ExxonMobil
Environmental Services Company
4096 Piedmont Avenue #194
Oakland, California 94611
510 547 8196 Telephone
510 547 8706 Facsimile

Jennifer C. Sedlachek
Project Manager

RECEIVED
By Alameda County Environmental Health at 2:39 pm, Oct 01, 2013

ExxonMobil

September 27, 2013

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

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

Dear Ms. Jakub:

Attached for your review and comment is a copy of the letter report entitled ***Site Conceptual Model Update and Data Gap Investigation Work Plan,*** dated September 24, 2013, for the above-referenced site. The report was prepared by Cardno ERI of Petaluma, California, and presents information regarding 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 ***Site Conceptual Model Update and Data Gap Investigation Work Plan,*** dated September 27, 2013

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

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

Site Conceptual Model Update and Data Gap Investigation Work Plan

Former Exxon Service Station 73006

2010C.R32

September 27, 2013

Cardno ERI

Shaping the Future

Site Conceptual Model Update and Data Gap Investigation Work Plan

Former Exxon Service Station 73006
720 High Street
Oakland, California

Alameda County No. 491

2010C.R32

September 27, 2013

Heidi L. Dieffenbach-Carle
P.G. 6793
for Cardno ERI
Direct Line 707 766 2000
Email: heidi.dieffenbach-carle@cardno.com

David R. Daniels
P.G. 8737
for Cardno ERI
Direct Line 707 766 2000
Email: david.daniels@cardno.com

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1 Introduction

At the request of ExxonMobil Environmental Services (EMES), on behalf of Exxon Mobil Corporation, Cardno ERI compiled geological, hydrogeological, and analytical data and prepared this Site Conceptual Model (SCM) update and data gap investigation work plan for the subject site. This report was prepared in response to electronic correspondence from Alameda County Environmental Health (County), dated June 19, 2013 (Appendix A). The SCM update summarizes previous environmental work, current conditions, the vertical and lateral extent and stability of petroleum hydrocarbon and related constituents in soil and groundwater under and in the vicinity of the site, an assessment of the potential risk to public health and the environment, and an evaluation of the site conditions under the State Water Resources Control Board's (SWRCB) *Low-threat Underground Storage Tank Case Closure Policy* (Low-Threat Policy) (SWRCB, 2012). The work plan details proposed activities to address a data gap identified at the site. The County granted an extension for this report to September 30, 2013, in electronic correspondence dated July 31, 2013 (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 (Plate 1). The subject 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 the former and current USTs and select site features are shown on the Generalized Site Plan (Plate 2) and the Extended Site Plan (Plate 3). Sanborn® Maps and aerial photographs showing the subject site and surrounding area are included in Appendix B (EDR, 2013a; EDR, 2013b).

The surrounding areas consist of commercial and industrial properties, and the site is adjacent to an elevated portion of Interstate Highway 880 (Plate 4). The site is approximately 200 feet west of an active rail line and directly north of a former railroad spur. The site is in a portion of Oakland that has been industrialized for over 100 years. The 1912 Sanborn® Map shows aboveground storage tanks (ASTs) installed at the site along the railroad spur (EDR, 2013a). Topography in the vicinity of the site is relatively flat but slopes gently to the southwest towards the Oakland Estuary Tidal Canal, located approximately 1,900 feet southwest of the site. The site lies at an elevation of approximately 13 feet above msl. The nearest surface water body is the Oakland Estuary Tidal Canal located approximately 1,900 west of the site. Municipal supply wells have not been confirmed within a 2,000-foot radius from the site (ERI, 2005).

There are several environmental cases in the vicinity of the former Exxon service station site. A search of the SWRCB's GeoTracker database reveals 12 environmental cases within a 1,000-foot radius of the subject site (GeoTracker, 2013d). A map from CH2MHill's *Site Conceptual Model Report and Data Gap Work Plan* prepared for Union Pacific Railroad showing sites of potential environmental concern is included as Appendix C (CH2MHill, 2013). Four of the closest sites are shown on Plate 3 and are briefly described in Sections 2.1 through 2.4.

2.1 Shell-Branded Service Station #13-5693 (LOP RO228)

An active Shell-branded service station (Shell) is located at 630 High Street, on the southern corner of the intersection of High Street and Jensen Street, adjacent to Interstate 880, downgradient of the site (Plate 3). A leak was reported in June 1985. Concentrations of TPHg and benzene were reported in soil samples collected during dispenser and piping removal and replacement in 1989 (Cambria, 2006a). Subsurface investigations were initiated in 1989 and in 2002 during UST, dispenser, and piping upgrades; over-excavation was completed

both in the tank pit area and one of the dispenser islands. Groundwater monitoring was conducted between 1991 and 2006 (Cambria, 2006b). Additional details are presented in the *Plume Delineation Report, Risk Evaluation, and Request for Closure* (Cambria, 2006a). In 2007, the County granted case closure (Alameda County, 2007).

2.2 Roy Hatton Project (LOP RO956)

The Roy Hatton Project is located immediately northeast and east (upgradient) of the site at 752 High Street (Plate 3). A leak was reported in January 1989. Potential constituents of concern included used oil, motor oil, hydraulic oil, and lubricating oil. The County closed the case in December 1997 (GeoTracker, 2013a). Additional information regarding this site is not available on the SWRCB GeoTracker website.

2.3 Union Pacific Railroad Property (LOP RO135)

The former Union Pacific Railroad Company (UPRC) is located just beyond the Roy Hatton Project. The property, currently identified as 750 High Street, is upgradient from the site (Plate 3) (GeoTracker, 2013b). Historically, the UPRC site was known as 744 and 758 High Street. In July 1986, a leaking UST was reported and a LUST case was opened (CH2MHill, 2013). In 1988 and 1990, remedial excavations were conducted (GeoTracker, 2013c; CH2MHill, 2013). Site investigations and groundwater monitoring were performed between 1988 and 1993. The primary constituents of concern in soil and groundwater are total petroleum hydrocarbons, PCBs, and metals. The LUST case remains open. Additional field work was proposed in CH2MHill's *Draft Site Conceptual Model Report and Data Gap Work Plan* (CH2MHill, 2013).

2.4 Former EkoTek Lube (RWQCB 01S0132)

The former EkoTek oil reprocessing facility is located at 4200 Alameda Avenue (northeast corner of the intersection of Alameda Avenue and East 8th Street), crossgradient to downgradient of the subject site (Plate 3; GeoTracker, 2013b). In 1925, the site was developed as an oil recycling facility (Pangaea, 2012). Oil from automobiles, railroad locomotives, aircrafts, and electrical transformers as well as Stoddard solvent were recycled on site (Pangea, 2012). Recycling activities were discontinued in 1981, and the facility was abandoned (DOT, 1984; Pangea, 2012). Multiple phases of on-site and off-site assessment have been conducted since 1995. The site was capped with asphalt following the removal of the ASTs, USTs, associated pipelines, sumps, catch basins, utilities, other aboveground structures, 230 tons of oily soil debris, and 162 tons of oily concrete from the site between 1995 and 1996 (Pangea, 2012). The primary constituents of concern in groundwater are TPHd, TPHg, TPHmo, BTEX, naphthalene, and select HVOCs (chlorobenzene, dichlorobenzenes, chloroethane, dichloroethene, and vinyl chloride) (Pangea, 2012). The site is currently a fenced vacant lot. Pangea submitted a *Workplan for Enhanced Product Recovery*, proposing the use of a bio-organic catalyst to enhance the effectiveness of the ongoing free product skimming and bailing recovery efforts at the site (Pangea, 2012).

3 Geology and Hydrogeology

3.1 Regional and Site Geology

The site is located along the eastern margin of the San Francisco Bay within the East Bay Plain (Hickenbottom and Muir, 1988). The East Bay Plain lies within the Coast Range geomorphic province and is characterized by broad alluvial fans sloping westward into San Francisco Bay. The site and vicinity is underlain by quaternary bay deposits consisting primarily of clays and silty clays interbedded with discontinuous lenses of silty and gravelly sand.

The local geology of the site consists primarily of clay and silt with lenses of sand and gravel. Cross sections were prepared using boring logs, CPT logs, and monitoring well construction details to illustrate subsurface conditions. The cross section location map and cross sections A-A', B-B', and C-C' are provided in Appendix D.

3.2 Regional and Site Hydrogeology

The East Bay Plain is divided into two structurally separate basins: the San Pablo and the San Francisco Basin. These basins are tectonic depressions that are filled primarily with a sequence of coalescing alluvial fans. The San Francisco Basin is divided in seven Sub Areas. The site is located in the Oakland Sub- Area, which is composed of thick sequence of alluvial fill (300 to 700 feet) with no well-defined aquitards (Figuers, 1998).

The site is located approximately 1,900 northeast of the Oakland Estuary Tidal Canal. 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. Regional groundwater flow direction is inferred to be to the west-southwest toward the tidal canal and bay and is generally consistent with site data.

Alameda County's domestic water supply comes from The Mokelumne River Watershed in the Sierra Nevada through a system consisting of reservoirs, aqueducts, treatment plants, and distribution facilities (EBMUD, 2013). There are no known municipal supply wells located within a 2,000-foot radius from the site (ERI, 2005).

Groundwater elevations have ranged from 3.5 to 11.5 feet bgs in wells at the site. Currently groundwater is encountered at depths ranging from approximately 4.66 to 9.31 feet bgs. Based on the cumulative results of groundwater monitoring and sampling, the groundwater flow direction in the shallow water-bearing zone is predominantly towards the west-southwest and in the deeper water-bearing zone is predominately to the west-northwest. Second quarter 2013 groundwater elevations and rose diagrams showing the groundwater flow direction are presented on Plates 5 and 6.

Hydrographs for the site show that groundwater elevations generally vary seasonally although there are some periods of stability (Appendix E).

4 Previous Work

Groundwater monitoring data is summarized in Tables 1A through 1C. Current groundwater elevations and select dissolved-phase constituent concentrations are shown on Plates 5 through 7. Well construction details are presented in Table 2. Hydrographs are included in Appendix E. Soil analytical results are summarized in Tables 3A and 3B. Operational data from the groundwater and SVE systems are included in Appendix F.

4.1 Fueling System Activities

From 1912 to 1934, Standard Oil Company of California (currently known as Chevron U.S.A.) operated an oil storage and distribution facility on the southwestern part of the site. Up to six ASTs were on site during this period (ERI, 2005).

From 1953 to 1969, Mr. and Mrs. Roy Hatton purchased the northeastern part of the site and used the property as an automobile junkyard (ERI, 2005).

In 1970, Humble Oil and Refining Company purchased the property and built an Exxon service station. In 1987, Exxon discontinued operation at the site, and the property was sold to Victor and Lye Kyin Chu (ERI, 2005).

In April 1987, one 6,000-gallon gasoline UST, one 8,000-gallon gasoline UST, one 10,000-gallon gasoline UST, and one 1,000-gallon used-oil UST were excavated and removed from the site by Pacific Southwest Construction and Service (AGS, 1987a).

The property was vacant from 1987 to 1991. In 1991, new USTs were installed in the northern portion of the site. In 2004, the property was purchased by Mash Petroleum, Inc. and currently is operated as a Gas and Food-branded service station, convenience store, and car wash (ERI, 2005).

4.2 Site Assessment Activities

Multiple phases of assessment have been conducted since 1987. A complete summary of historical site activities prior to 2005 is provided in the Environmental Resolutions, Inc. (ERI) SCM (ERI, 2005). A Generalized Site Plan showing soil boring and well locations is presented as Plate 2.

Assessment activities since 2005 include the advancement of nine direct-push borings (DP1 through DP9), nine CPT borings (CPT1 through CPT7, CPT11, and CPT12), and three Hydropunch® (HP) borings (HP7, HP11, and HP12) and the installation of eight groundwater monitoring wells (MW16A through MW19A and MW16B through MW19B). Assessment activities indicate that residual petroleum hydrocarbons are primarily present in the capillary fringe and vadose zones and that residual and dissolved-phase hydrocarbons are present off site to the west (ERI, 2007a; ERI, 2009b).

4.3 Remedial Activities

Remedial efforts at the site have included excavation, NAPL removal, groundwater extraction, vapor extraction, air sparging, and biosparging

4.3.1 Excavation Activities

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, 1987b). 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, 1989a). In addition, a concrete structure that may have been an old dispenser island was uncovered just southeast of well MW5. 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).

4.3.2 NAPL Removal

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 and transported off site for disposal (AGS, 1987c). In 1989, approximately 27 gallons of NAPL were removed from on-site wells MW2, MW3, MW4, and MW8 (AGS, 1989a). In 1993, petrotraps were installed in wells MW2, MW4, and MW6, and approximately 6.3 gallons of NAPL were removed (RESNA, 1993b).

4.3.3 Groundwater Extraction

A GWPTS operated at the site from 1995 to 1998. The system was designed to treat NAPL and dissolved-phase petroleum hydrocarbons in groundwater extracted from the interceptor trench beneath the site. Pneumatic pumps were installed in extraction wells RW2 and RW5 to recover groundwater from the interceptor trench. The system was shut down when influent concentrations decreased. It removed approximately 10 pounds of TPHg and 3 pounds of benzene (ERI, 1999a; ERI, 1999b).

4.3.4 Air Sparge and Vapor Extraction

An AS/SVE system operated from 1996 to 1999 and consisted of six AS wells (AS1 through AS6) for air injection and three vadose wells (VW1 through VW3) for vapor extraction within an on-site interceptor trench. The system removed approximately 5,144 pounds of TPHg and 61 pounds of benzene. It was shut down when influent TPHg concentrations decreased to near the laboratory reporting limits and TPHg removal rates reached asymptotic conditions (ERI, 1999b).

4.3.5 Biosparge System

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

4.4 Groundwater Monitoring Activities

Groundwater monitoring began at the site in 1989. Shallow groundwater is perched and seasonally influenced. NAPL was observed in wells MW2, MW3, MW4, MW6, MW8, VW2, and VW3 from 1989 through 1994. Sheen has been observed in wells MW1, MW5, MW7, MW12, MW13, MW14, and MW15. NAPL was observed in water samples collected from boring CPT2 in April 2005. NAPL was recently observed in well MW3 between April 2011 and October 2012. Sheen was observed in well MW3 in April 2013.

In 2001, wells MW4 and MW12 were paved over during station renovations; ERI's attempts to locate and uncover these wells have been unsuccessful (ERI, 2009a). On March 26, 2007, well MW1 was destroyed to accommodate upgrades to Pacific Gas and Electric Company (PG&E) gas lines (ERI, 2007b). In 2008, wells MW2 and MW6 were paved over during station renovations, and in January 2009, the wells were uncovered and observed to be in good condition with the well boxes, lids, and well caps intact and the casings undisturbed; rehabilitation was not necessary (ERI, 2009a).

5 Groundwater Monitoring Well Network

In response to electronic correspondence from the County, dated June 13, 2013 (Appendix A), stating that groundwater levels appear to be declining to where they are now within the sand pack interval of the wells, which appears to correlate with the recent observations of NAPL, Cardno ERI evaluated the groundwater monitoring network at the site.

5.1 Shallow Water-Bearing Zone

As shown in the following table, well screens have been intermittently submerged.

Table 5-1 Wells Screened Across the Shallow Water-Bearing Zone

Well IDs	Screen Interval (feet bgs)	Well Dry	Screen Submerged		Current DTW (feet)	Conditions (µg/L)		
			No	Yes		Analyte	Current	Most Recent Not Submerged
Wells Currently Submerged								
MW2	10-35	No	Jul-89 to Dec-89, Nov-90 to Jan 91, Aug 91 to Sep-91, Sep-95 to Nov 95, Sep-96, Jun 97 to Dec 97, and Jun-98 to Sep-98	Apr-89, Feb-90 to Sep-90, Mar-91 to Jun-91, Nov-91 to Jun-95, Feb-96 to Jun-96, Dec-96 to Mar-97, Apr-98, Dec-98 to present	6.21	TPHd TPHg Benzene MTBE	240 95g 3.1 1.3	180 290 <0.50 16a
MW3	10-35	No	Jul-89 to Dec-89, Sep-90 to Jan-91, Sep-91 to Dec-91, Sep-95 to Nov 95, Sep-96, Jun-97 to Dec- 97, and Jun-98 to Sep-98,	Apr-89, Feb-90 to Aug-90, Mar-91 to Aug-91, Jan-92 to Jun-95, Feb-96 to Jun-96, Dec-96 to Mar-97, Apr-98, Dec-98 to present	7.37	TPHd TPHg Benzene MTBE	3,600 570g <0.50 7.5	2,600 540 6.8 <5.0a
MW6	10-35	No	Sep-89 to Dec 89, Sep-90 to Nov-90, Aug-91 to Sep-91, Sep-95 to Nov-95, Sep-96, Mar-97 to Dec-97, Sep-98	Apr-89, Feb-90 to Jun-90, Jan-91 to Jun-91, Nov-91 to Jun-95, Feb-96 to Jun-96, Dec-96, Mar-98 to Jun-98, Dec-98 to present	5.52	TPHd TPHg Benzene MTBE	120g 140g 2.9 <0.50	2,300 8,600 2,100 <100a
MW14	7-17	No	Nov-90 to Jan-93, Jul-93 to Dec-98, Jun-99 to Dec-99, Mar-04 to Nov-04, Apr-07 to Oct-08, Jan-09, Apr-11 to Oct-11	Mar-93 to Jun-93, Mar-99, Mar-00 to Mar-03, Feb-05 to Jan-07, Jan-09, Apr-09 to Nov-10, Apr-12 to present	3.74	TPHd TPHg Benzene MTBE	600g 2,000g <0.50 <0.50	810g 1,700g <0.50 <0.50
MW16A	7.5-12.5	No	Well has been submerged since installation.	Oct-09 to present	6.06	TPHd TPHg Benzene MTBE	230g 1,300g 18 <0.50	n/a

Well IDs	Screen Interval (feet bgs)	Well Dry	Screen Submerged		Current DTW (feet)	Conditions (µg/L)		
			No	Yes		Analyte	Current	Most Recent Not Submerged
MW18A	9-14	No	Well has been submerged since installation.	Oct-09 to present	4.66	TPHd TPHg Benzene MTBE	<50 64g <0.50 1.0	n/a
MW19A	9-14	No	Well has been submerged since installation.	Oct-09 to present	4.87	TPHd TPHg Benzene MTBE	490g 2,300g <0.50 <0.50	n/a
Wells Currently Not Submerged								
MW17A	8-13	No	Apr-13	Oct-09 to Oct-12	9.31	TPHd TPHg Benzene MTBE	140g 550g <0.50 <0.50	140g 550g <0.50 <0.50

Notes: a = MTBE analyzed by EPA Method 8021B. g = Hydrocarbon pattern is not consistent with that of the specified standard.

With the exception of well MW6, petroleum hydrocarbon concentrations are within the same order of magnitude in the wells when they are submerged and not submerged. NAPL was present in well MW3 (screened from 10 to 35 feet bgs) from approximately 1989 to 1994, including several years where the well screen was submerged (Table 1A). Concentrations in well MW6 are up to two orders of magnitude less in the submerged sample; well MW6 has been submerged since 1998 and was intermittently submerged from 1989 to 1998. The groundwater monitoring well network appears to be adequate to monitor the shallow water-bearing zone. A discussion of constituent distribution across the shallow water-bearing zone is presented in Section 6.2.1.

5.2 Deep Water-Bearing Zone

There are four wells at the site (MW16B through MW19B) screened across the deep water-bearing zone below 20 feet bgs. A discussion of constituent distribution across the deep water-bearing zone is presented in Section 6.2.2.

6 Assessment of Historical and Current Site Conditions

6.1 Petroleum Hydrocarbon Concentrations in Soil

Historic maximum residual concentrations were reported in the former UST pit that was over-excavated to 14 feet bgs in 1987 (AGS, 1987b). Current maximum residual concentrations are primarily present between 8 and 12.5 feet bgs. The vertical extent of residual petroleum hydrocarbons in soil is defined at and below 21 feet bgs.

Cumulative soil analytical results are summarized in Tables 3A and 3B. Residual constituent distribution maps showing the distribution of TPHd, TPHg, benzene, and MTBE in soil pre- and post-remediation are included as Plates 8 and 9, respectively.

6.1.1 Lateral Extent of Petroleum Hydrocarbons Remaining in Soil

A review of the post-remediation residual constituent distribution data shows that maximum TPHd and TPHg concentrations occur between 8 and 12.5 feet bgs at the following locations (in order of decreasing concentrations):

- South side of the site in borings DP5 and MW18B and beyond in boring DP9.
- West side of the site in boring MW16A and beyond in borings DP7 and DP8.
- East side of the site in boring MW19A.
- North side of the site in boring MW17A.

On the basis of these observations and a review of cumulative soil data, residual petroleum hydrocarbons appear to be adequately delineated to the east and to the north. Although residual concentrations are present in

soil southwest of the former USTs in the vicinity of borings DP5, DP9, and CPT7/HP7 and west of the site in the vicinity of borings DP7 and DP8, concentrations off site across Coliseum Way appear to be limited to TPHd and TPHg.

6.1.2 Evaluation of Hydrocarbon Variability between Nearby Borings

TPHd and TPHg concentrations vary between almost adjacent (5 feet apart) borings. As shown in the following table, concentrations can vary by up to three orders of magnitude. Wells with maximum TPHd and TPHg concentrations are listed in "Column A"; adjacent wells with lower concentrations are listed in "Column B."

Boring ID (Column A)	Boring ID (Column B)	Spatial Location on Site	Depth of Boring (feet)	TPHd (mg/kg)		TPHg (mg/kg)	
				Column A	Column B	Column A	Column B
MW18B	MW18A	South of historical USTs	10.5	2,700	14	990	1.8
			12.5	940	<5.0	950	<0.50
MW16A	MW16B	West of dispenser islands	10.5	90a	5.6a	1,200	130
MW19A	MW19B	East side of site; behind station building	10.5	110a	<5.0	1,900	36
MW17A	MW17B	Southwest of current USTs	10.5	9.5a	6.1	110	0.92

Notes: a = TPHd result not consistent with diesel fuel.

The variation observed in these closely spaced borings indicates that the residual concentrations are heterogeneously distributed and may be located in imported fill or the result of multiple sources. Some of the shallow soil concentrations (DP5, 2 feet bgs) do not appear to be related to the configuration of the former Exxon service station and suggest there was likely an additional shallow source.

6.1.3 Vertical Extent of Petroleum Hydrocarbons in Soil

Petroleum hydrocarbon concentrations in soil are adequately vertically delineated at the site. Petroleum hydrocarbon concentrations were not reported at or above the laboratory reporting limits as follows:

- East in on-site boring MW19B below 16 feet bgs.
- South in on-site boring MW18B at and below 17 feet bgs.
- West in on-site boring MW16B at 23 feet bgs.
- North in on-site boring MW17B at 24.5 feet bgs.

Residual concentrations of TPHg and benzene have not been reported below 21 feet bgs. Residual concentrations of TPHd up to 4.1 mg/kg were reported in off-site borings DP7 through DP9 to 29.5 feet bgs, the maximum depth explored.

6.2 Petroleum Hydrocarbon Concentrations in Groundwater

Groundwater monitoring has been conducted at the site since 1989. Constituents of concern in groundwater include dissolved-phase TPHd, TPHg, benzene, and MTBE. Maximum concentrations of dissolved-phase TPHd, TPHg, and BTEX in groundwater are present in wells MW3, MW16A, and MW19A on the southwest, northwest, and eastern side of the site, respectively. Maximum dissolved-phase MTBE concentrations are present in well MW17B in the northern part of the site near the USTs.

Cumulative groundwater analytical results are summarized in Tables 1A and 1B. Select grab groundwater analytical results are illustrated on Plate 10. Current groundwater analytical results (April 2013) are illustrated on Plate 7. Hydrographs depicting petroleum hydrocarbon concentrations and groundwater elevations over time are included in Appendix E. Time-series isoconcentration maps are presented in Appendix G.

6.2.1 Lateral Extent of Petroleum Hydrocarbons in Groundwater

Historic maximum petroleum hydrocarbon concentrations in groundwater were reported in on-site wells MW2 through MW6, MW8, and MW12, located on the west and southwestern sides of the site in the vicinity of the former USTs and former southwestern dispenser islands. The hydrographs (Appendix E) show that dissolved-phase hydrocarbons have been decreasing in most wells and the isoconcentration maps (Appendix G)

show that the lateral extent of TPHd, TPHg, and benzene have decreased over time. Laboratory analytical results of the groundwater samples collected at the site indicate that:

- The lateral extent of dissolved-phase petroleum hydrocarbons in groundwater is adequately delineated to the north by former wells MW10 and MW11 and by boring CPT5.
- The lateral extent of dissolved-phase petroleum hydrocarbons in groundwater is adequately delineated to the southeast by former well MW9, where, with the exception of TPHd, petroleum hydrocarbons were near or below laboratory reporting limits for 10 years prior to the well's destruction.
- The lateral extent of dissolved-phase petroleum hydrocarbons in groundwater is delineated to the south by wells MW8A and MW8B.
- The lateral extent of dissolved-phase petroleum hydrocarbons in groundwater is adequately delineated to the south-southwest by destroyed well MW1 and by borings HP11 and HP12.
- The lateral extent of dissolved-phase hydrocarbons is not delineated to the west. The presence of the active Shell station and former Ekotek facility to the west of the site limit the feasibility of delineating dissolved-phase concentrations to the west.
- The lateral extent of dissolved-phase petroleum hydrocarbons in groundwater is not delineated to the east. Concentrations of TPHd and TPHg are present in well MW14, located upgradient from identified former source areas (USTs and dispenser island). In Cardno ERI's opinion, the concentrations in well MW14 are likely attributable to an off-site source.

6.2.2 Vertical Extent of Petroleum Hydrocarbons in Groundwater

Dissolved-phase petroleum hydrocarbons decrease with depth and are adequately vertically delineated.

Depth-discrete groundwater samples were collected from multiple depths in borings CPT2, CPT3, CPT4, and CPT6. In each of the borings a sample was collected at approximately 10 feet bgs and at a depth of between 24 to 30 feet bgs. With the exception of TPHg in boring CPT3, the concentrations in the deeper sample were a minimum of approximately one order of magnitude less than the shallow sample in each boring. In the deeper samples collected from these borings, benzene was reported at a maximum concentration of 0.50 µg/L (CPT4) and TPHg was reported at a maximum concentration of 1,240 µg/L (CPT3). In the shallower samples collected from these borings, benzene was reported at a maximum concentration of 1,380 µg/L (CPT2) and TPHg was reported at a maximum concentration of 1,060,000 µg/L (CPT2).

6.3 Non-Aqueous Phase Liquid

NAPL was observed in wells MW2, MW3, MW4, MW5, MW6, MW8, VW2, and VW3 from 1988 through 1994. Sheen has been observed in wells MW1 through MW8 and MW12 through MW15. NAPL was observed in water samples collected from boring CPT2 in April 2005. NAPL and/or sheen were recently observed in well MW3 in April 2011, October 2012, April 2012, and April 2013. The distribution of NAPL is shown on the time-series isoconcentration maps attached in Appendix G.

Approximately 27 gallons of NAPL was removed in July and August 1989 from wells MW2, MW3, MW4, and MW8 (AGS, 1989a). Approximately 6.3 gallons of NAPL were removed in February and March 1993 (RESNA, 1993b).

6.4 Petroleum Hydrocarbon Concentrations in Soil Vapor

The site is an active gas station; soil vapor samples have not been collected. The SWRCB's Low-Threat Policy states that exposures to petroleum vapors associated with historical fuel system releases are comparatively insignificant to exposures from small surface spills and fugitive releases that typically occur at active fueling facilities (SWRCB, 2012).

The subject site currently operates as a service station and vapor sampling does not appear to be warranted.

7 Sensitive Receptor Survey

The first sensitive receptor survey (SRS) was completed in 1989; however, documentation for this SRS is not located in site files. The earliest record is from 2004. SRSs for the site are updated at least once every three years. The most recent SRS update for the site was completed in 2010 and included a file review, a utility survey, and a field reconnaissance. Cardno ERI conducted a file review of the Department of Water Resources (DWR) well driller's report archive to search for wells within a 2,000-foot radius of the site. Field reconnaissance included a visual survey to identify utility vaults and storm drains within the immediate site vicinity. Cardno ERI also conducted a reconnaissance of the area within a 2,000-foot radius of the site for wells not identified by the DWR file review, and for surface bodies of water, basements, and subway tunnels. Sensitive receptors are shown on Plate 4. Underground utility lines and vaults are shown on Plate 11.

Records from the DWR do not indicate the presence of municipal and domestic wells within a 2,000-foot radius of the site. CH2MHill identified three potential wells downgradient from the site: Irrigation Supply Well #1 located on the eastern edge of the former EkoTek at 4200 Alameda Avenue, a destroyed Industrial Supply Well #2 located between 400 and 500 High Street, and a Domestic Water Supply Well #1 located adjacent to the destroyed Industrial Supply Well #2. According to the records, the two supply wells are screened below 125 feet bgs. A site reconnaissance has not been performed to verify the presence and evaluate the operational status of these wells (CH2MHill, 2013). The reported wells lie within the radius searched by Cardno ERI and no indication of the existence of the wells were identified during field visits.

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.

Fourteen utility vaults, including two storm drains, are located on and adjacent to the site. Several utility trenches are located on and adjacent to the site; including PG&E Subsurface Gas & Electrical Lines, EBMUD Potable Water Lines, City of Oakland Office of Public Works Sanitary Sewer Lines, Southern Pacific underground fuel lines, and Pacific Bell Subsurface Communication Lines.

Neither buildings with basements nor subway tunnels have been observed within a 2,000-foot radius of the subject site. Based on the visual observations, typical construction in this area does not include basements or cellars for buildings.

There are two schools located within 2,000-foot radius of the site: Oakland Charter Academy (approximately 1,990 feet south of the site) and Dewey Senior High School (approximately 1,990 feet north of the site). Sensitive receptors within a 300-meter radius of the site identified by Cardno ERI are shown on Plate 4.

8 Low-Threat UST Case Closure Policy Evaluation

Cardno ERI evaluated the case for under the SWRCB's Low-Threat Policy (SWRCB, 2012). Cardno ERI concludes that the site partly meets the criteria for a low-threat closure and proposes work to close the identified data gap. The criteria for low-threat closure are addressed in the following sections.

8.1 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 the operations of Former Exxon Service Station 73006 consisted 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 by Pacific Southwest Construction and Service (AGS, 1987b). The cumulative analytical data does not indicate that an ongoing source is present.

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 and transported off site for disposal (AGS, 1987c). Approximately 27 gallons of NAPL were removed in 1989 from wells MW2, MW3, MW4, and MW8 (AGS, 1989a). 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). NAPL and/or sheen have been observed in well MW3 since April 2011; however, the quantities observed are likely not feasibly recovered. During fourth quarter 2012, Cardno ERI installed a passive NAPL skimmer into well MW3 (Cardno ERI, 2013). To date, no NAPL has been recovered by the skimmer.

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

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, 2007a); *Conduit Study and Summary of Field Activities* (ERI, 2008); *Site Assessment Report* (ERI, 2009b); 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, 1987b). 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, 1989a). In addition, a concrete structure that appeared to be an old dispenser island was uncovered just southeast of well MW5. 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).

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 (Plate 4). The current conditions at the site 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 hydrocarbon concentrations are located on property located beneath an elevated freeway which is unlikely to have any sort of sensitive land use for 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).

8.2 Media-Specific Criteria

8.2.1 Groundwater

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 in groundwater appear to extend less than 900 feet west-southwest from the site. The industrial history of the area and multiple identified sources preclude delineating concentrations to a non-detect level.

2. There is no free product.

NAPL and/or sheen have been reported in well MW3 since April 2011; however, BTEX has not been reported in well MW3 since July 2009. The quantities of NAPL observed in well MW3 are likely not feasibly recoverable. During fourth quarter 2012, Cardno ERI installed a passive NAPL skimmer in well MW3 (Cardno ERI, 2013). To date, no NAPL has been recovered by the skimmer.

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

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 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 some reported wells that have not been confirmed to be present near the site (Appendix C).

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.

8.2.2 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	---	---	---	---	---
PAH	---	---	---	---	---

Concentrations of ethylbenzene 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 have not been included in the analytical suite for samples collected to date.

8.2.3 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 SWRCB's Low-Threat Policy (SWRCB, 2012).

9 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.
- Residual petroleum hydrocarbon concentrations meet the commercial criteria for the SWRCB's Low-Threat Policy.
- Dissolved-phase petroleum hydrocarbons are adequately delineated and are stable and/or decreasing.
- 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 is zoned for industrial uses; land use is not expected to change in the foreseeable future.
- With the exception of the potential NAPL near boring CPT2, the site appears to adequately meet the criteria for Low-Threat closure under a commercial setting.

10 Recommendations

Cardno ERI recommends conducting the following activities to address the identified data gap:

- Installing two groundwater monitoring wells: one in the vicinity of boring CPT2 and one downgradient from boring CPT2.
- Updating the SRS to confirm the sensitive receptors, as required by the SWRCB's Low-Threat Policy, including the wells identified by CH2MHill (Appendix C).
- Continued monitoring of the passive skimmer in well MW3 for NAPL.
- Continued semi-annual groundwater monitoring and sampling.

11 Proposed Well Installations

The procedures for drilling, decontamination, and well construction are described in the field protocol contained in Appendix H. The fieldwork will be conducted under the advisement of a professional geologist and in accordance with applicable regulatory guidelines.

11.1 Pre-Field Activities

Prior to the commencement of field work an access agreement or encroachment permit will be obtained to perform work in the area located beneath Interstate 880. Prior to the onset of drilling, well installation permits will be obtained from the Alameda County Public Works Agency (ACWPA). Cardno ERI personnel will visit the site to check for obstructions and to mark the proposed locations. Underground Service Alert and the ACWPA will be notified at least 48 hours prior to the onset of field activities. Prior to drilling, the locations will be manually excavated with air tools to a depth of 5 to 8 feet bgs to ensure that there are not subsurface obstructions in accordance with EMES protocols.

11.2 Drilling and Sampling Activities

Proposed borings MW20 and MW21 will be drilled using a hollow-stem auger rig. The borings will be advanced approximately 15 feet bgs and be sampled continuously from 8 feet bgs to total depth for geologic logging purposes. Soil samples will be collected and preserved for laboratory analyses at a minimum of 5-foot intervals or where indications of hydrocarbon concentrations are observed. The locations of the proposed wells are shown on Plate 2.

11.3 Well Installation Activities

The wells will be constructed using 2-inch diameter, Schedule 40 PVC casings and will be screened from approximately 8 to 13 feet bgs. The wells are intended to be screened across the first encountered groundwater to collect any NAPL if present. The wells will be developed as described in the field protocol included in Appendix H.

The proposed groundwater monitoring wells will be surveyed in accordance with Assembly Bill (AB) 2886 and incorporated into the groundwater monitoring and sampling program at the site.

11.4 Laboratory Analyses

Select soil and groundwater samples will be submitted for analysis to an EMES-approved, state-certified analytical laboratory. The samples will be analyzed for TPHd and TPHg by EPA Method 8015B and BTEX, fuel oxygenates (MTBE, DIPE, ETBE, TAME, TBA), ethanol, and lead scavengers (1,2-DCA and EDB) by EPA Method 8021B or 8260B. Soil samples collected from 10 feet bgs or above will also be analyzed for PAHs by EPA Method 8310.

11.5 Waste Management

The soil and decontamination water generated during drilling activities will be temporarily stored on site in DOT-approved, 55-gallon drums pending characterization and disposal to an EMES-approved facility. Disposal documentation will be included in the report.

11.6 Safety Plan

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

11.7 Report

After completion of the proposed field activities and one groundwater monitoring event, a report summarizing field and laboratory procedures, boring logs, and laboratory results will be submitted to EMES and the County. The report will be signed by a State of California professional geologist.

12 Contact Information

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

13 Distribution List

Cardno ERI recommends forwarding copies of this document to:

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

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

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

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

14 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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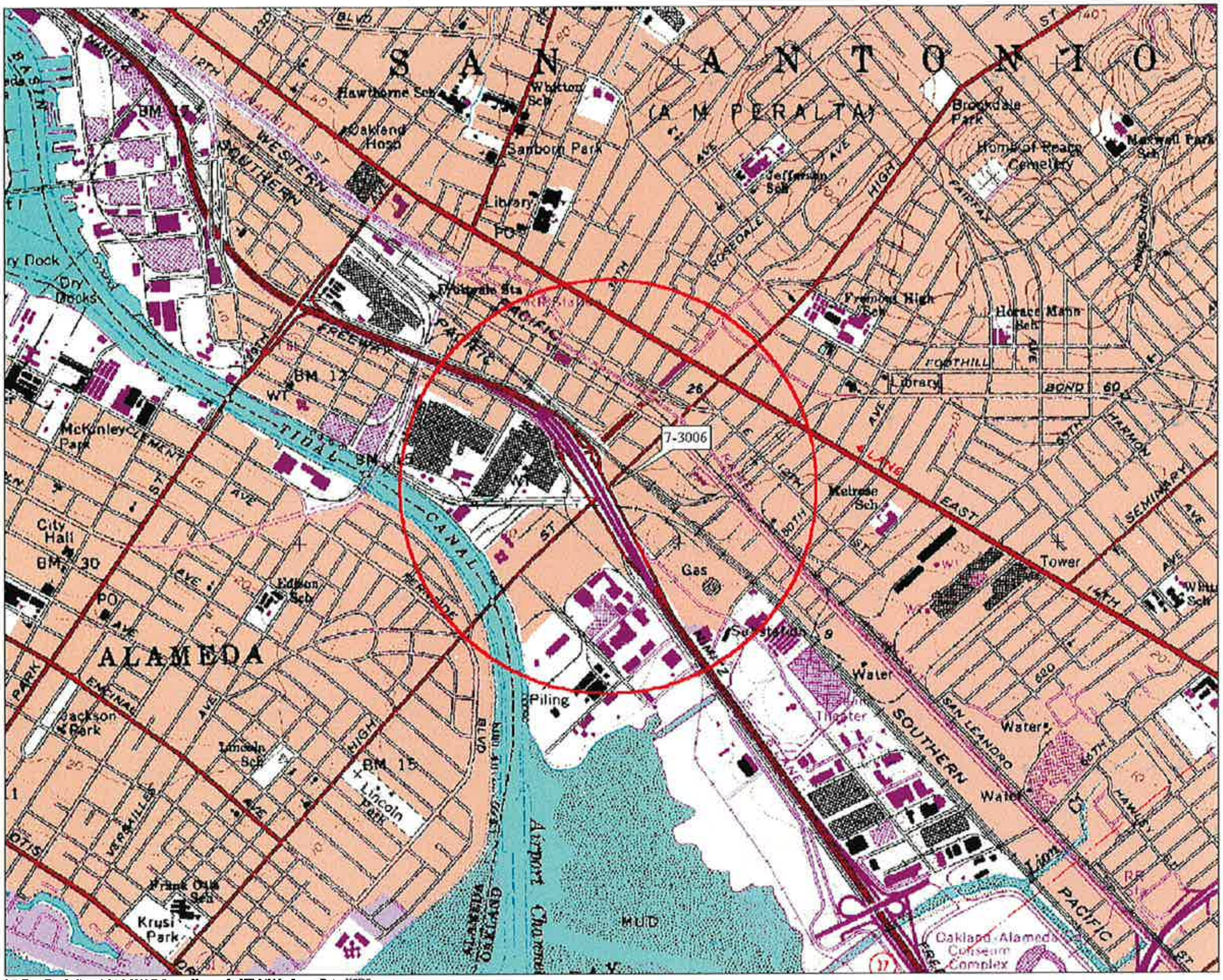
16 Acronym List

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

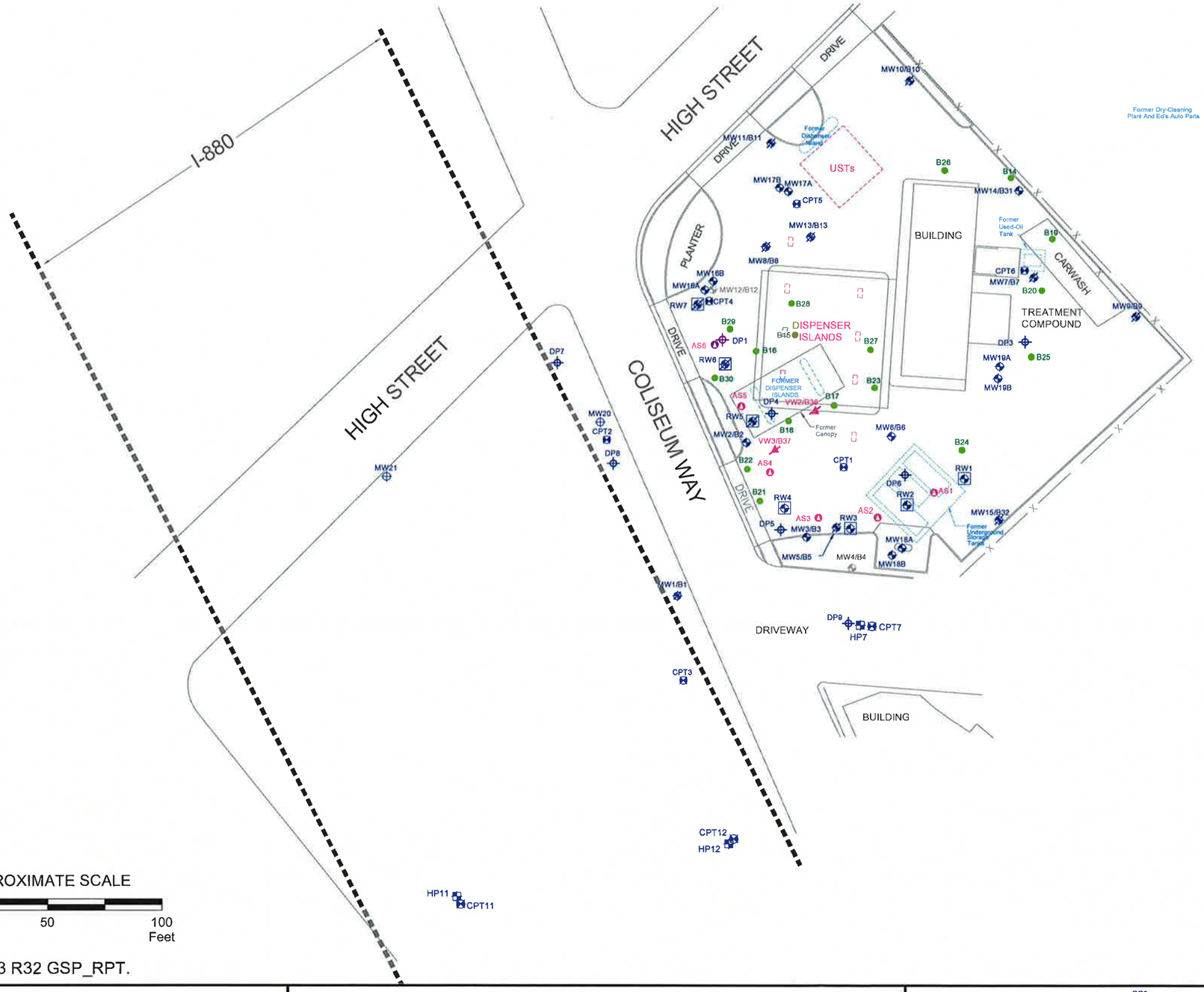
Cardno ERI
Shaping the Future

SITE VICINITY MAP

FORMER EXXON SERVICE STATION 73006
720 High Street
Oakland, California

PROJECT NO. 2010

PLATE 1



FN 2010 13 R32 GSP_RPT.

Cardno ERI
Shaping the Future

GENERALIZED SITE PLAN

FORMER EXXON SERVICE STATION 73006
720 High Street
Oakland, California

EXPLANATION

- MW19B — Groundwater Monitoring Well
- AS6 — Air Sparge Well
- RW4 — Recovery Well
- RW7 — Destroyed Recovery Well
- DP9 — Direct-Push Boring
- CPT12 — Cone Penetration Test Boring
- HP12 — Hydropunch Boring
- B30 — Soil Boring/Soil Sample
- MW15 — Destroyed Groundwater Monitoring Well
- VW3/B37 — Soil Vapor Extraction Well
- MW12/B12 — Well Paved over - Inaccessible
- MW21 — Proposed Groundwater Monitoring Well

PROJECT NO. 2010

PLATE 2

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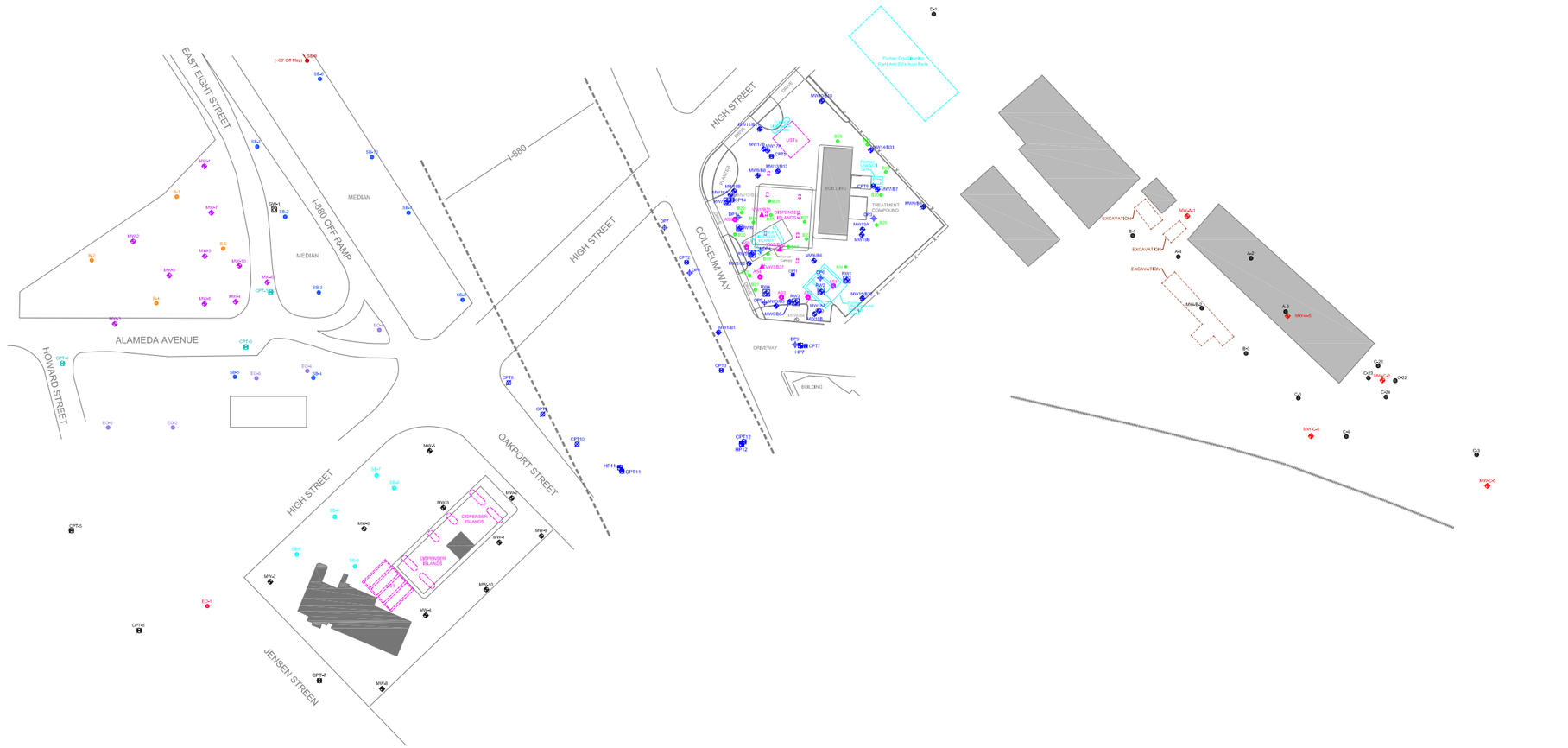

EXPLANATION

- MW19B — Groundwater Monitoring Well
- ASE — Air Sparge Well
- RW4 — Recovery Well
- RW7 — Destroyed Recovery Well
- B30 — 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
- EO-1 — Soil Boring by Enviro-Core Off Site
- EO-5 — 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

APPROXIMATE SCALE
0 60 120
Feet

EXTENDED SITE PLAN

FORMER EXXON SERVICE STATION 73006
720 High Street
Oakland, California

Cardno ERI
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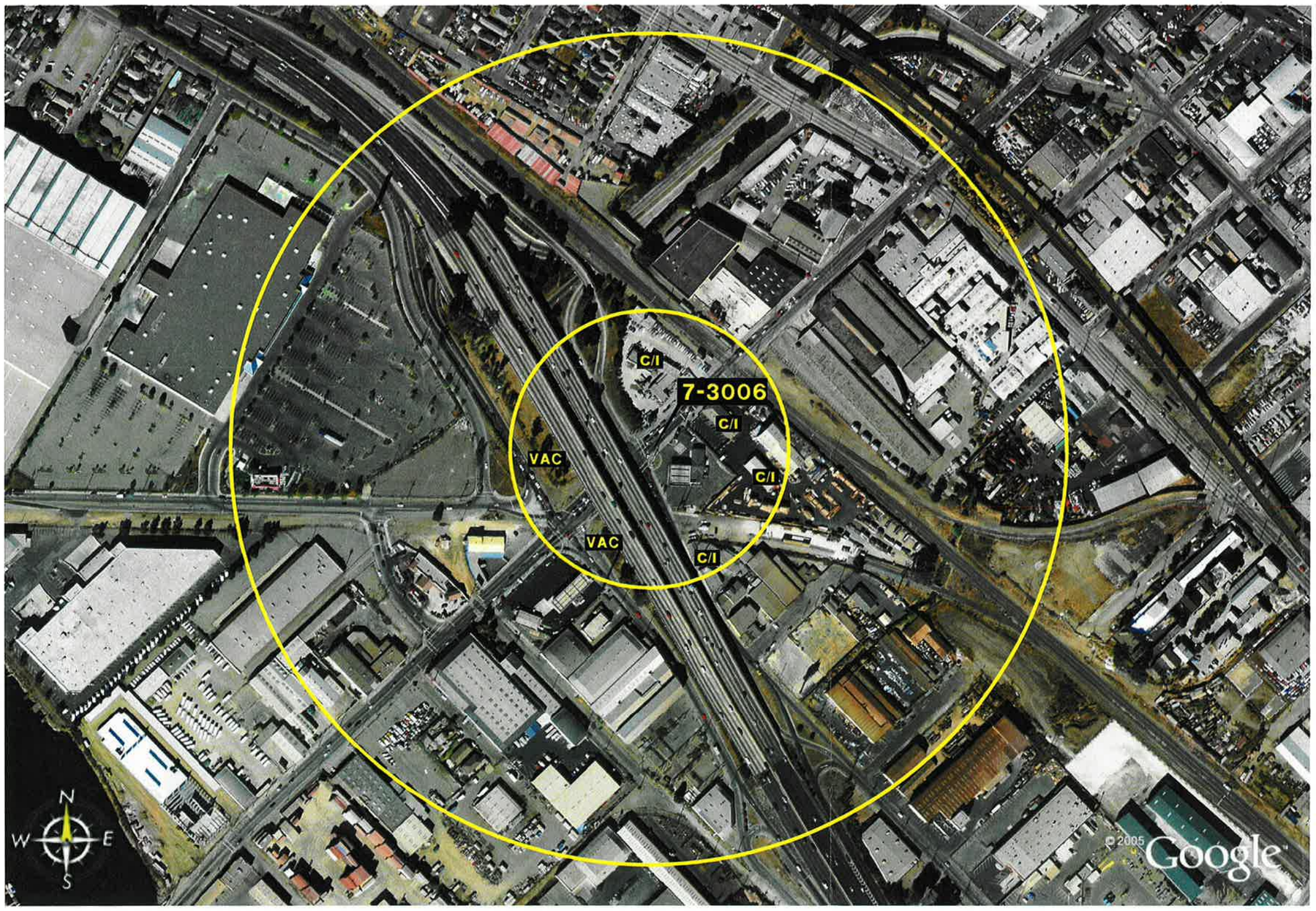
Project	Sheet
2010	3
Scale: 1" = 60'	
File Name: 2010 13 R32 EXT. GSP_RPT	



LEGEND

- C/I — Commericial / Industrial
- VAC — Vacant Lot
- P — Parking Lot
- R — Additional Residential

WELLS

Public or private wells have not been identified within 1,500 meters of the site.

RESIDENCES

1 — Residences were not identified within 100 meters of the site.

SURFACE WATER

1 — Surface water not identified with 300 meters of the site.

PUBLIC USE AREAS

1 — Public use areas not identified within 300 meters of the site.

100-Meter and 300-Meter Radius

APPROXIMATE SCALE

0 80 160 METERS

LOCAL AREA MAP

FORMER EXXON SERVICE STATION 73006
720 High Street
Oakland, California

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PROJECT NO. 2010

PLATE 4

FN 2010 13 R32 SRS AERIAL_RPT

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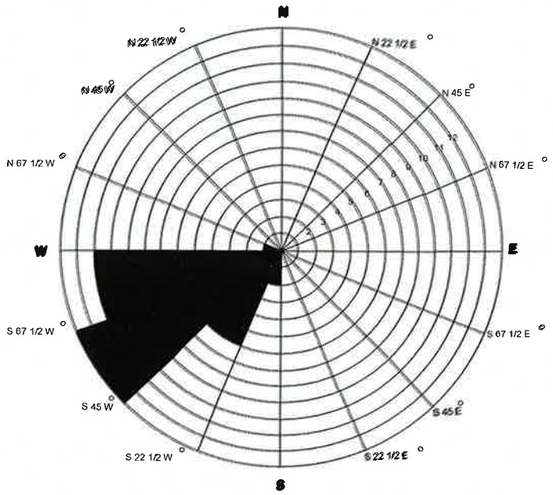
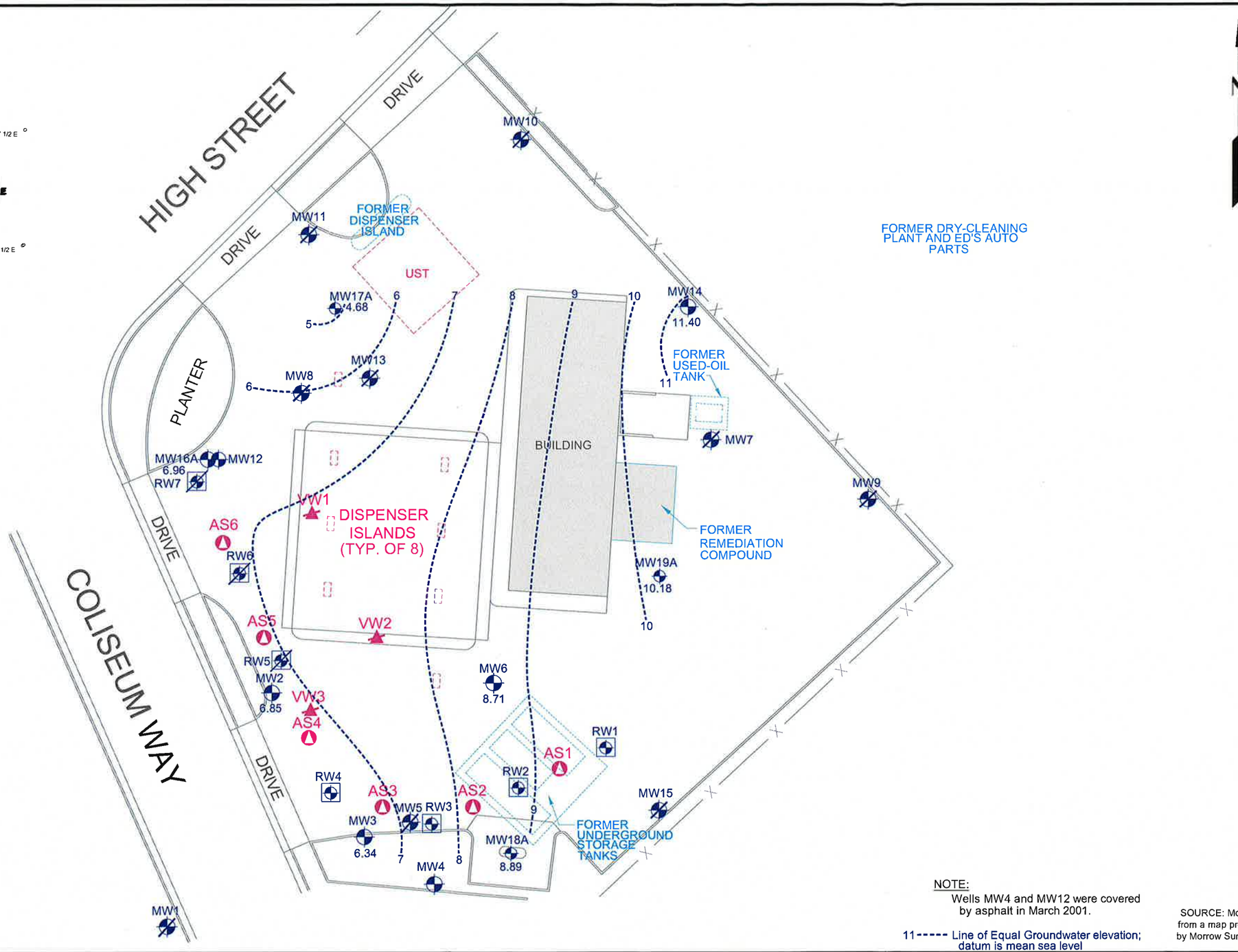


GROUNDWATER FLOW DIRECTION ROSE DIAGRAM

March 11, 2003 through April 16, 2013



APPROXIMATE SCALE

0 30 60 Feet

FN 2010 13 R32 2QTR QM_RPT

NOTE:
Wells MW4 and MW12 were covered by asphalt in March 2001.

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

SOURCE: Modified from a map provided by Morrow Surveying

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GROUNDWATER ELEVATION MAP SHALLOW WATER-BEARING ZONE April 16, 2013

FORMER EXXON SERVICE STATION 73006
720 High Street
Oakland, California

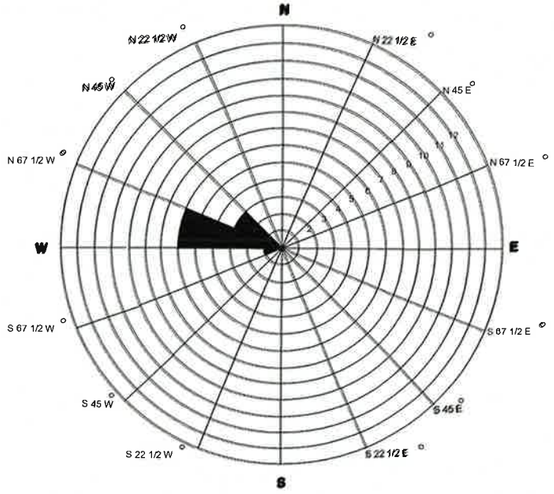
EXPLANATION

- MW19A / 10.18 — Groundwater Monitoring Well; Groundwater elevation in feet; datum is mean sea level
- RW4 — Recovery Well
- AS6 — Air Sparge Well
- VW3 — Destroyed Soil Vapor Extraction Well
- RW7 — Destroyed Recovery Well
- MW15 — Destroyed Groundwater Monitoring Well

PROJECT NO. 2010

PLATE 5

L:\EXXONMOBIL\ExxonMobil Projects\022010C (73006) Oakland\2010 AutoCad\REPORTS\13 R32\13 R32 2QTR QM_RPT.dwg, mary.jones

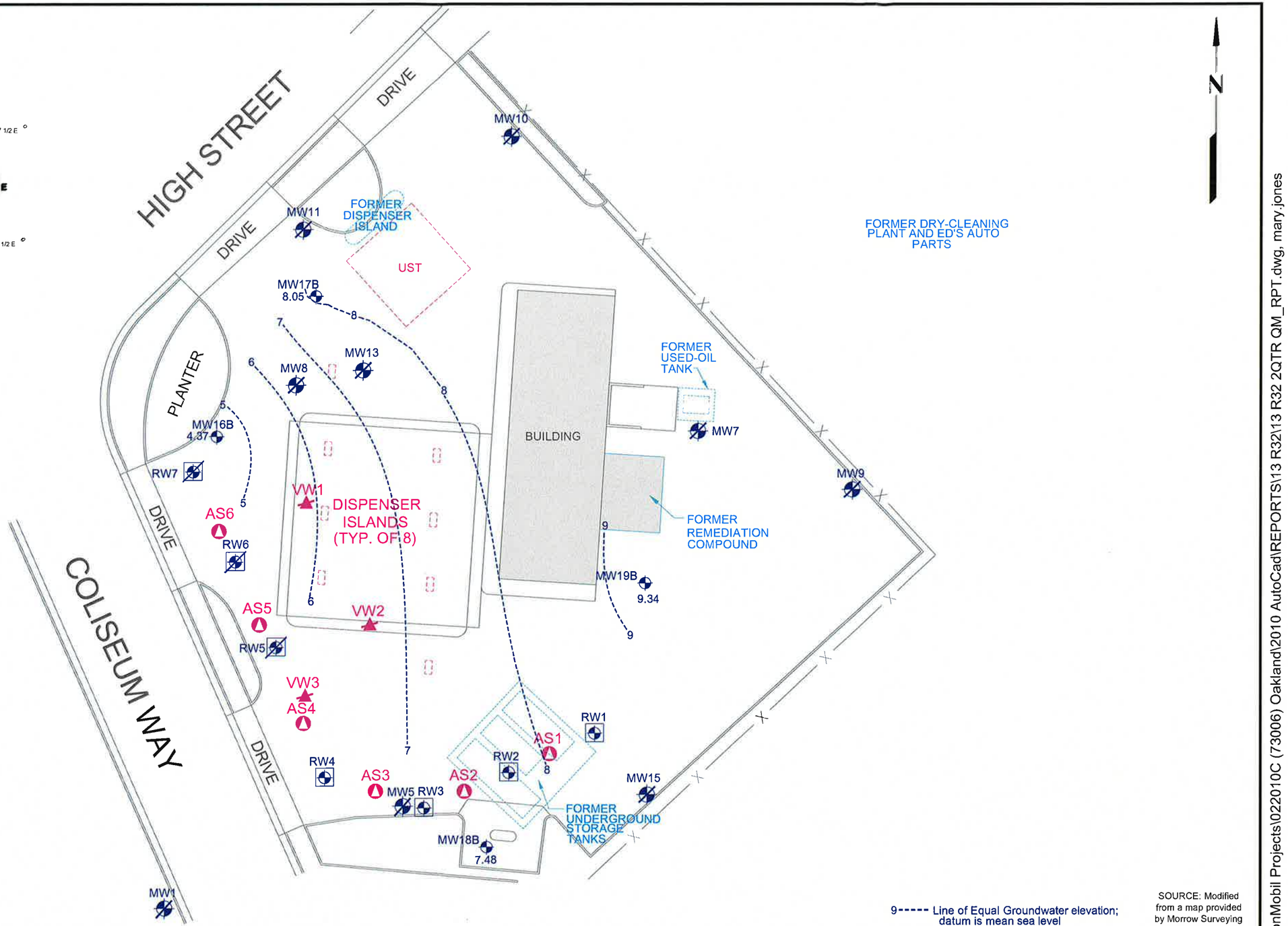


GROUNDWATER FLOW DIRECTION ROSE DIAGRAM

October 1, 2009 through April 16, 2013

NOTE:

Groundwater flow direction measured upgradient from well MW16B.



FN 2010 13 R32 2QTR QM_RPT

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

SOURCE: Modified from a map provided by Morrow Surveying

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GROUNDWATER ELEVATION MAP
DEEP WATER-BEARING ZONE
April 16, 2013

FORMER EXXON SERVICE STATION 73006
720 High Street
Oakland, California

EXPLANATION

- MW19B / 9.34 — Groundwater Monitoring Well; Groundwater elevation in feet; datum is mean sea level
- RW4 — Recovery Well
- AS6 — Air Sparge Well
- VW3 — Destroyed Soil Vapor Extraction Well
- RW7 — Destroyed Recovery Well
- MW15 — Destroyed Groundwater Monitoring Well

PROJECT NO. 2010

PLATE 6

L:\EXXONMOBIL\ExxonMobil Projects\022010C (73006) Oakland\2010 AutoCad\REPORTS\13 R32\13 R32 2QTR QM_RPT.dwg, mary.jones

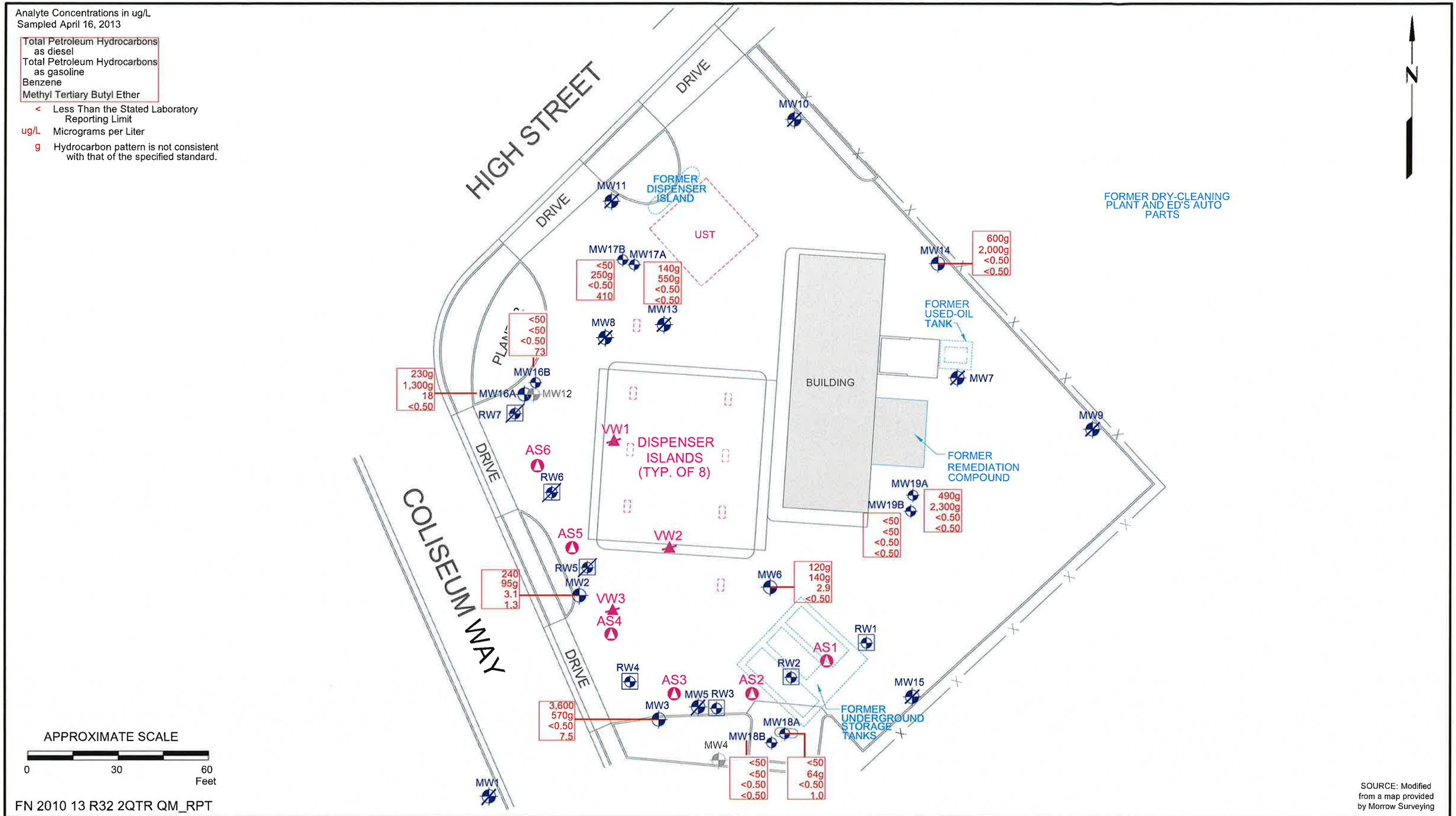
Analyte Concentrations in ug/L
Sampled April 16, 2013

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

< Less Than the Stated Laboratory Reporting Limit

ug/L Micrograms per Liter

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



APPROXIMATE SCALE

0 30 60 Feet

FN 2010 13 R32 2QTR QM_RPT

SOURCE: Modified from a map provided by Morrow Surveying

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SELECT GROUNDWATER ANALYTICAL RESULTS
April 16, 2013

FORMER EXXON SERVICE STATION 73006
720 High Street
Oakland, California

EXPLANATION

MW19B Groundwater Monitoring Well

MW12 Well Paved over - Inaccessible

VW3 Destroyed Soil Vapor Extraction Well

RW7 Destroyed Recovery Well

RW4 Recovery Well

AS6 Air Sparge Well

MW15 Destroyed Groundwater Monitoring Well

PROJECT NO. 2010

PLATE 7

L:\EXXONMOBIL\ExxonMobil Projects\022010C (73006) Oakland\2010 AutoCad\REPORTS\13 R32\13 R32 2QTR QM_RPT.dwg, mary.jones

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

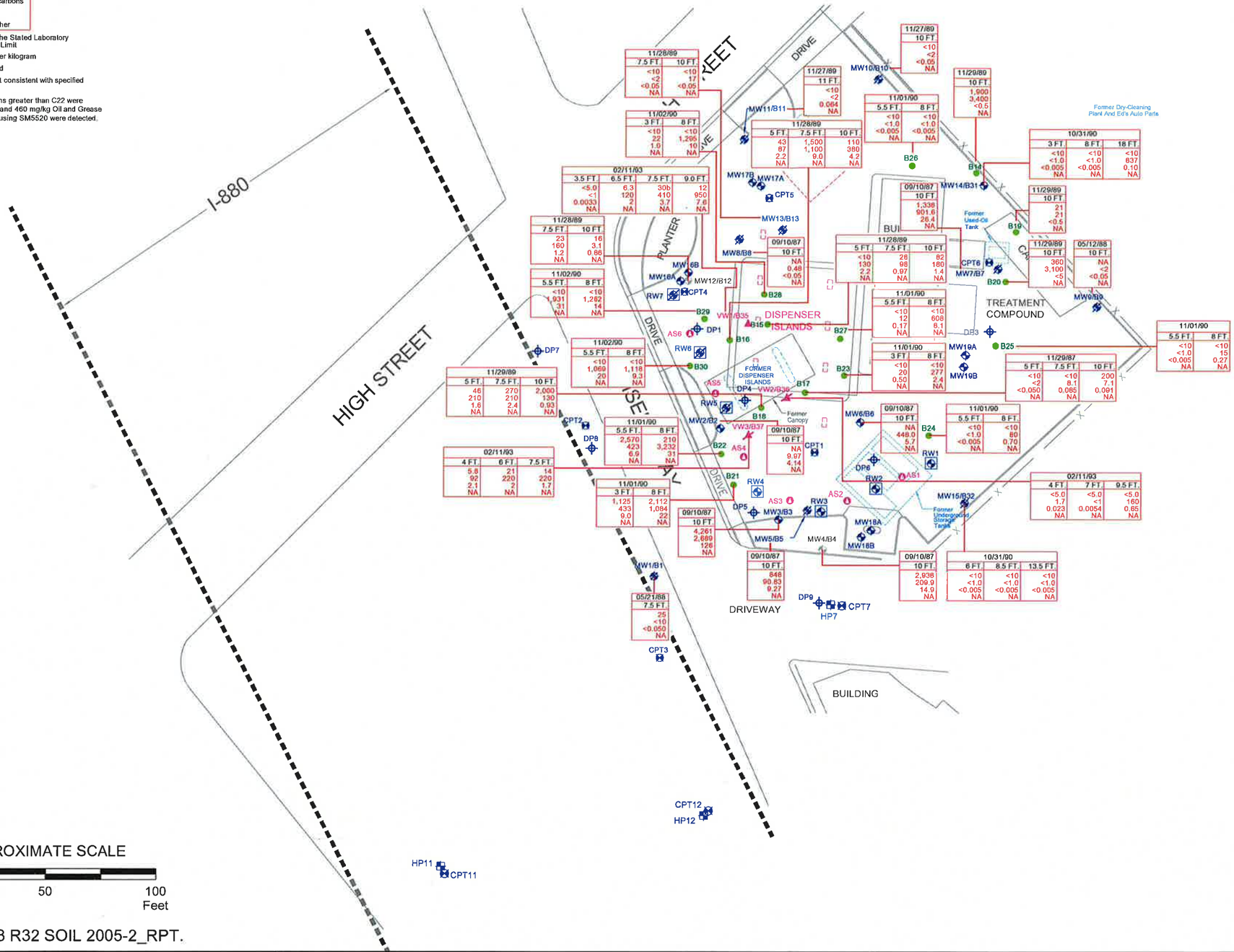
< Less Than the Stated Laboratory Reporting Limit

mg/kg Milligrams per kilogram

NA Not Analyzed

a Result is not consistent with specified fuel.

b Hydrocarbons greater than C22 were detected, and 460 mg/kg Oil and Grease analyzed using SM5520 were detected.



FN 2010 13 R32 SOIL 2005-2_RPT.

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RESIDUAL HYDROCARBONS IN SOIL PRE-REMEDIATION

FORMER EXXON SERVICE STATION 73006
720 High Street
Oakland, California

EXPLANATION

- MW19B 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
- B30 Soil Boring/Soil Sample
- VW1/B35 Soil Vapor Extraction Well
- MW15 Destroyed Groundwater Monitoring Well
- VW3/B37 Soil Vapor Extraction Well
- MW12/B12 Well Paved over - Inaccessible

PROJECT NO. 2010

PLATE 8

L:\EXXONMOBIL\ExxonMobil Projects\022010C (73006) Oakland\2010 AutoCad\REPORTS\13 R32\13 R32 13 R32 SOIL 2005-2_RPT.dwg, mary.jones

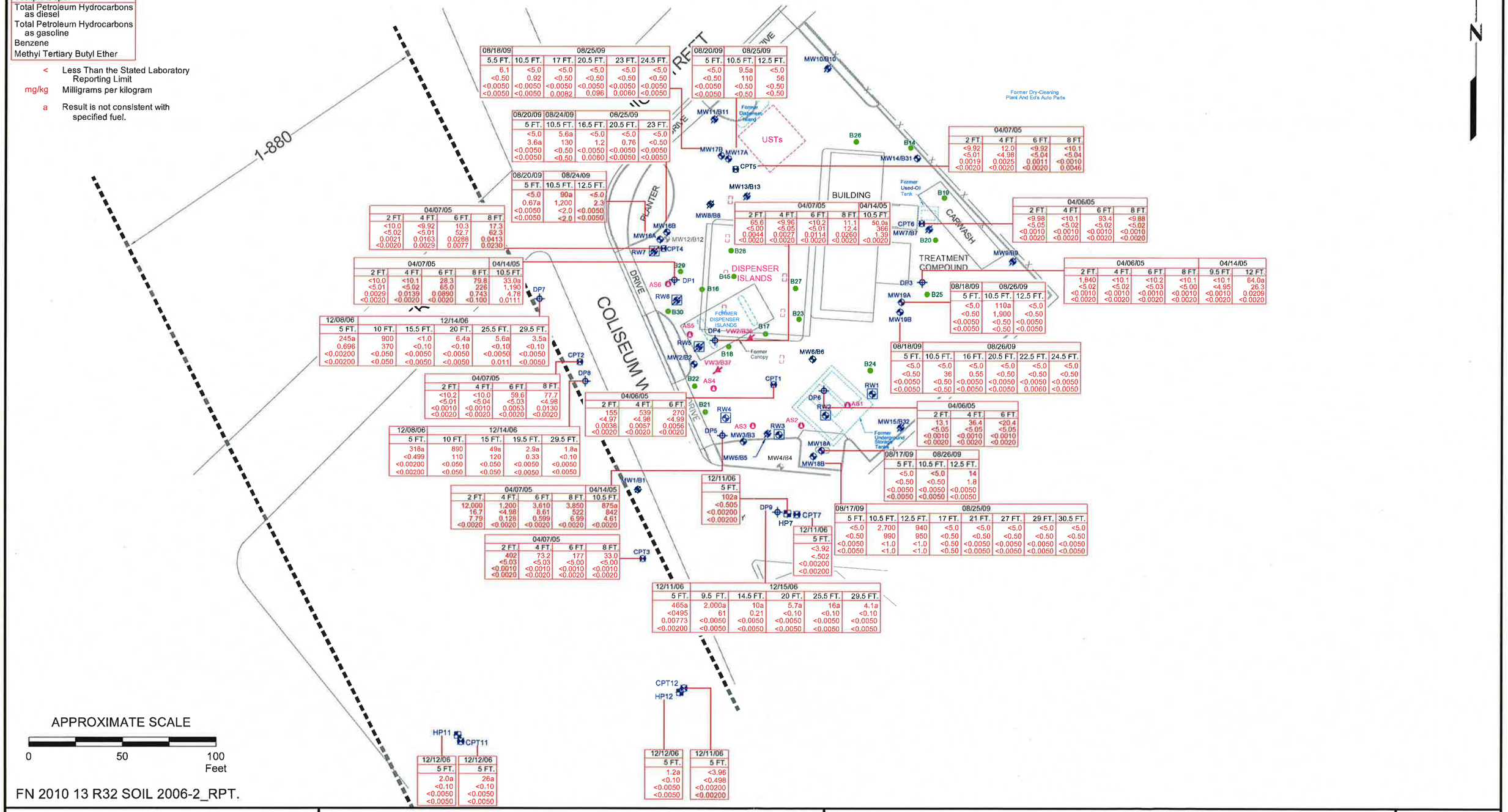
Analyte Concentrations in mg/kg

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

< Less Than the Stated Laboratory Reporting Limit

mg/kg Milligrams per kilogram

a Result is not consistent with specified fuel.



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	

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.
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	0.0260	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				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	65.9	226	1,190
0.0029	0.0139	0.0890	0.743	4.78
<0.0020	<0.0020	<0.0020	<0.100	0.0111

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

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

04/07/05				
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	

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	

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

12/12/06	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

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

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

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
<.502
<0.00200
<0.00200

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

FN 2010 13 R32 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

- MW19B — 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
- B30 — Soil Boring/Soil Sample
- MW15 — Destroyed Groundwater Monitoring Well
- VW3/B37 — Soil Vapor Extraction Well
- MW12/B12 — Well Paved over - Inaccessible

PROJECT NO. 2010

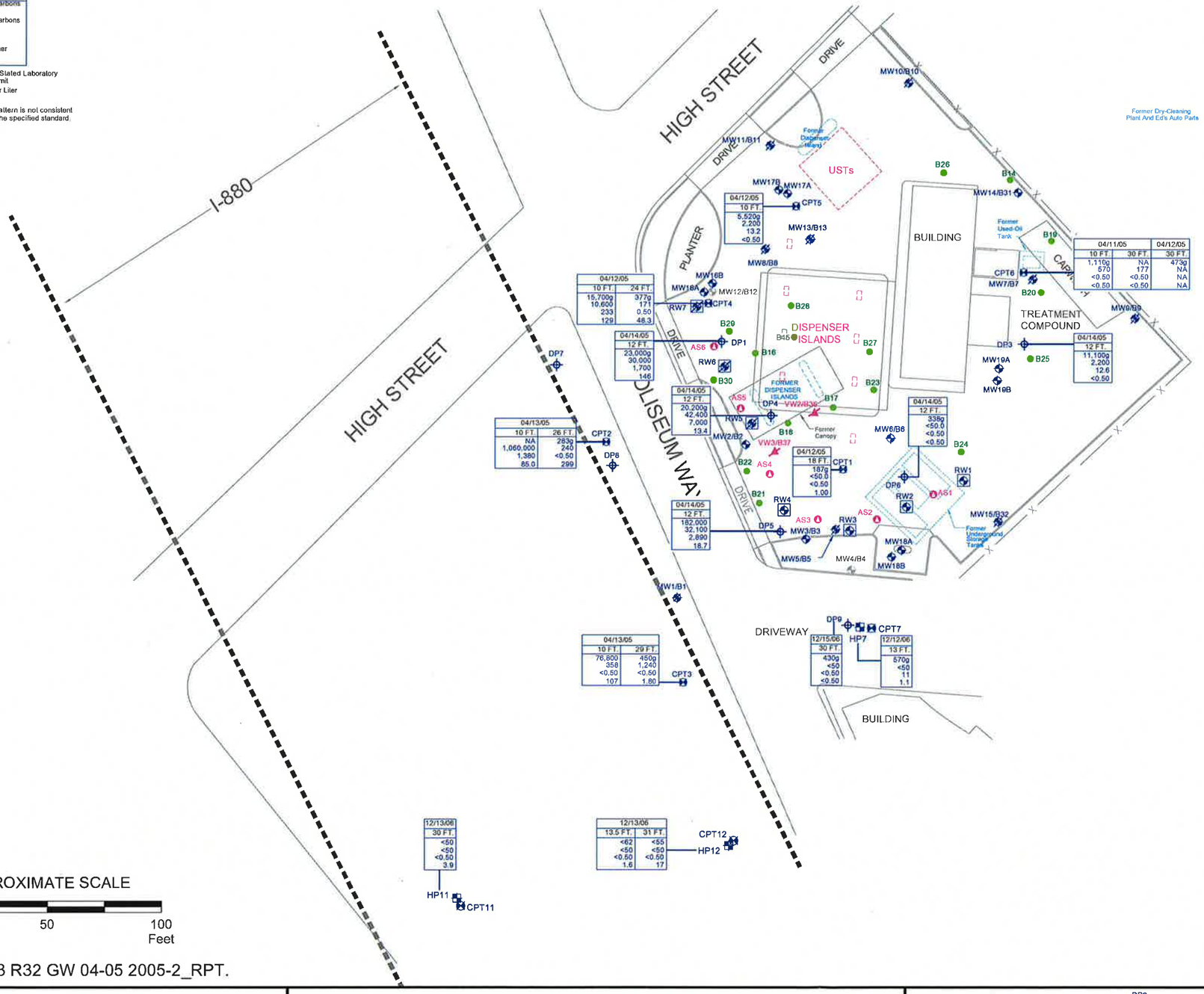
PLATE 9

L:\EXXONMOBIL\ExxonMobil Projects\022010C (73006) Oakland\2010 AutoCad\REPORTS\13 R32\13 R32 SOIL 2006-2_RPT.dwg, mary.jones

Analyte Concentrations in ug/L

Sample Date
Sample Depth
Total Petroleum Hydrocarbons as diesel
Total Petroleum Hydrocarbons as gasoline
Benzene
Methyl Tertiary Butyl Ether (EPA Method 8260B)

< Less Than the Stated Laboratory Reporting Limit
ug/L Micrograms per Liter
NA Not Analyzed
g Hydrocarbon pattern is not consistent with that of the specified standard.



04/12/05	
10 FT.	24 FT.
15,700g	377g
10,600	171
233	0.50
129	48.3

04/14/05
12 FT.
23,000g
30,000
1,700
146

04/14/05
12 FT.
20,200g
42,400
7,000
13.4

04/14/05
12 FT.
182,000
32,100
2,890
18.7

04/12/05
18 FT.
187g
<50.6
<0.50
1.00

04/14/05
12 FT.
338g
<50.0
<0.50
<0.50

04/12/05
10 FT.
5,520g
2,200
13.2
<0.50

04/11/05		04/12/05
10 FT.	30 FT.	30 FT.
1,110g	NA	473g
570	177	NA
<0.50	<0.50	NA
<0.50	<0.50	NA

04/14/05
12 FT.
11,100g
2,200
12.6
<0.50

04/13/05	
10 FT.	26 FT.
NA	283g
1,060,000	240
1,380	<0.50
85.0	299

04/13/05	
10 FT.	29 FT.
76,800	450g
358	1,240
<0.50	<0.50
107	1.80

12/15/06		12/12/06
30 FT.	HP7	13 FT.
430g		570g
<50		<50
<0.50		11
<0.50		1.1

12/13/06
30 FT.
<50
<50
<0.50
3.9

12/13/06	
13.5 FT.	31 FT.
<62	<55
<50	<50
<0.50	<0.50
1.6	17

FN 2010 13 R32 GW 04-05 2005-2_RPT.

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SELECT GRAB GROUNDWATER ANALYTICAL RESULTS

FORMER EXXON SERVICE STATION 73006
720 High Street
Oakland, California

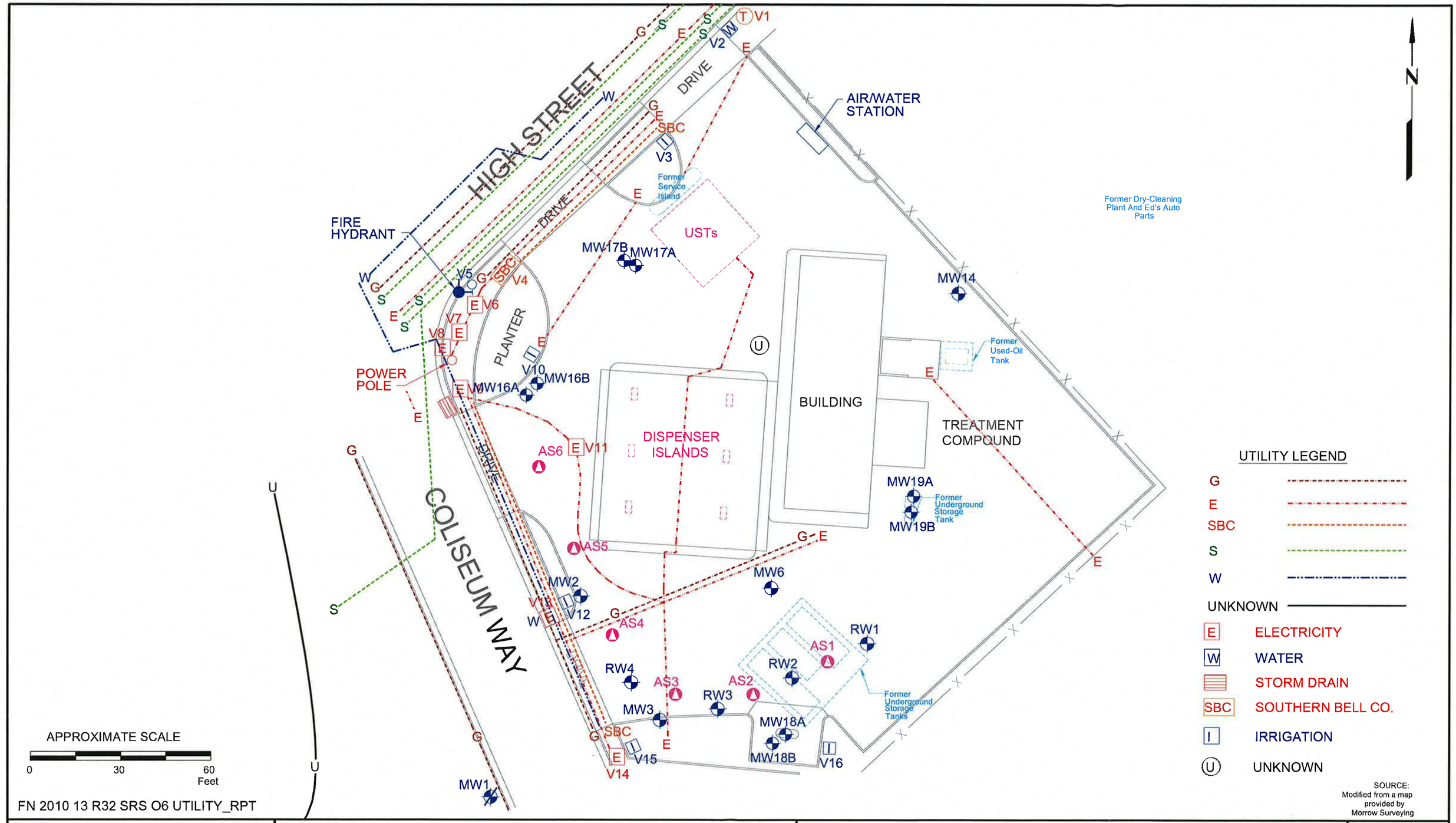
EXPLANATION

- MW19B 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
- B30 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 10

L:\EXXONMOBIL\ExxonMobil Projects\022010C (73006) Oakland\2010 AutoCad\REPORTS\13 R32\13 R32 GW 04-05 2005-2_RPT.dwg, mary.jones



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VAULT/UTILITY MAP

FORMER EXXON SERVICE STATION 73006
720 High Street
Oakland, California

EXPLANATION

MW19B Groundwater Monitoring Well

MW1 Destroyed Groundwater Monitoring Well

AS6 Air Sparge Well

PROJECT NO. 2010

PLATE 11

L:\EXXONMOBIL\ExxonMobil Projects\022010C (73006) Oakland\2010 AutoCad\REPORTS\13 R32\13 R32 06 SRS UTILITY_RPT.dwg, mary.jones

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

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	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	---	---	---	---	---	---	---	---
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 in compliance with AB 2886 requirements.										
MW1	03/11/02 k	---	12.79	5.39	7.40	No	<50.0	116	110	160	1.10	<0.50	<0.50	<0.50
MW1	03/11/03	---	12.79	6.63	6.16	No	<50	153	188	179	<0.5	<0.5	<0.5	<0.5
MW1	03/26/04	---	12.79	6.18	6.61	No	74g	<50.0	---	171	<0.50	0.5	<0.5	<0.5

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	11/02/04	---	12.79	6.44	6.35	No	75g	145	---	137	0.50	<0.5	<0.5	<0.5
MW1	02/04/05	---	12.79	5.01	7.78	No	158g	132	---	120	<0.50	<0.5	<0.5	<0.5
MW1	05/02/05	---	12.79	4.66	8.13	No	386g	131	---	138	<0.50	<0.5	<0.5	<0.5
MW1	08/01/05	---	12.79	5.51	7.28	No	129g	89.8	---	98.4	0.70	<0.5	<0.5	<0.5
MW1	10/25/05	---	12.79	5.54	7.25	No	<50.0	67.2	---	84.1	<0.50	<0.50	<0.50	<0.50
MW1	01/24/06	---	12.79	4.07	8.72	No	<50	71	---	91	<0.50	<0.50	<0.50	<0.50
MW1	04/28/06	---	12.79	4.01	8.78	No	<47	80 l	---	92n	<0.50n	<0.50	<0.50	<0.50
MW1	08/04/06	---	12.79	4.78	8.01	No	159	70.9	---	71.0	<0.50	<0.50	<0.50	<0.50
MW1	10/06/06	---	12.79	7.02	5.77	No	<47	70 l	---	98	<0.50	<0.50	<0.50	<0.50
MW1	01/12/07	---	12.79	Well inaccessible.										
MW1	03/26/07	---	Well destroyed.											
MW2	09/10/87	---	Well installed.						---					
MW2	Sept 1987	---	12.98	---	---	---	---	1,445	---	---	233	810	56	209
MW2	May 1988	---	12.98	---	---	LPH	---	---	---	---	---	---	---	---
MW2	04/25/89	---	12.98	9.27	5.44	2.16	---	---	---	---	---	---	---	---
MW2	07/19/89	---	12.98	10.81	3.42	1.56	---	---	---	---	---	---	---	---
MW2	07/27/89	---	12.98	10.18	2.90	0.13	---	---	---	---	---	---	---	---
MW2	09/06/89	---	12.98	10.89	2.16	0.09	---	---	---	---	---	---	---	---
MW2	09/22/89	---	12.98	11.56	1.87	0.56	---	---	---	---	---	---	---	---
MW2	11/01/89	---	12.98	10.85	2.20	0.09	---	---	---	---	---	---	---	---
MW2	11/15/89	---	12.98	11.05	1.99	0.07	---	---	---	---	---	---	---	---
MW2	12/06/89	---	12.98	10.23	2.85	0.13	---	---	---	---	---	---	---	---
MW2	02/20/90	---	12.98	8.86	4.35	0.29	---	---	---	---	---	---	---	---
MW2	04/19/90	---	12.98	9.09	3.97	0.10	---	---	---	---	---	---	---	---
MW2	07/03/90	---	12.98	8.75	4.27	0.05	---	---	---	---	---	---	---	---
MW2	07/26/90	---	12.98	8.71	4.35	0.10	---	---	---	---	---	---	---	---
MW2	08/20/90	---	12.98	9.25	3.75	0.02	---	---	---	---	---	---	---	---
MW2	09/19/90	---	12.98	9.79	3.21	0.02	---	---	---	---	---	---	---	---
MW2	11/27/90	---	12.98	10.40	2.64	0.07	---	---	---	---	---	---	---	---
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	---	---	---	---	---	---	---	---

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	10/14/92	---	12.98	9.34	3.66	0.02[1/2 c.]	---	---	---	---	---	---	---	---
MW2	11/16/92	---	12.98	9.16	3.84	0.02 [1/2 c.]	---	---	---	---	---	---	---	---
MW2	12/08/92	---	12.98	8.93	4.07	0.02[1/2 c.]	---	---	---	---	---	---	---	---
MW2	01/27/93	---	12.98	5.76	7.22	Sheen	---	---	---	---	---	---	---	---
MW2	02/18/93	---	12.98	4.21	8.78	0.01	---	---	---	---	---	---	---	---
MW2	03/10/93	---	12.98	6.75	6.23	Sheen	---	---	---	---	---	---	---	---
MW2	04/06/93	---	12.98	5.37	7.61	Sheen	---	---	---	---	---	---	---	---
MW2	05/28/93	---	12.98	---	---	[2 c.]	---	---	---	---	---	---	---	---
MW2	06/10/93	---	12.98	---	---	[1/2 c.]	---	---	---	---	---	---	---	---
MW2	07/17/93	---	12.98	---	---	[2 c.]	---	---	---	---	---	---	---	---
MW2	08/11/93	---	12.98	---	---	[1/2 c.]	---	---	---	---	---	---	---	---
MW2	09/01/93	---	12.98	---	---	[1/2 c.]	---	---	---	---	---	---	---	---
MW2	10/26/93	---	12.98	---	---	Sheen	---	---	---	---	---	---	---	---
MW2	11/12/93	---	12.98	---	---	---	---	---	---	---	---	---	---	---
MW2	12/27/93	---	12.98	---	---	---	---	---	---	---	---	---	---	---
MW2	01/20/94	---	12.98	---	---	---	---	---	---	---	---	---	---	---
MW2	02/02/94 - 02/03/94	---	12.98	---	---	---	---	---	---	---	---	---	---	---
MW2	03/10/94	---	12.98	6.96	6.29	[8 c.]	---	---	---	---	---	---	---	---
MW2	04/22/94	---	12.98	---	---	[10 c.]	---	---	---	---	---	---	---	---
MW2	05/10/94 - 05/11/94	---	12.98	---	---	[5 c.]	---	---	---	---	---	---	---	---
MW2	06/27/94	---	12.98	7.10	5.88	Sheen	---	---	---	---	---	---	---	---
MW2	08/31/94	---	12.98	8.58	4.40	Sheen	---	---	---	---	---	---	---	---
MW2	09/29/94	---	12.98	9.11	3.87	Sheen	---	---	---	---	---	---	---	---
MW2	10/25/94	---	12.98	7.76	5.22	Sheen	---	---	---	---	---	---	---	---
MW2	11/30/94	---	12.98	7.33	5.65	---	---	---	---	---	---	---	---	---
MW2	12/27/94	---	12.98	6.77	6.21	Sheen	---	---	---	---	---	---	---	---
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

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)
MW2	03/24/99	---	12.98	4.47	8.51	No	1,440	14,000	<40	---	1,300	336	786	3,420
MW2	06/22/99	---	12.98	6.42	6.56	No	2,310	1,080	25.2	---	54.3	14.9	38.8	107
MW2	09/29/99	---	12.98	8.00	4.98	No	2,720e	517	15.4	---	37.5	7.48	12.9	15.2
MW2	12/21/99	---	12.98	8.10	4.88	No	6,300	3,200	<2	---	360	5.5	120	106
MW2	03/21/00	---	12.98	Well inaccessible.										
MW2	03/30/01	---	12.98	3.09	9.89	No	510	200	---	110	7.2	<0.5	2.4	2.1
MW2	11/01/01	---	13.06	Well surveyed in compliance with AB 2886 requirements.										
MW2	03/11/02 k	---	13.06	3.78	9.28	No	293	<1,000	62.0	30	<10.0	<10.0	<10.0	<10.0
MW2	03/11/03	---	13.06	5.49	7.57	No	422	1,490	325	428	279	3.0	9.8	18.9
MW2	03/27/04	---	13.06	4.65	8.41	No	184g	254	---	131	6.80	0.5	<0.5	1.2
MW2	11/02/04	---	13.06	4.43	8.63	No	96	52.0	---	8.00	1.40	<0.5	<0.5	<0.5
MW2	02/04/05	---	13.06	3.32	9.74	No	372g	66.0	---	8.30	<0.50	<0.5	<0.5	<0.5
MW2	05/02/05	---	13.06	2.74	10.32	No	195g	84.2	---	5.30	<0.50	<0.5	<0.5	<0.5
MW2	08/01/05	---	13.06	2.99	10.07	No	344g	<50.0	---	1.70	0.60	<0.5	<0.5	<0.5
MW2	10/25/05	---	13.06	2.08	10.98	No	55.3g	<50.0	---	1.22	<0.50	<0.50	<0.50	<0.50
MW2	01/24/06	---	13.06	2.77	10.29	No	170g	<50	---	1.6	<0.50	<0.50	<0.50	<0.50
MW2	04/28/06	---	13.06	1.46	11.60	No	6,900m	<50	---	1.4n	0.99n	<0.50	<0.50	<0.50
MW2	08/04/06	---	13.06	1.52	11.54	No	145	<50.0	---	0.820	<0.50	<0.50	<0.50	<0.50
MW2	10/06/06	---	13.06	5.55	7.51	No	90g	<50	---	2.1	0.78	<0.50	<0.50	<0.50
MW2	01/12/07	---	13.06	5.50	7.56	No	180g	95	---	7.0	7.6	<0.50	<0.50	<0.50
MW2	04/09/07	---	13.06	5.68	7.38	No	230g	115	---	8.99	1.36j	<0.50	<0.50	0.62
MW2	08/06/07	---	13.06	6.15	6.91	No	160g	83	---	7.4	0.65	<0.50	<0.50	<0.50
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**

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	09/10/87	---	Well installed.						---					
MW3	Sept 1987	---	12.92	---	---	---	660	2,101	---	---	360	1,062	68	298
MW3	May 1988	---	12.92	---	---	---	---	8,700	---	---	3,980	280	240	600
MW3	04/25/89	---	12.92	7.57	5.43	0.08	---	---	---	---	---	---	---	---
MW3	07/19/89	---	12.92	10.33	3.14	0.66	---	---	---	---	---	---	---	---
MW3	07/27/89	---	12.92	Well inaccessible.										
MW3	09/06/89	---	12.92	11.22	1.78	0.07	---	---	---	---	---	---	---	---
MW3	09/22/89	---	12.92	11.38	1.78	0.28	---	---	---	---	---	---	---	---
MW3	11/01/89	---	12.92	10.90	2.05	0.01	---	---	---	---	---	---	---	---
MW3	11/15/89	---	12.92	11.18	1.85	0.11	---	---	---	---	---	---	---	---
MW3	12/06/89	---	12.92	10.29	2.65	Sheen	---	---	---	---	---	---	---	---
MW3	02/20/90	---	12.92	8.73	4.24	0.04	---	---	---	---	---	---	---	---
MW3	04/19/90	---	12.92	9.20	3.81	0.09	---	---	---	---	---	---	---	---
MW3	07/03/90	---	12.92	8.50	4.46	0.03	---	---	---	---	---	---	---	---
MW3	07/26/90	---	12.92	8.58	4.39	0.04	---	---	---	---	---	---	---	---
MW3	08/20/90	---	12.92	9.21	3.74	0.01	---	---	---	---	---	---	---	---
MW3	09/19/90	---	12.92	10.02	3.20	0.35	---	---	---	---	---	---	---	---
MW3	11/27/90	---	12.92	10.72	2.56	0.42	---	---	---	---	---	---	---	---
MW3	01/17/91	---	12.92	10.05	2.97	0.10	---	---	---	---	---	---	---	---
MW3	03/26/91	---	12.92	7.65	5.37	0.10	---	---	---	---	---	---	---	---
MW3	05/02/91	---	12.92	8.54	4.42	0.03	---	---	---	---	---	---	---	---
MW3	06/20/91	---	12.92	8.89	4.07	0.03	---	---	---	---	---	---	---	---
MW3	08/07/91	---	12.92	9.99	2.97	0.03	---	---	---	---	---	---	---	---
MW3	09/17/91	---	12.92	10.32	2.80	0.22	---	---	---	---	---	---	---	---
MW3	11/13/91	---	12.92	10.14	2.99	0.24	---	---	---	---	---	---	---	---
MW3	12/10/91	---	12.92	10.10	2.93	0.11	---	---	---	---	---	---	---	---
MW3	01/21/92	---	12.92	9.07	3.92	0.06	---	---	---	---	---	---	---	---
MW3	03/25/92	---	12.92	5.96	7.01	0.04	---	---	---	---	---	---	---	---
MW3	06/22/92	---	12.92	8.07	4.89	0.02[1/2 c.]	---	---	---	---	---	---	---	---
MW3	09/24/92	---	12.92	9.29	3.65	Sheen	---	---	---	---	---	---	---	---
MW3	10/14/92	---	12.92	9.49	3.47	0.02[1/2 c.]	---	---	---	---	---	---	---	---
MW3	11/16/92	---	12.92	9.29	3.67	0.02[1/2 c.]	---	---	---	---	---	---	---	---
MW3	12/08/92	---	12.92	9.08	3.88	0.02[1/2 c.]	---	---	---	---	---	---	---	---
MW3	01/27/93	---	12.92	5.65	7.29	Sheen	---	---	---	---	---	---	---	---
MW3	02/18/93	---	12.92	4.63	8.31	Sheen	---	---	---	---	---	---	---	---
MW3	03/10/93	---	12.92	5.53	7.41	Sheen	---	---	---	---	---	---	---	---
MW3	04/06/93	---	12.92	5.10	7.84	Sheen	---	---	---	---	---	---	---	---
MW3	05/28/93	---	12.92	6.50	6.44	Sheen	---	---	---	---	---	---	---	---
MW3	06/10/93	---	12.92	6.65	6.29	Sheen	---	---	---	---	---	---	---	---
MW3	07/17/93	---	12.92	7.03	5.91	Sheen	---	---	---	---	---	---	---	---
MW3	08/11/93	---	12.92	7.56	5.38	Sheen	3,200/140q	5,100	---	---	1,300/2,000o	12/<2.5o	87/160o	47/60o
MW3	09/01/93	---	12.92	8.20	4.75	0.01	---	---	---	---	---	---	---	---

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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	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 in compliance with AB 2886 requirements.										
MW3	03/11/02 k	---	13.71	4.72	8.99	No	19,100	<2,500	130	175	165	<25.0	<25.0	<25.0
MW3	03/11/03	---	13.71	6.23	7.48	No	1,190	887	122	119	71.9	0.8	1.1	2.0
MW3	03/26/04	---	13.71	5.47	8.24	No	16,500g	1,350	---	98.4	30.8	1.6	<0.5	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

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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	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**
MW4	09/10/87	---	Well installed.						---					
MW4	Sept 1987	---	12.77	---	---	---	740	92,500	---	---	70	7	10	16
MW4	May 1988	---	12.77	---	---	LPH	---	---	---	---	---	---	---	---
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	---	---	---	---	---	---	---	---

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	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	---	---	---	---	---	---	---	---	---	---	---
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	---	---	---	---	---	---	---	---

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	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	Prior to September 1987	---	Well installed.						---					
MW5	Sept 1987	---	8.38	---	---	---	37,220	26,600	---	---	560	1,710	1,580	7,150
MW5	May 1988	---	8.38	---	---	LPH	---	---	---	---	---	---	---	---
MW5	04/25/89	---	8.38	8.06	0.32	No	---	---	---	---	---	---	---	---
MW5	07/18/89	---	Well destroyed.											
MW6	09/10/87	---	Well installed.						---					
MW6	May 1988	---	14.27	---	---	---	---	29,300	---	---	12,820	550	1,440	5,500
MW6	04/25/89	---	14.27	8.02	6.25	No	---	---	---	---	---	---	---	---
MW6	09/06/89	---	14.27	13.64	0.69	0.08	---	---	---	---	---	---	---	---
MW6	09/22/89	---	14.27	13.79	0.54	0.07	---	---	---	---	---	---	---	---
MW6	11/01/89	---	14.27	12.78	1.49	Sheen	---	---	---	---	---	---	---	---
MW6	11/15/89	---	14.27	12.91	1.36	Sheen	---	---	---	---	---	---	---	---

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	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	---	---	---	---	---	---	---	---	---	---	---
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	---	---	---	---	---	---	---	---

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	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 in compliance with AB 2886 requirements.										
MW6	03/11/02 k	---	14.23	4.55	9.68	No	1,460	7,660	45.0	<5.0	2,200	25.0 j	410	285
MW6	03/11/03	---	14.23	5.79	8.44	No	1,100	5,120	15.7	1.80	920	3.2	36	19.4
MW6	03/26/04	---	14.23	5.22	9.01	No	596g	5,090	---	0.70	1,130	14.7	164	62.9
MW6	11/02/04	---	14.23	4.84	9.39	No	1,000g	4,320	---	<0.50	793	3.6	178	53.0
MW6	02/04/05	---	14.23	3.83	10.40	No	1,410g	3,950	---	<0.50	1,210	9.4	110	22.6
MW6	05/02/05	---	14.23	3.18	11.05	No	852g	4,900	---	<0.50	755	6.6	189	20.9
MW6	08/01/05	---	14.23	3.92	10.31	No	1,290g	3,320	---	1.20	597	5.1	64.7	47.5
MW6	10/25/05	---	14.23	3.93	10.30	No	861g	2,870	---	1.48	496	4.24	63.5	35.9
MW6	01/24/06	---	14.23	2.81	11.42	No	570g	4,000	---	<5.0	590	<25	51	<25
MW6	04/28/06	---	14.23	2.68	11.55	No	400g	3,600	---	2.3n	600n	<12	60	<12
MW6	08/04/06	---	14.23	3.07	11.16	No	899	4,070	---	0.920	294	4.42	74.1	19.9
MW6	10/06/06	---	14.23	5.64	8.59	No	430g,j	1,900	---	<0.50	140	<12	24	<12
MW6	01/12/07	---	14.23	5.82	8.41	No	300g	1,700	---	<0.50	98	<5.0	16	<5.0
MW6	04/09/07	---	14.23	6.03	8.20	No	230g	2,150	---	<0.500	116j	1.66	12.3	6.39
MW6	08/06/07	---	14.23	6.40	7.83	No	190g	<500	---	<0.50	85	<5.0	<5.0	<5.0

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW6	11/15/07	---	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**
MW7	Prior to September 1987	---	Well installed.						---					
MW7	Sept 1987	---	14.84	---	---	---	1,531	2,790	---	---	258	2	<2	42
MW7	May 1988	---	14.84	---	---	---	---	19	---	---	300o	<10o	<10o	<10o
MW7	04/25/89	---	14.84	8.66	6.18	No	---	---	---	---	---	---	---	---
MW7	09/06/89	---	14.84	11.72	3.12	Sheen	---	---	---	---	---	---	---	---
MW7	09/22/89	---	14.84	11.89	2.95	No	---	---	---	---	---	---	---	---
MW7	12/06/89	---	14.84	10.46	4.38	No	2,500	1,700	---	---	220	5.3	5	8.6
MW7	02/20/90	---	14.84	8.44	6.40	No	---	---	---	---	---	---	---	---
MW7	04/19/90	---	14.84	9.54	5.30	No	3,500	2,700	---	---	220	8.6	7	20
MW7	07/03/90	---	14.84	7.54	7.39	No	910	2,500	---	---	380	13	16	35
MW7	07/26/90	---	14.84	8.08	6.76	No	---	---	---	---	---	---	---	---
MW7	08/20/90	---	14.84	8.82	6.02	No	---	---	---	---	---	---	---	---
MW7	09/19/90	---	14.84	9.01	5.83	No	---	---	---	---	---	---	---	---
MW7	11/27/90	---	14.84	9.54	5.30	No	1,300	2,300	---	---	630	16	32	29
MW7	01/17/91	---	14.84	8.50	6.34	No	---	---	---	---	---	---	---	---
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

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

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	12/02/97	---	14.84	8.65	6.19	No	1,100	2,000	14	---	33	2.2	2.0	5.8
MW7	03/24/98	---	14.84	6.40	8.44	No	950	2,300	<25	---	73	<5.0	<5.0	22
MW7	06/23/98	---	14.84	8.34	6.50	No	1,600	4,700	140	---	50	<5.0	12	20
MW7	09/29/98	---	14.84	9.76	5.08	No	630	700	<5.0	---	2.7	1.3	2.4	5.3
MW7	12/30/98	---	14.84	8.86	5.98	No	1,700	1,400	<5.0	---	17	7.7	2.8	16
MW7	03/24/99	---	14.84	5.48	9.36	Sheen	860	1,740	6.73	---	59.2	2.76	4.33	15.1
MW7	06/22/99	---	14.84	6.54	8.30	No	5,330	3,250	<4.0	---	59.5	3.96	2.89	6.38
MW7	09/29/99	---	14.84	8.45	6.39	No	1,750f	1,360c,d	<25	---	3.07	<2.5	5.02	6.32
MW7	12/21/99	---	14.84	8.39	6.45	No	4,600	2,900	<2	---	47	2	1.7	8.53
MW7	03/21/00	---	14.84	4.72	10.12	No	1,500	760	<2	---	43	2	2.2	10.8
MW7	12/21/00	---	Well destroyed.											
MW8	Prior to September 1987	---	Well installed.						---					
MW8	Sept 1987	---	13.45	---	---	---	---	1,325	---	---	81	74	42	182
MW8	May 1988	---	13.45	---	---	LPH	---	---	---	---	---	---	---	---
MW8	04/25/89	---	13.45	8.31	5.67	0.66	---	---	---	---	---	---	---	---
MW8	07/19/89	---	13.45	10.97	3.48	1.25	---	---	---	---	---	---	---	---
MW8	07/27/89	---	13.45	10.34	3.17	0.08	---	---	---	---	---	---	---	---
MW8	09/06/89	---	13.45	11.09	2.50	0.17	---	---	---	---	---	---	---	---
MW8	09/22/89	---	13.45	11.58	2.16	0.36	---	---	---	---	---	---	---	---
MW8	11/01/89	---	13.45	11.03	2.42	No	---	---	---	---	---	---	---	---
MW8	11/15/89	---	13.45	11.25	2.21	0.01	---	---	---	---	---	---	---	---
MW8	12/06/89	---	13.45	10.30	3.15	Sheen	34,000	42,000	---	---	2,600	630	210	3,700
MW8	02/20/90	---	13.45	8.00	5.46	0.01	---	---	---	---	---	---	---	---
MW8	04/19/90	---	13.45	8.50	4.95	No	53,000	49,000	---	---	2,100	820	1,100	4,800
MW8	07/03/90	---	13.45	7.55	5.90	No	32,000	44,000	---	---	4,000	1,500	2,000	6,300
MW8	07/26/90	---	13.45	7.86	5.59	No	---	---	---	---	---	---	---	---
MW8	08/20/90	---	13.45	8.92	4.53	No	---	---	---	---	---	---	---	---
MW8	09/19/90	---	13.45	9.55	3.90	No	---	---	---	---	---	---	---	---
MW8	11/27/90	---	13.45	10.29	3.17	0.01	---	---	---	---	---	---	---	---
MW8	01/17/91	---	13.45	9.97	3.48	Sheen	---	---	---	---	---	---	---	---
MW8	03/26/91	---	13.45	8.45	5.00	Sheen	---	---	---	---	---	---	---	---
MW8	05/02/91	---	13.45	8.85	4.60	Sheen	---	---	---	---	---	---	---	---
MW8	06/20/91	---	13.45	9.45	4.00	Sheen	---	---	---	---	---	---	---	---
MW8	08/07/91	---	13.45	10.00	3.45	Sheen	---	---	---	---	---	---	---	---
MW8	09/17/91	---	13.45	10.11	3.34	Sheen	---	57,000	---	---	14,000	7,800	3,100	12,000
MW8	11/13/91	---	13.45	9.63	3.82	Sheen	---	---	---	---	---	---	---	---
MW8	12/10/91	---	13.45	9.66	3.79	Sheen	1,400	66,000	---	---	9,500	5,000	3,100	12,000
MW8	01/21/92	---	13.45	9.35	4.10	Sheen	---	---	---	---	---	---	---	---
MW8	03/25/92	---	13.45	8.02	5.43	Sheen	---	---	---	---	---	---	---	---
MW8	06/22/92	---	13.45	7.01	6.44	Sheen	---	---	---	---	---	---	---	---
MW8	09/24/92	---	13.45	8.33	5.12	Sheen	---	---	---	---	---	---	---	---

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	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	---	---	---	---	---	---	---	---
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

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	03/24/99	---	13.45	5.21	8.24	Sheen	2,250	13,000	22.6	---	336	53.2	415	326
MW8	06/22/99	---	13.45	6.51	6.94	Sheen	4,010	13,000	64.9	---	174	<5.0	186	13.1
MW8	09/29/99	---	13.45	8.22	5.23	No	2,170f	5,420	<25	---	20.4	<5.0	<5.0	38.5
MW8	12/21/99	---	13.45	8.41	5.04	No	2,100	4,700	<2	---	190	15	160	68.2
MW8	03/21/00	---	13.45	4.47	8.98	No	---	6,300	270	---	380	12	260	86
MW8	12/21/00	---	Well destroyed.											
MW9	Prior to May 1988	---	Well installed.						---					
MW9	May 1988	---	14.64	---	---	---	---	<50	---	---	<0.5	1	<1	<1
MW9	04/25/89	---	14.64	8.25	6.39	No	---	---	---	---	---	---	---	---
MW9	09/06/89	---	14.64	Well inaccessible.										
MW9	09/22/89	---	14.64	Well inaccessible.										
MW9	12/06/89	---	14.64	10.12	4.52	No	110	100	---	---	1.8	3.7	1.4	8.8
MW9	02/20/90	---	14.64	9.38	5.26	No	---	---	---	---	---	---	---	---
MW9	04/19/90	---	14.64	9.40	5.25	No	<100	<20	---	---	<0.5	<0.5	<0.5	<0.5
MW9	07/03/90	---	14.64	8.79	5.85	No	<100	<20	---	---	<0.5	<0.5	<0.5	<0.5
MW9	07/26/90	---	14.64	8.70	5.94	No	---	---	---	---	---	---	---	---
MW9	08/20/90	---	14.64	9.09	5.55	No	---	---	---	---	---	---	---	---
MW9	09/19/90	---	14.64	9.52	5.12	No	---	---	---	---	---	---	---	---
MW9	11/27/90	---	14.64	9.89	4.75	No	---	---	---	---	---	---	---	---
MW9	01/17/91	---	14.64	Well inaccessible.										
MW9	03/26/91	---	14.64	Well inaccessible.										
MW9	05/02/91	---	14.64	9.10	5.54	No	---	---	---	---	---	---	---	---
MW9	06/20/91	---	14.64	8.76	5.88	No	<100	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	08/07/91	---	14.64	9.37	5.27	No	---	---	---	---	---	---	---	---
MW9	09/17/91	---	14.64	9.57	5.07	No	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	11/13/91	---	14.64	9.46	5.18	No	---	---	---	---	---	---	---	---
MW9	12/10/91	---	14.64	9.30	5.34	No	52	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	01/21/92	---	14.64	9.68	4.96	No	---	---	---	---	---	---	---	---
MW9	03/25/92	---	14.64	8.93	5.71	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	06/22/92	---	14.64	7.45	7.19	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	09/24/92	---	14.64	8.69	5.95	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	10/14/92	---	14.64	8.83	5.81	No	---	---	---	---	---	---	---	---
MW9	11/16/92	---	14.64	8.80	5.84	No	---	---	---	---	---	---	---	---
MW9	12/08/92	---	14.64	8.70	5.94	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	01/27/93	---	14.64	---	---	---	---	---	---	---	---	---	---	---
MW9	02/18/93	---	14.64	9.22	5.42	No	---	---	---	---	---	---	---	---
MW9	03/10/93	---	14.64	5.25	9.39	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	04/06/93	---	14.64	5.07	9.57	No	---	---	---	---	---	---	---	---
MW9	05/28/93	---	14.64	6.08	8.56	No	---	---	---	---	---	---	---	---
MW9	06/10/93	---	14.64	6.27	8.37	No	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	07/17/93	---	14.64	7.09	7.55	No	---	---	---	---	---	---	---	---

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	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
MW9	06/22/99	---	14.64	---	---	---	---	---	---	---	---	---	---	---
MW9	09/29/99	---	14.64	8.41	6.23	No	---	---	---	---	---	---	---	---
MW9	12/21/99	---	14.64	8.20	6.44	No	---	---	---	---	---	---	---	---
MW9	03/21/00	---	14.64	4.59	10.05	No	---	---	---	---	---	---	---	---
MW9	12/21/00	---	Well destroyed.											
MW10	Prior to 12/06/08	---	Well installed.						---					
MW10	12/06/89	---	14.05	10.46	3.59	No	<100	320	---	---	3.7	14	5.6	32
MW10	02/20/90	---	14.05	8.12	5.93	No	---	---	---	---	---	---	---	---

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	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	---	---	---	---	---	---	---	---
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

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	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	Prior to 12/06/08	---	Well installed.						---					
MW11	12/06/89	---	13.55	10.62	2.93	No	<100	78	---	---	5.9	6.3	<0.5	48,000
MW11	02/20/90	---	13.55	9.20	4.35	No	---	---	---	---	---	---	---	---
MW11	04/19/90	---	13.55	9.80	3.75	No	<100	<20	---	---	<0.5	<0.5	<0.5	<0.5
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	---	---	---	---	---	---	---	---
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

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	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
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

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

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	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
MW12	06/22/99	---	12.61	4.91	7.70	Sheen	15,000	54,800	109	---	203	244	1,530	3,790
MW12	09/29/99	---	12.61	7.41	5.20	No	6,830f	22,900	194	---	422	72.6	1,790	2,270
MW12	12/21/99	---	12.61	7.46	5.15	No	10,000	25,000	<40	---	580	26	1,400	1,360
MW12	03/21/00	---	12.61	3.57	9.04	No	4,400	23,000	860	---	690	33	1,600	3,290
MW12	03/30/01	---	12.61	Well covered by asphalt.										
MW13	Prior to 12/06/08	---	Well installed.						---					
MW13	12/06/89	---	14.20	9.35	4.85	No	31,000	52,000	---	---	2,100	2,000	1,400	6,100
MW13	02/20/90	---	14.20	7.73	6.47	No	---	---	---	---	---	---	---	---

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

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	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	---	---	---	---	---	---	---	---
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	---	---	---	---	---	---	---	---

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	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
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

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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	03/21/00	---	15.18	5.76	9.42	No	---	390	<2	---	1.4	<0.5	0.82	4.5
MW14	03/30/01	---	15.18	4.21	10.97	No	980	330	---	<5	<0.5	<0.5	1.3	3.03
MW14	11/01/01	---	15.14	Well surveyed in compliance with AB 2886 requirements.										
MW14	03/11/02 k	---	15.14	4.87	10.27	No	954	146	1.40	0.6	<0.50	<0.50	0.90	5.70
MW14	03/11/03	---	15.14	6.99	8.15	No	1,020	331	<0.5	---	<0.50	<0.5	<0.5	<0.5
MW14	03/26/04	---	15.14	7.82	7.32	No	586g	235	---	<0.50	1.20	0.8	0.6	1.4
MW14	11/02/04	---	15.14	7.06	8.08	No	1,110g	282	---	<0.50	0.90	<0.5	1.6	7.2
MW14	02/04/05	---	15.14	6.15	8.99	No	2,880g	327	---	<0.50	0.60	<0.5	0.8	1.8
MW14	05/02/05	---	15.14	4.97	10.17	No	2,590g	363	---	<0.50	1.20	0.5	1.4	2.5
MW14	08/01/05	---	15.14	5.31	9.83	No	2,690g	280	---	<0.50	0.90	<0.5	0.9	1.8
MW14	10/25/05	---	15.14	5.16	9.98	No	5,410g	342	---	<0.500	0.82	<0.50	<0.50	1.98
MW14	01/24/06	---	15.14	5.40	9.74	No	440g	290	---	<0.50	1.4	<0.50	1.9	<0.50
MW14	04/28/06	---	15.14	4.06	11.08	No	190g	370	---	<0.50n	1.9n	<0.50	4.2	<0.50
MW14	08/04/06	---	15.14	4.77	10.37	No	1,290	347	---	<0.500	1.14	<0.50	<0.50	0.61
MW14	10/06/06	---	15.14	6.97	8.17	No	160g,j	290	---	<0.50	1.3	1.4	3.7	3.0
MW14	01/12/07	---	15.14	6.86	8.28	No	160g	250	---	<0.50	1.2	<0.50	2.0	<0.50
MW14	04/09/07	---	15.14	8.31	6.83	No	330g	309	---	<0.500	1.01	0.55	0.97	1.17
MW14	08/06/07	---	15.14	7.41	7.73	No	200g	290	---	<0.50	<0.50	<0.50	1.0	<0.50
MW14	11/15/07	---	15.14	7.97	7.17	No	210g	260	---	<0.50	0.66	<0.50	<0.50	1.5
MW14	01/02/08	---	15.14	8.36	6.78	No	250g,j	380	---	<0.50	0.78	<0.50	1.4	3.4
MW14	04/03/08	---	15.14	8.75	6.39	No	970g	400	---	<0.50	2.0	2.8	3.9	2.4
MW14	07/09/08	---	15.14	7.43	7.71	No	1,200g	280	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW14	10/01/08	---	15.14	7.92	7.22	No	95	500	---	<0.50	<0.50	<0.50	1.5	4.4
MW14	01/07/09	---	15.14	6.96	8.18	No	1,100	370	---	<0.50	<0.50	<0.50	1.4	2.2
MW14	01/16/09	---	15.14	7.53	7.61	No	---	---	---	---	---	---	---	---
MW14	04/24/09	---	15.14	5.71	9.43	No	410	500	---	<0.50	<0.50	<0.50	1.2	<1.0
MW14	07/01/09	---	15.14	6.71	8.43	No	130	360	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW14	10/01/09	---	15.14	7.15	7.99	No	---	---	---	---	---	---	---	---
MW14	03/04/10	---	15.14	4.75	10.39	No	---	---	---	---	---	---	---	---
MW14	05/06/10	---	15.14	4.64	10.50	No	850g	990	---	<0.50	3.1	0.53	1.8	4.5
MW14	08/06/10	---	15.14	5.72	9.42	No	---	---	---	---	---	---	---	---
MW14	11/02/10	---	15.14	6.50	8.64	No	730g	1,100g	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW14	04/21/11	---	15.14	8.25	6.89	No	---	---	---	---	---	---	---	---
MW14	04/22/11	---	15.14	---	---	---	750g	1,400g	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW14	10/18/11	---	15.14	8.81	6.33	No	---	---	---	---	---	---	---	---
MW14	10/19/11	---	15.14	---	---	---	810g	1,700g	---	<0.50	<0.50	<0.50	<0.50	<1.0
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**
MW15	Prior to 11/27/90	---	Well installed.						---					
MW15	11/27/90	---	13.73	8.67	5.06	No	340	2,700	---	---	210	5.5	600	250

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	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
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	---	---	---	---	---	---	---	---

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	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 in accordance with AB 2886 standards.										
MW16A	10/01/09	---	13.02	6.72	6.30	No	1,000g	5,300g	---	12	96	5.9	45	20
MW16A	03/04/10	---	13.02	3.97	9.05	No	1,000g	3,000g	---	9.9	34	2.6	6.9	5.9
MW16A	05/06/10	---	13.02	4.20	8.82	No	1,000g	4,500g	---	7.7	31	2.7	8.9	7.2
MW16A	08/06/10	---	13.02	5.92	7.10	No	550g	2,900g	---	5.5	48	2.1	11	3.4
MW16A	11/02/10	---	13.02	6.64	6.38	No	610g	3,100g	---	4.3	63	<0.50	7.2	4.0
MW16A	04/21/11	---	13.02	6.89	6.13	No	---	---	---	---	---	---	---	---
MW16A	04/22/11	---	13.02	---	---	---	170g	2,100g	---	<0.50	13	2.5	6.3	<1.0
MW16A	10/18/11	---	13.02	7.32	5.70	No	---	---	---	---	---	---	---	---
MW16A	10/19/11	---	13.02	---	---	---	320g	3,300g	---	2.8	32	<0.50	12	<1.0
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**
MW16B	08/24/09	---	---	Well installed.										
MW16B	09/11/09	---	13.19	Well surveyed in accordance with AB 2886 standards.										
MW16B	10/01/09	---	13.19	9.02	4.17	No	<50	180g	---	210	<0.50	<0.50	<0.50	<1.0
MW16B	03/04/10	---	13.19	7.21	5.98	No	<50	160g	---	210	<0.50	<0.50	<0.50	<1.0
MW16B	05/06/10	---	13.19	6.39	6.80	No	65g	120g	---	210	<0.50	<0.50	<0.50	<1.0
MW16B	08/06/10	---	13.19	7.23	5.96	No	<50	160g	---	170	<0.50	<0.50	<0.50	<1.0
MW16B	11/02/10	---	13.19	8.25	4.94	No	<50	160g	---	170	<0.50	<0.50	<0.50	<1.0
MW16B	04/21/11	---	13.19	10.91	2.28	0.04	---	---	---	---	---	---	---	---

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)
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**
MW17A	08/25/09	---	---	Well installed.										
MW17A	09/11/09	---	13.99	Well surveyed in accordance with AB 2886 standards.										
MW17A	10/01/09	---	13.99	7.44	6.55	No	370g	2,200g	---	3.7	<0.50	<0.50	3.7	3.9
MW17A	03/04/10	---	13.99	4.73	9.26	No	310g	1,600g	---	1.7	<0.50	1.9	7.2	4.3
MW17A	05/06/10	---	13.99	4.89	9.10	No	260g	1,400g	---	<0.50	<0.50	1.2	6.2	3.0
MW17A	08/06/10	---	13.99	6.51	7.48	No	130g	1,600g	---	1.4	<0.50	<0.50	4.6	<1.0
MW17A	11/02/10	---	13.99	7.18	6.81	No	320g	1,900g	---	1.4	<0.50	<0.50	6.0	1.2
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**
MW17B	08/25/09	---	---	Well Installed.										
MW17B	09/11/09	---	13.92	Well surveyed in accordance with AB2886 standards.										
MW17B	10/01/09	---	13.92	8.83	5.09	No	<50	450g	---	560	<0.50	<0.50	<0.50	<1.0
MW17B	03/04/10	---	13.92	6.15	7.77	No	<50	490g	---	340	<0.50	<0.50	<0.50	<1.0
MW17B	05/06/10	---	13.92	6.48	7.44	No	<50	270g	---	530	<0.50	<0.50	<0.50	<1.0
MW17B	08/06/10	---	13.92	7.81	6.11	No	<50	380g	---	510	<0.50	<0.50	<0.50	<1.0
MW17B	11/02/10	---	13.92	8.78	5.14	No	<50	390g	---	470	<0.50	<0.50	<0.50	<1.0
MW17B	04/21/11	---	13.92	9.42	4.50	No	---	---	---	---	---	---	---	---
MW17B	04/22/11	---	13.92	---	---	---	60	220g	---	290	<0.50	<0.50	<0.50	<1.0
MW17B	10/18/11	---	13.92	10.01	3.91	No	<50	300g	---	390	<0.50	<0.50	<0.50	<1.0
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**
MW18A	08/26/09	---	---	Well installed.										
MW18A	09/11/09	---	13.55	Well surveyed in accordance with AB 2886 standards.										
MW18A	10/01/09	---	13.55	5.16	8.39	No	150	150g	---	93	<0.50	<0.50	<0.50	<1.0
MW18A	03/04/10	---	13.55	3.97	9.58	No	130	<50	---	34	<0.50	<0.50	<0.50	<1.0
MW18A	05/06/10	---	13.55	3.68	9.87	No	140	55g	---	35	<0.50	<0.50	<0.50	<1.0
MW18A	08/06/10	---	13.55	4.40	9.15	No	110	110g	---	21	<0.50	<0.50	<0.50	<1.0
MW18A	11/02/10	---	13.55	6.05	7.50	No	140	86g	---	11	<0.50	<0.50	<0.50	<1.0
MW18A	04/21/11	---	13.55	4.47	9.08	No	150	<50	---	9.8	<0.50	<0.50	<0.50	<1.0

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)
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**
MW18B	08/25/09	---	---	Well installed.										
MW18B	09/11/09	---	13.21	Well surveyed in accordance with AB 2886 standards.										
MW18B	10/01/09	---	13.21	7.19	6.02	No	<50	62	---	0.68	<0.50	<0.50	<0.50	<1.0
MW18B	03/04/10	---	13.21	4.97	8.24	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW18B	05/06/10	---	13.21	4.68	8.53	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW18B	08/06/10	---	13.21	6.29	6.92	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW18B	11/02/10	---	13.21	7.37	5.84	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW18B	04/21/11	---	13.21	5.69	7.52	No	<50	<50	---	<0.50	<0.50	0.60t	<0.50	<1.0
MW18B	10/18/11	---	13.21	6.45	6.76	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0
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**
MW19A	08/26/09	---	---	Well installed.										
MW19A	09/11/09	---	15.05	Well surveyed in accordance with AB 2886 standards.										
MW19A	10/01/09	---	15.05	7.61	7.44	No	490g	2,700g	---	<0.50	<0.50	<0.50	44	62
MW19A	03/04/10	---	15.05	4.30	10.75	No	520g	2,300g	---	<0.50	<0.50	<0.50	30	32
MW19A	05/06/10	---	15.05	4.77	10.28	No	530g	2,100	---	<0.50	5.3	1.3	25	28
MW19A	08/06/10	---	15.05	6.13	8.92	No	410g	1,800g	---	<0.50	<0.50	<0.50	9.8	14
MW19A	11/02/10	---	15.05	7.25	7.80	No	420g	2,200g	---	<0.50	<0.50	<0.50	9.8	12
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**
MW19B	08/26/09	---	---	Well installed.										
MW19B	09/11/09	---	15.05	Well surveyed in accordance with AB 2886 standards.										
MW19B	10/01/09	---	15.05	8.66	6.39	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW19B	03/04/10	---	15.05	5.11	9.94	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW19B	05/06/10	---	15.05	5.07	9.98	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW19B	08/06/10	---	15.05	6.42	8.63	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW19B	11/02/10	---	15.05	7.58	7.47	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0
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**

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)
VW1	Prior to 02/18/93	---	Well installed.						---					
VW1	02/18/93	---	14.01	4.52	9.49	No	---	---	---	---	---	---	---	---
VW1	03/10/93	---	14.01	5.25	8.76	No	---	---	---	---	---	---	---	---
VW1	04/06/93	---	14.01	5.06	8.95	No	---	---	---	---	---	---	---	---
VW1	05/28/93	---	14.01	5.52	8.49	No	---	---	---	---	---	---	---	---
VW1	06/10/93	---	14.01	6.23	7.78	No	---	---	---	---	---	---	---	---
VW1	08/11/93	---	14.01	Well dry.										
VW1	09/01/93	---	14.01	Well dry.										
VW1	10/26/93	---	14.01	Well dry.										
VW1	11/12/93	---	14.01	Well dry.										
VW1	12/27/93	---	14.01	---	---	---	---	---	---	---	---	---	---	---
VW1	01/20/94	---	14.01	Well dry.										
VW1	02/02/94 - 02/03/94	---	14.01	5.58	8.43	No	---	---	---	---	---	---	---	---
VW1	03/10/94	---	14.01	6.19	7.82	No	---	---	---	---	---	---	---	---
VW1	04/22/94	---	14.01	5.96	8.05	No	---	---	---	---	---	---	---	---
VW1	05/10/94 - 05/11/94	---	14.01	5.66	8.35	No	---	---	---	---	---	---	---	---
VW1	06/27/94	---	14.01	5.99	8.02	No	---	---	---	---	---	---	---	---
VW2	Prior to 02/18/93	---	Well installed.						---					
VW2	02/18/93	---	14.09	4.41	9.68	No	---	---	---	---	---	---	---	---
VW2	03/10/93	---	14.09	5.17	8.92	No	---	---	---	---	---	---	---	---
VW2	04/06/93	---	14.09	5.04	9.05	No	---	---	---	---	---	---	---	---
VW2	05/28/93	---	14.09	5.46	8.63	No	---	---	---	---	---	---	---	---
VW2	06/10/93	---	14.09	5.60	8.49	No	---	---	---	---	---	---	---	---
VW2	07/17/93	---	14.09	6.38	7.71	No	---	---	---	---	---	---	---	---
VW2	08/11/93	---	14.09	7.90	6.19	No	---	---	---	---	---	---	---	---
VW2	09/01/93	---	14.09	7.31	6.79	0.01	---	---	---	---	---	---	---	---
VW2	10/26/93	---	14.09	Well dry.										
VW2	11/12/93	---	14.09	Well dry.										
VW2	12/27/93	---	14.09	Well dry.										
VW2	01/20/94	---	14.09	7.75	6.34	No	---	---	---	---	---	---	---	---
VW2	02/02/94 - 02/03/94	---	14.09	Well dry.										
VW2	03/10/94	---	14.09	6.85	7.24	No	---	---	---	---	---	---	---	---
VW2	04/22/94	---	14.09	7.30	6.79	No	---	---	---	---	---	---	---	---
VW2	05/10/94 - 05/11/94	---	14.09	7.20	6.89	No	---	---	---	---	---	---	---	---
VW2	06/27/94	---	14.09	7.29	6.80	No	---	---	---	---	---	---	---	---
VW3	Prior to 02/18/93	---	Well installed.						---					
VW3	02/18/93	---	13.37	4.62	8.69	No	---	---	---	---	---	---	---	---
VW3	03/10/93	---	13.37	4.41	8.90	No	---	---	---	---	---	---	---	---
VW3	04/06/93	---	13.37	4.10	9.21	No	---	---	---	---	---	---	---	---
VW3	05/28/93	---	13.37	4.98	8.33	No	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
VW3	06/10/93	---	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
W-12-DP6	04/14/05	12	---	---	---	---	338g	<50.0	---	<0.50	<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)
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	Prior to 04/25/89	---	Well installed.									
MW1	05/01/88 - 03/11/03	---	Not analyzed for these analytes.									
MW1	06/19/96	---	---	---	---	---	---	---	---	---	<50	---
MW1	03/26/04	---	<0.50	1.60	<0.50	<10.0	<0.50	<0.50	---	---	---	---
MW1	11/02/04	---	<0.50	1.80	<0.50	<10.0	<0.50	<0.50	---	---	---	---
MW1	02/04/05	---	<0.50	1.90	<0.50	<10.0	<0.50	<0.50	---	---	---	---
MW1	05/02/05	---	<0.50	2.10	<0.50	<10.0	<0.50	<0.50	<100	---	---	---
MW1	08/01/05	---	<0.50	2.00	<0.50	<10.0	<0.50	<0.50	<100	---	---	---
MW1	10/25/05	---	<0.500	1.61	<0.500	22.6	<0.500	<0.500	---	---	---	---
MW1	01/24/06	---	<2.5	<2.5	<2.5	<100	<2.5	<2.5	<500	---	---	---
MW1	04/28/06	---	<0.50	1.6	<0.50	5.0n	<0.50	<0.50	---	---	---	---
MW1	08/04/06	---	<0.500	1.63	<0.500	<10.0	<0.500	<0.500	---	---	---	---
MW1	10/06/06	---	<0.50	2.3	<0.50	<5.0	<0.50	<0.50	---	---	---	---
MW1	01/12/07	---	Well inaccessible.									
MW1	03/26/07	---	Well destroyed.									
MW2	09/10/87	---	Well installed.									
MW2	09/11/87 - 03/27/04	---	Not analyzed for these analytes.									
MW2	03/27/04	---	<0.50	<0.50	2.90	<10.0	<0.50	<0.50	---	---	---	---
MW2	11/02/04	---	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---	---	---	---
MW2	02/04/05	---	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---	---	---	---
MW2	05/02/05	---	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<100	---	---	---
MW2	08/01/05	---	<0.50	2.00	<0.50	<10.0	<0.50	<0.50	<100	---	---	---
MW2	10/25/05	---	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	---	---	---	---
MW2	01/24/06	---	<0.50	<0.50	<0.50	20	<0.50	<0.50	<100	---	---	---
MW2	04/28/06	---	<0.50	<0.50	<0.50	<5.0n	<0.50	<0.50	<100	---	---	---
MW2	08/04/06	---	<0.500	1.34	<0.500	<10.0	<0.500	<0.500	<50.0	---	---	---
MW2	10/06/06	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<100	---	---	---
MW2	01/12/07	---	<0.50	<0.50	<0.50	23	<0.50	<0.50	<100	---	---	---
MW2	04/09/07	---	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	<50.0	---	---	---
MW2	08/06/07	---	<0.50	<0.50	<0.50	14	<0.50	1.3	<100	---	---	---
MW2	11/15/07	---	<0.50	<0.50	<0.50	17	<0.50	1.1	<100	---	---	---
MW2	01/02/08	---	<0.50	<0.50	0.85	36	<0.50	<0.50	<100	---	---	---
MW2	04/03/08	---	<0.50	<0.50	<0.50	24	<0.50	<0.50	<100	---	---	---
MW2	07/09/08	---	<0.50	<0.50	<0.50	<10	<0.50	1.2	<100	---	---	---
MW2	10/01/08	---	Well covered by asphalt.									
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	---	---	---

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	10/01/09	---	---	---	---	---	---	---	---	---	---	---
MW2	03/04/10	---	---	---	---	---	---	---	---	---	---	---
MW2	05/06/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW2	08/06/10	---	---	---	---	---	---	---	---	---	---	---
MW2	11/02/10	---	<0.50	<0.50	<0.50	12	<0.50	<0.50	<50	---	---	---
MW2	04/21/11	---	<0.50	<0.50	<0.50	6.1	<0.50	<0.50	<50	---	---	---
MW2	10/18/11	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
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**	**---**	**---**	**---**
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	---	---	---	---	---	---	---	---	---	---	---
MW3	04/25/12	---	<0.50	<0.50	<0.50	12	<0.50	<0.50	<50	---	---	---

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

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

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	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**	**---**	**---**	**---**
MW7	Prior to September 1987	---	Well installed.									
MW7	Sept 1987	---	---	---	---	---	---	---	---	ND	---	---
MW7	May 1988	---	---	---	---	---	---	---	---	ND	---	---
MW7	04/25/89 - 09/22/89	---	Not analyzed for these analytes.									
MW7	12/06/89	---	---	---	---	---	---	---	---	ND	---	<5,000
MW7	04/19/90	---	---	---	---	---	---	---	---	ND	---	---
MW7	07/03/90	---	---	---	---	---	---	---	---	ND	---	---
MW7	11/27/90	---	---	---	---	---	---	---	---	2.4s	---	---
MW7	03/26/91	---	---	---	---	---	---	---	---	ND	---	---
MW7	03/10/93	---	---	---	---	---	---	---	---	h	---	<5,000
MW7	08/11/93	---	---	---	---	---	---	---	---	ND	---	---
MW7	02/03/94	---	---	---	---	---	---	---	---	---	---	470p
MW7	03/10/94	---	---	---	---	---	---	---	---	---	---	---
MW7	04/22/94	---	---	---	---	---	---	---	---	---	---	---
MW7	05/10/94 - 05/11/94	---	---	---	---	---	---	---	---	---	---	1,400p
MW7	11/30/94	---	---	---	---	---	---	---	---	---	---	---
MW7	12/27/94	---	---	---	---	---	---	---	---	---	---	---
MW7	02/06/95	---	---	---	---	---	---	---	---	---	1,100	---
MW7	06/07/95	---	---	---	---	---	---	---	---	---	1,000	---
MW7	09/18/95	---	---	---	---	---	---	---	---	---	870	---
MW7	11/01/95	---	---	---	---	---	---	---	---	---	1,400	---
MW7	02/14/96	---	---	---	---	---	---	---	---	---	940	---
MW7	06/19/96	---	---	---	---	---	---	---	---	---	1,000	---
MW7	09/24/96	---	---	---	---	---	---	---	---	---	910	---
MW7	12/11/96	---	---	---	---	---	---	---	---	---	1,100	---
MW7	03/19/97	---	---	---	---	---	---	---	---	---	580	---
MW7	06/04/97	---	---	---	---	---	---	---	---	---	780	---
MW7	09/02/97	---	---	---	---	---	---	---	---	---	740	---
MW7	12/21/00	---	Well destroyed.									
MW8	Prior to September 1987	---	Well installed.									
MW8	09/01/87 - 07/17/93	---	Not analyzed for these analytes.									
MW8	08/11/93	---	---	---	---	---	---	---	---	ND	---	---
MW8	09/01/93 - 03/21/00	---	Not analyzed for these analytes.									
MW8	12/21/00	---	Well destroyed.									
MW9	Prior to May 1988	---	Well installed.									
MW9	May 1988	---	---	---	---	---	---	---	---	ND	---	---
MW9	12/06/89	---	---	---	---	---	---	---	---	ND	---	<5,000
MW9	02/20/90	---	---	---	---	---	---	---	---	ND	---	---
MW9	04/19/90	---	---	---	---	---	---	---	---	ND	---	---

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

Well ID	Sampling Date	Depth (feet)	EDB (µg/L)	1,2-DCA (µg/L)	TAME (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Ethanol (µg/L)	VOCs (µg/L)	EHCss (µg/L)	TOG (µg/L)
MW9	11/27/90	---	---	---	---	---	---	---	---	ND	---	---
MW9	08/11/93	---	---	---	---	---	---	---	---	ND	---	---
MW9	09/01/93 - 02/14/96	---	Not analyzed for these analytes.									
MW9	06/19/96	---	---	---	---	---	---	---	---	---	<50	---
MW9	09/24/96 - 12/21/00	---	Not analyzed for these analytes.									
MW9	12/21/00	---	Well destroyed.									
MW10	Prior to 12/06/08	---	Well installed.									
MW10	04/19/90	---	---	---	---	---	---	---	---	ND	---	---
MW10	08/11/93	---	---	---	---	---	---	---	---	ND	---	---
MW10	09/01/93 - 02/14/96	---	Not analyzed for these analytes.									
MW10	06/19/96	---	---	---	---	---	---	---	---	---	<50	---
MW10	09/24/96 - 12/21/00	---	Not analyzed for these analytes.									
MW10	12/21/00	---	Well destroyed.									
MW11	Prior to 12/06/08	---	Well installed.									
MW11	08/11/93	---	---	---	---	---	---	---	---	ND	---	---
MW11	09/01/93 - 02/14/96	---	Not analyzed for these analytes.									
MW11	06/19/96	---	---	---	---	---	---	---	---	---	<50	---
MW11	09/24/96 - 12/21/00	---	Not analyzed for these analytes.									
MW11	12/21/00	---	Well destroyed.									
MW12	11/27/89	---	Well installed.									
MW12	08/11/93	---	---	---	---	---	---	---	---	ND	---	---
MW12	09/01/93 - 11/02/04	---	Not analyzed for these analytes.									
MW12	03/30/01	---	Well covered by asphalt.									
MW12	04/25/12	---	Well covered by asphalt.									
MW13	Prior to 12/06/08	---	Well installed.									
MW13	08/11/93	---	---	---	---	---	---	---	---	---	---	ND
MW13	09/01/93 - 12/21/00	---	Not analyzed for these analytes.									
MW13	12/21/00	---	Well destroyed.									
MW14	10/31/90	---	Well installed.									
MW14	11/27/90 - 05/10/94	---	Not analyzed for these analytes.									
MW14	05/10/94 - 05/11/94	---	---	---	---	---	---	---	---	---	---	210p
MW14	06/27/94	---	---	---	---	---	---	---	---	---	---	---
MW14	02/06/95	---	---	---	---	---	---	---	---	---	---	400
MW14	06/07/95	---	---	---	---	---	---	---	---	---	450	---
MW14	09/18/95	---	---	---	---	---	---	---	---	---	1,200	---
MW14	11/01/95	---	---	---	---	---	---	---	---	---	1,600	---
MW14	02/14/96	---	---	---	---	---	---	---	---	---	680	---
MW14	06/19/96	---	---	---	---	---	---	---	---	---	670	---
MW14	09/24/96	---	---	---	---	---	---	---	---	---	4,500	---

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

Well ID	Sampling Date	Depth (feet)	EDB (µg/L)	1,2-DCA (µg/L)	TAME (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Ethanol (µg/L)	VOCs (µg/L)	EHCss (µg/L)	TOG (µg/L)
MW14	12/11/96	---	---	---	---	---	---	---	---	---	750	---
MW14	03/19/97	---	---	---	---	---	---	---	---	---	470	---
MW14	06/04/97	---	---	---	---	---	---	---	---	---	590	---
MW14	09/02/97	---	---	---	---	---	---	---	---	---	1,300	---
MW14	09/02/97 - 03/26/04	---	Not analyzed for these analytes.									
MW14	03/26/04	---	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---	---	---	---
MW14	11/02/04	---	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---	---	---	---
MW14	02/04/05	---	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---	---	---	---
MW14	05/02/05	---	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<100	---	---	---
MW14	08/01/05	---	<0.50	1.90	<0.50	<10.0	<0.50	<0.50	<100	---	---	---
MW14	10/25/05	---	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	---	---	---	---
MW14	01/24/06	---	<0.50	<0.50	<0.50	<20	<0.50	<0.50	<100	---	---	---
MW14	04/28/06	---	<0.50	<0.50	<0.50	<20n	<0.50	<0.50	<100	---	---	---
MW14	08/04/06	---	<0.500	1.39	<0.500	<10.0	<0.500	<0.500	<50.0	---	---	---
MW14	10/06/06	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<100	---	---	---
MW14	01/12/07	---	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<100	---	---	---
MW14	04/09/07	---	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	<50.0	---	---	---
MW14	08/06/07	---	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<100	---	---	---
MW14	11/15/07	---	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<100	---	---	---
MW14	01/02/08	---	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<100	---	---	---
MW14	04/03/08	---	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<100	---	---	---
MW14	07/09/08	---	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<100	---	---	---
MW14	10/01/08	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW14	01/07/09	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW14	01/16/09	---	---	---	---	---	---	---	---	---	---	---
MW14	04/24/09	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW14	07/01/09	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW14	10/01/09	---	---	---	---	---	---	---	---	---	---	---
MW14	03/04/10	---	---	---	---	---	---	---	---	---	---	---
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**	**---**	**---**	**---**
MW15	Prior to 11/27/90	---	Well installed.									
MW15	08/11/93	---	---	---	---	---	---	---	---	ND	---	---
MW15	09/01/93 - 12/21/00	---	Not analyzed for these analytes.									
MW15	12/21/00	---	Well destroyed.									
MW16A	10/01/09	---	<2.0	<2.0	<2.0	<20	<2.0	<2.0	<200	---	---	---

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)
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**	**---**	**---**	**---**
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**	**---**	**---**	**---**
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**	**---**	**---**	**---**
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**	**---**	**---**	**---**
MW18A	10/01/09	---	<0.50	<0.50	<0.50	20	<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)
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**	**---**	**---**	**---**
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**	**---**	**---**	**---**
MW19A	10/01/09	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW19A	03/04/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW19A	05/06/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW19A	08/06/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW19A	11/02/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW19A	04/21/11	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
MW19A	10/18/11	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50	---	---	---
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**	**---**	**---**	**---**
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**	**---**	**---**	**---**
VW1	Prior to 02/18/93	---	Well installed.									

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

Well ID	Sampling Date	Depth (feet)	EDB (µg/L)	1,2-DCA (µg/L)	TAME (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Ethanol (µg/L)	VOCs (µg/L)	EHCss (µg/L)	TOG (µg/L)
VW1	02/18/93 - Present	---	Not analyzed for these analytes.									
VW2	Prior to 02/18/93	---	Well installed.									
VW2	02/18/93 - Present	---	Not analyzed for these analytes.									
VW3	Prior to 02/18/93	---	Well installed.									
VW3	03/10/93 - Present	---	Not analyzed for these analytes.									
Grab Groundwater Samples												
CPT Borings												
W-18-CPT1	04/12/05	18	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---	---	---	---
W-10-CPT2	04/13/05	10	<5.00	<5.00	<5.00	<100	<5.00	18.0	---	---	---	---
W-26-CPT2	04/13/05	26	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---	---	---	---
W-10-CPT3	04/13/05	10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---	---	---	---
W-29-CPT3	04/13/05	29	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---	---	---	---
W-10-CPT4	04/12/05	10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---	---	---	---
W-24-CPT4	04/12/05	24	<0.50	7.60	<0.50	<10.0	<0.50	<0.50	---	---	---	---
W-10-CPT5	04/12/05	10	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---	---	---	---
W-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	---	---	---

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

Well ID	Sampling Date	Depth (feet)	EDB (µg/L)	1,2-DCA (µg/L)	TAME (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Ethanol (µg/L)	VOCs (µg/L)	EHCss (µg/L)	TOG (µg/L)
W-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 (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	1100,000
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

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

Notes:

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

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

Notes:

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	TOC Elevation (feet)	Borehole Diameter (inches)	Total Depth of Boring (feet bgs)	Well Depth (feet bgs)	Casing Diameter (inches)	Well Casing Material	Screened Interval (feet bgs)	Slot Size (inches)	Filter Pack Interval (feet bgs)	Filter Pack Material
MW1	Well destroyed on 3/26/07.										
MW2	09/10/87	13.06	NS	36.0	35.0	4	NS	10.0-35.0	NS	8-36	NS
MW3	09/10/87	13.71	NS	36.0	35.0	4	NS	10.0-35.0	NS	8-36	NS
MW4	09/10/87	12.77	NS	36.0	35.0	4	NS	10.0-35.0	NS	8-36	NS
MW5	Well destroyed on 07/18/89.										
MW6	09/10/87	14.23	NS	36.0	35.0	4	NS	10.0-35.0	NS	8-36	NS
MW7	Well destroyed on 12/21/00.										
MW8	Well destroyed on 12/21/00.										
MW9	Well destroyed on 12/21/00.										
MW10	Well destroyed on 12/21/00.										
MW11	Well destroyed on 12/21/00.										
MW12	11/27/89	12.61	10	15.5	15.5	4	PVC	5.0-15.0	0.010	4-15.5	NS
MW13	Well destroyed on 12/21/00.										
MW14	10/31/90	15.14	10	18.5	17.0	4	PVC	7.0-17.0	0.010	5.5-17	NS
MW15	Well destroyed on 12/21/00.										
MW16A	08/24/09	13.02	8	14	12.5	2	PVC	7.5-12.5	0.020	6.5-14	#3 Sand
MW16B	08/24/09	13.19	8	24	24	2	PVC	20-24	0.020	18-24	#3 Sand
MW17A	08/25/09	13.99	8	13	13	2	PVC	8-13	0.020	6.5-13	#3 Sand
MW17B	08/25/09	13.92	8	26	26	2	PVC	22-26	0.020	20-26	#3 Sand
MW18A	08/25/09	13.55	8	14	14	2	PVC	9-14	0.020	7-14	#3 Sand
MW18B	08/25/09	13.21	8	31	31	2	PVC	26-31	0.020	24-31	#3 Sand
MW19A	08/26/09	15.05	8	14	14	2	PVC	9-14	0.020	7-14	#3 Sand
MW19B	08/26/09	15.05	8	26	24	2	PVC	20-24	0.020	18-26	#3 Sand
VW1	Well destroyed.										

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

Well ID	Well Installation Date	TOC Elevation (feet)	Borehole Diameter (inches)	Total Depth of Boring (feet bgs)	Well Depth (feet bgs)	Casing Diameter (inches)	Well Casing Material	Screened Interval (feet bgs)	Slot Size (inches)	Filter Pack Interval (feet bgs)	Filter Pack Material
VW2	Well destroyed.										
VW3	Well destroyed.										
AS1	Information not available.										
AS2	Information not available.										
AS3	Information not available.										
AS4	Information not available.										
AS5	Information not available.										
AS6	Information not available.										
RW1	April 1994	NS	NS	16.88	NS	6	NS	---	NS	NS	NS
RW2	April 1994	NS	NS	16.82	NS	6	NS	---	NS	NS	NS
RW3	April 1994	NS	NS	16.72	NS	6	NS	---	NS	NS	NS
RW4	April 1994	NS	NS	17.18	NS	6	NS	---	NS	NS	NS
RW5	Well destroyed.										
RW6	Well destroyed.										
RW7	Well destroyed.										

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

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)	TPHd (mg/kg)	TPHg (mg/kg)	MTBE (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	Total Lead (mg/kg)
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	---
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	---

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)	TPHd (mg/kg)	TPHg (mg/kg)	MTBE (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	Total Lead (mg/kg)
S-5.0-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	---
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	1900	<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	---
Soil Borings											
S-10-B14	---	11/29/89	10.0	1,900	3,400	---	<0.5	<0.5	1.2	1.2	---
S-5-B15	---	11/28/89	5.0	<10	130	---	2.2	7.2	2.2	11	---
S-7.5-B15	---	11/28/89	7.5	28	98	---	0.97	3.9	1.8	9.8	---
S-10-B15	---	11/28/89	10.0	82	180	---	1.4	4.4	3.6	16	---

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)	TPHd (mg/kg)	TPHg (mg/kg)	MTBE (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	Total Lead (mg/kg)
S-5-B16	---	11/28/89	5.0	43	87	---	2.2	4.4	1.7	7.6	---
S-7.5-B16	---	11/28/89	7.5	1,500	1,100	---	9.0	60	23	109	---
S-10-B16	---	11/28/89	10.0	110	380	---	4.2	11	8.4	35	---
S-5-B17	---	11/29/89	5.0	<10	<2	---	<0.050	<0.050	<0.050	<0.050	---
S-7.5-B17	---	11/29/89	7.5	<10	8.1	---	0.085	<0.050	0.19	0.24	---
S-10-B17	---	11/29/89	10.0	200	7.1	---	0.091	<0.050	0.20	0.25	---
S-5-B18	---	11/29/89	5.0	46	210	---	1.6	0.71	3.9	12	---
S-7.5-B18	---	11/29/89	7.5	270	210	---	2.4	0.50	4.8	20	---
S-10-B18	---	11/29/89	10.0	2,000	130	---	0.93	0.36	2.8	11	---
S-10-B19	---	11/29/89	10.0	21	21	---	<0.5	<0.5	<0.5	1.7	---
S-10-B20	---	11/29/89	10.0	360	3,100	---	<5	<5	64	120	---
S-3-B21	---	11/01/90	3.0	1,125	433	---	9.0	0.9	7.5	13	---
S-8-B21	---	11/01/90	8.0	2,112	1,084	---	22	3.5	31	100	---
S-5.5-B22	---	11/01/90	5.5	2,570	423	---	6.9	1.0	19	18	---
S-8-B22	---	11/01/90	8.0	210	3,232	---	31	123	137	493	---
S-3-B23	---	11/01/90	3.0	<10	20	---	0.50	0.08	0.41	0.70	---
S-8-B23	---	11/01/90	8.0	<10	277	---	2.4	3.5	7.2	28	---
S-5.5-B24	---	11/01/90	5.5	<10	<1.0	---	<0.005	<0.005	<0.005	<0.007	---
S-8-B24	---	11/01/90	8.0	<10	80	---	0.70	0.26	<0.005	0.70	---
S-5.5-B25	---	11/01/90	5.5	<10	<1.0	---	<0.005	<0.005	<0.005	<0.007	---
S-8-B25	---	11/01/90	8.0	<10	15	---	0.27	0.05	0.17	0.75	---
S-5.5-B26	---	11/01/90	5.5	<10	<1.0	---	<0.005	<0.005	<0.005	<0.007	---
S-8-B26	---	11/01/90	8.0	<10	<1.0	---	<0.005	<0.005	<0.005	<0.007	---
S-5.5-B27	---	11/01/90	5.5	<10	12	---	0.17	0.05	1.7	0.91	---
S-8-B27	---	11/01/90	8.0	<10	608	---	8.1	2.7	19	30	---
S-3-B28	---	11/02/90	3.0	<10	22	---	1.0	1.0	0.43	2.5	---
S-8-B28	---	11/02/90	8.0	<10	1,295	---	10	45	52	156	---
S-5.5-B29	---	11/02/90	5.5	<10	1,931	---	31	122	84	240	---
S-8-B29	---	11/02/90	8.0	<10	1,262	---	14	68	49	153	---
S-5.5-B30	---	11/02/90	5.5	<10	1,069	---	20	39	44	116	---
S-8-B30	---	11/02/90	8.0	<10	1,118	---	9.3	62	47	143	---

TABLE 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)	TPHd (mg/kg)	TPHg (mg/kg)	MTBE (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	Total Lead (mg/kg)
S-3.5-B35	VW1	02/11/93	3.5	<5.0	<1	---	0.033	<0.0050	<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	---
CPT Borings											
S-2-CPT1	---	04/06/05	2.0	155	<4.97	<0.0020	0.0038	<0.0050	<0.0050	<0.0050	---
S-4-CPT1	---	04/06/05	4.0	539	<4.98	<0.0020	0.0057	<0.0050	<0.0050	0.0218	---
S-6-CPT1	---	04/06/05	6.0	270	<4.99	<0.0020	0.0056	<0.0050	<0.0050	0.0219	---
S-2-CPT2	---	04/07/05	2.0	<10.2	<5.01	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050	---
S-4-CPT2	---	04/07/05	4.0	<10.0	<5.04	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050	---
S-6-CPT2	---	04/07/05	6.0	59.6	<5.03	<0.0020	0.0053	<0.0050	<0.0050	0.0210	---
S-8-CPT2	---	04/07/05	8.0	77.7	<4.98	<0.0020	0.0130	0.0053	<0.0050	0.0092	---
S-2-CPT3	---	04/07/05	2.0	402	<5.03	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050	---
S-4-CPT3	---	04/07/05	4.0	73.2	<5.03	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050	---
S-6-CPT3	---	04/07/05	6.0	177	<5.00	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050	---
S-8-CPT3	---	04/07/05	8.0	33.0	<5.00	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050	---
S-2-CPT4	---	04/07/05	2.0	<10.0	<5.02	<0.0020	0.0021	<0.0050	0.0094	<0.0050	---
S-4-CPT4	---	04/07/05	4.0	<9.92	<5.01	0.0029	0.0163	<0.0050	0.189	0.159	---
S-6-CPT4	---	04/07/05	6.0	10.3	52.7	0.0077	0.0288	0.0196	5.70	19.1	---
S-8-CPT4	---	04/07/05	8.0	17.3	62.3	0.0230	0.0413	0.0289	0.112	5.40	---
S-2-CPT5	---	04/07/05	2.0	<9.92	<5.01	<0.0020	0.0019	<0.0050	<0.0050	<0.0050	---
S-4-CPT5	---	04/07/05	4.0	12.0	<4.98	<0.0020	0.0025	<0.0050	<0.0050	<0.0050	---
S-6-CPT5	---	04/07/05	6.0	<9.92	<5.04	<0.0020	0.0011	<0.0050	<0.0050	<0.0050	---
S-8-CPT5	---	04/07/05	8.0	<10.1	<5.04	0.0046	<0.0010	<0.0050	<0.0050	<0.0050	---
S-2-CPT6	---	04/06/05	2.0	<9.98	<5.05	<0.0020	<0.0010	<0.0051	<0.0051	<0.0051	---
S-4-CPT6	---	04/06/05	4.0	<10.1	<5.02	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050	---
S-6-CPT6	---	04/06/05	6.0	93.4	<5.02	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050	---
S-8-CPT6	---	04/06/05	8.0	<9.88	<5.02	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050	---
S-5-CPT7	---	12/11/06	5.0	<3.92	<0.502	<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)	TPHd (mg/kg)	TPHg (mg/kg)	MTBE (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	Total Lead (mg/kg)
S-5-CPT11	---	12/12/06	5.0	26a	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	---
S-5-CPT12	---	12/11/06	5.0	<3.96	<0.498	<0.00200	<0.00200	<0.00200	<0.00200	<0.00500	---
Hydropunch Samples											
S-5-HP7	---	12/11/06	5.0	102a	<0.505	<0.00200	<0.00200	<0.00200	<0.00200	<0.00500	---
S-5-HP11	---	12/11/06	5.0	2.0a	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	---
S-5-HP12	---	12/12/06	5.0	1.2a	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	---
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(3E+3F+3G)	---	05/05/87	---	---	545.70	---	---	---	---	---	---
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	---	---	---	---	---	---
Dispenser Samples											
S-2-DP1	---	04/07/05	2.0	<10.0	<5.01	<0.0020	0.0029	<0.0050	<0.0050	<0.0050	---
S-4-DP1	---	04/07/05	4.0	<10.1	<5.02	<0.0020	0.0139	<0.0050	0.0061	0.0223	---
S-6-DP1	---	04/07/05	6.0	28.3	65.0	<0.0020	0.0890	0.0131	11.6	56.5	---
S-8-DP1	---	04/07/05	8.0	79.8	226	<0.100	0.743	<1.24	6.34	17.5	---
S-10.5-DP1	---	04/14/05	10.5	33.0a	1,190	0.0111	4.78	6.67	32.9	130	---
S-2-DP3	---	04/06/05	2.0	1,840	<5.02	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050	---
S-4-DP3	---	04/06/05	4.0	<10.1	<5.02	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050	---
S-6-DP3	---	04/06/05	6.0	<10.2	<5.03	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050	---
S-8-DP3	---	04/06/05	8.0	<10.1	<5.00	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050	---
S-9.5-DP3	---	04/14/05	9.5	<10.1	<4.95	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050	---
S-12-DP3	---	04/14/05	12.0	64.0a	26.3	<0.0020	0.0209	<0.0050	0.0079	0.0780	---
S-2-DP4	---	04/07/05	2.0	65.6	<5.00	<0.0020	0.0044	<0.0050	<0.0050	0.0091	---
S-4-DP4	---	04/07/05	4.0	<9.96	<5.05	<0.0020	0.0027	<0.0051	<0.0051	<0.0051	---
S-6-DP4	---	04/07/05	6.0	<10.2	<5.01	<0.0020	0.0114	<0.0050	0.136	1.55	---
S-8-DP4	---	04/07/05	8.0	11.1	12.4	<0.0020	0.0260	0.0086	1.82	2.36	---
S-10.5-DP4	---	04/14/05	10.5	50.0a	366	<0.0020	1.39	1.49	5.76	33.9	---

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)	TPHd (mg/kg)	TPHg (mg/kg)	MTBE (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	Total Lead (mg/kg)
S-2-DP5	---	04/07/05	2.0	12,000	16.7	<0.0020	7.79	0.0235	0.0116	0.0588	---
S-4-DP5	---	04/07/05	4.0	1,200	<4.98	<0.0020	0.128	<0.0050	0.0100	0.0228	---
S-6-DP5	---	04/07/05	6.0	3,610	8.61	<0.0020	0.599	<0.0050	0.0095	0.0339	---
S-8-DP5	---	04/07/05	8.0	3,850	522	<0.0020	6.99	<1.26	<1.26	2.09	---
S-10.5-DP5	---	04/14/05	10.5	875a	842	<0.0020	4.61	1.14	7.90	1.75	---
S-2-DP6	---	04/06/05	2.0	13.1	<5.05	<0.0020	<0.0010	<0.0051	<0.0051	<0.0051	---
S-4-DP6	---	04/06/05	4.0	36.4	<5.05	<0.0020	<0.0010	<0.0051	<0.0051	<0.0051	---
S-6-DP6	---	04/06/05	6.0	<20.4	<5.05	<0.0020	<0.0010	<0.0051	<0.0051	<0.0051	---
S-5-DP7	---	12/08/06	5.0	245a	0.696	<0.00200	<0.00200	<0.00200	<0.00200	<0.00500	---
S-10-DP7	---	12/14/06	10.0	900	370	<0.050	<0.050	<0.050	<0.050	0.056	---
S-15.5-DP7	---	12/14/06	15.5	<1.0	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	---
S-20-DP7	---	12/14/06	20.0	6.4a	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	---
S-25.5-DP7	---	12/14/06	25.5	5.6a	<0.10	0.011	<0.0050	<0.0050	<0.0050	<0.0050	---
S-29.5-DP7	---	12/14/06	29.5	3.5a	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	---
S-5-DP8	---	12/08/06	5.0	318a	<0.499	<0.00200	<0.00200	<0.00200	<0.00200	<0.00500	---
S-10-DP8	---	12/14/06	10.0	890	110	<0.050	<0.050	<0.050	<0.050	<0.050	---
S-15-DP8	---	12/14/06	15.0	49a	120	<0.050	<0.050	<0.050	<0.050	<0.050	---
S-19.5-DP8	---	12/14/06	19.5	2.9a	0.33	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	---
S-29.5-DP8	---	12/14/06	29.5	1.8a	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	---
S-5-DP9	---	12/11/06	5.0	465a	<0.495	<0.00200	0.00773	<0.00200	<0.00200	<0.00500	---
S-9.5-DP9	---	12/15/06	9.5	2,000a	61	<0.0050	<0.0050	<0.0050	<0.0050	0.013	---
S-14.5-DP9	---	12/15/06	14.5	10a	0.21	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	---
S-20-DP9	---	12/15/06	20.0	5.7a	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	---
S-25.5-DP9	---	12/15/06	25.5	16a	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	---
S-29.5-DP9	---	12/15/06	29.5	4.1a	<0.10	<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)	TPHd (mg/kg)	TPHg (mg/kg)	MTBE (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	Total Lead (mg/kg)
Old Tank Pit Samples											
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-1A	---	07/26/89	5.0	<5	---	---	---	---	---	---	---
S-10-E	---	05/05/87	10.0	---	186.6	---	---	---	---	---	---
S-7-S	---	05/05/87	7.0	---	13.55	---	---	---	---	---	---
S-1B	---	07/26/89	9.0	---	61	---	---	---	---	---	---
S-6-W	---	05/05/87	6.0	---	8.69	---	---	---	---	---	---
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-16-S	---	05/06/87	16.0	---	0.86	---	---	---	---	---	---
S-4A	---	08/04/89	9.0	---	93	---	<0.097	<0.050	<0.050	<0.050	---
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	---
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	---
Stockpile Soil Samples											
SP-1 (A-D)	---	12/15/06	---	270	3.6	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	12
SP1-(1-4)		09/01/09	---	10	22	<0.50	<0.50	<0.50	<0.50	<0.50	3.78

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

Notes:

S-2-CPT1	=	Soil - Sample Depth - Sample Location.
TPHd	=	Total petroleum hydrocarbons as diesel analyzed using EPA Method 8015B.
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8015B.
MTBE	=	Methyl tertiary butyl ether analyzed using EPA Method 8260B.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B.
ETBE	=	Ethyl tertiary butyl ether analyzed using EPA Method 8260B.
TAME	=	Tertiary amyl methyl ether analyzed using EPA Method 8260B.
TBA	=	Tertiary butyl alcohol analyzed using EPA Method 8260B.
1,2-DCA	=	1,2-dichloroethane analyzed using EPA Method 8260B.
EDB	=	1,2-dibromoethane analyzed using EPA Method 8260B.
DIPE	=	Di-isopropyl ether analyzed using EPA Method 8260B.
Ethanol	=	Ethanol analyzed using EPA Method 8260B.
Lead	=	Lead analyzed using EPA Method 6010B.
feet bgs	=	Feet below ground surface.
mg/kg	=	Milligrams per kilogram.
<	=	Less than the stated reporting limit.
a	=	Result is not consistent with specified fuel.
b	=	Hydrocarbons greater than C22 were detected, and 460 mg/kg of Oil and Grease analyzed using SM5520 were detected.
c	=	Data missing from historical files.

TABLE 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)
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	---	---	---	---	---	---	---	---
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	---

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-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	---
Soil Borings											
S-10-B14	---	11/29/89	10.0	---	---	---	---	---	---	---	---
S-5-B15	---	11/28/89	5.0	---	---	---	---	---	---	---	---
S-7.5-B15	---	11/28/89	7.5	---	---	---	---	---	---	---	---
S-10-B15	---	11/28/89	10.0	---	---	---	---	---	---	---	---
S-5-B16	---	11/28/89	5.0	---	---	---	---	---	---	---	---
S-7.5-B16	---	11/28/89	7.5	---	---	---	---	---	---	---	---

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-10-B16	---	11/28/89	10.0	---	---	---	---	---	---	---	---
S-5-B17	---	11/29/89	5.0	---	---	---	---	---	---	---	---
S-7.5-B17	---	11/29/89	7.5	---	---	---	---	---	---	---	---
S-10-B17	---	11/29/89	10.0	---	---	---	---	---	---	---	---
S-5-B18	---	11/29/89	5.0	---	---	---	---	---	---	---	---
S-7.5-B18	---	11/29/89	7.5	---	---	---	---	---	---	---	---
S-10-B18	---	11/29/89	10.0	---	---	---	---	---	---	---	---
S-10-B19	---	11/29/89	10.0	---	---	---	---	---	---	---	---
S-10-B20	---	11/29/89	10.0	---	---	---	---	---	---	---	---
S-3-B21	---	11/01/90	3.0	---	---	---	---	---	---	---	---
S-8-B21	---	11/01/90	8.0	---	---	---	---	---	---	---	---
S-5.5-B22	---	11/01/90	5.5	---	---	---	---	---	---	---	---
S-8-B22	---	11/01/90	8.0	---	---	---	---	---	---	---	---
S-3-B23	---	11/01/90	3.0	---	---	---	---	---	---	---	---
S-8-B23	---	11/01/90	8.0	---	---	---	---	---	---	---	---
S-5.5-B24	---	11/01/90	5.5	---	---	---	---	---	---	---	---
S-8-B24	---	11/01/90	8.0	---	---	---	---	---	---	---	---
S-5.5-B25	---	11/01/90	5.5	---	---	---	---	---	---	---	---
S-8-B25	---	11/01/90	8.0	---	---	---	---	---	---	---	---
S-5.5-B26	---	11/01/90	5.5	---	---	---	---	---	---	---	---
S-8-B26	---	11/01/90	8.0	---	---	---	---	---	---	---	---
S-5.5-B27	---	11/01/90	5.5	---	---	---	---	---	---	---	---
S-8-B27	---	11/01/90	8.0	---	---	---	---	---	---	---	---
S-3-B28	---	11/02/90	3.0	---	---	---	---	---	---	---	---
S-8-B28	---	11/02/90	8.0	---	---	---	---	---	---	---	---
S-5.5-B29	---	11/02/90	5.5	---	---	---	---	---	---	---	---
S-8-B29	---	11/02/90	8.0	---	---	---	---	---	---	---	---
S-5.5-B30	---	11/02/90	5.5	---	---	---	---	---	---	---	---
S-8-B30	---	11/02/90	8.0	---	---	---	---	---	---	---	---
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	---	---	---	---	---	---	---	---

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-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	---	---	---	---	---	---	---	---
CPT Borings											
S-2-CPT1	---	04/06/05	2.0	<0.0020	<0.00201	<0.0502	<0.0020	<0.0020	<0.0020	---	---
S-4-CPT1	---	04/06/05	4.0	<0.0020	<0.00200	<0.0501	<0.0020	<0.0020	<0.0020	---	---
S-6-CPT1	---	04/06/05	6.0	<0.0020	<0.00199	<0.0497	<0.0020	<0.0020	<0.0020	---	---
S-2-CPT2	---	04/07/05	2.0	<0.0020	<0.00202	<0.0504	<0.0020	<0.0020	<0.0020	---	---
S-4-CPT2	---	04/07/05	4.0	<0.0020	<0.00201	<0.0502	<0.0020	<0.0020	<0.0020	---	---
S-6-CPT2	---	04/07/05	6.0	<0.0020	<0.00200	<0.0501	<0.0020	<0.0020	<0.0020	---	---
S-8-CPT2	---	04/07/05	8.0	<0.0020	<0.00200	<0.0500	<0.0020	<0.0020	<0.0020	---	---
S-2-CPT3	---	04/07/05	2.0	<0.0020	<0.00199	<0.0498	<0.0020	<0.0020	<0.0020	---	---
S-4-CPT3	---	04/07/05	4.0	<0.0020	<0.00198	<0.0496	<0.0020	<0.0020	<0.0020	---	---
S-6-CPT3	---	04/07/05	6.0	<0.0020	<0.00200	<0.0501	<0.0020	<0.0020	<0.0020	---	---
S-8-CPT3	---	04/07/05	8.0	<0.0020	<0.00201	<0.0502	<0.0020	<0.0020	<0.0020	---	---
S-2-CPT4	---	04/07/05	2.0	<0.0020	<0.00198	<0.0496	<0.0020	<0.0020	<0.0020	---	---
S-4-CPT4	---	04/07/05	4.0	<0.0020	<0.00202	<0.0505	<0.0020	<0.0020	<0.0020	---	---
S-6-CPT4	---	04/07/05	6.0	<0.0020	<0.00200	<0.0500	<0.0020	<0.0020	<0.0020	---	---
S-8-CPT4	---	04/07/05	8.0	<0.0020	<0.00199	0.0567	<0.0020	<0.0020	<0.0020	---	---
S-2-CPT5	---	04/07/05	2.0	<0.0020	<0.00199	<0.0497	<0.0020	<0.0020	<0.0020	---	---
S-4-CPT5	---	04/07/05	4.0	<0.0020	<0.00200	<0.0501	<0.0020	<0.0020	<0.0020	---	---
S-6-CPT5	---	04/07/05	6.0	<0.0020	<0.00198	<0.0495	<0.0020	<0.0020	<0.0020	---	---
S-8-CPT5	---	04/07/05	8.0	<0.0020	<0.00200	<0.0499	<0.0020	<0.0020	<0.0020	---	---
S-2-CPT6	---	04/06/05	2.0	<0.0020	<0.00200	<0.0499	<0.0020	<0.0020	<0.0020	---	---
S-4-CPT6	---	04/06/05	4.0	<0.0020	<0.00201	<0.0502	<0.0020	<0.0020	<0.0020	---	---
S-6-CPT6	---	04/06/05	6.0	<0.0020	<0.00202	<0.0504	<0.0020	<0.0020	<0.0020	---	---
S-8-CPT6	---	04/06/05	8.0	<0.0020	<0.00201	<0.0502	<0.0020	<0.0020	<0.0020	---	---
S-5-CPT7	---	12/11/06	5.0	<0.00200	<0.00200	<0.0500	<0.00200	<0.00500	<0.00200	---	---
S-5-CPT11	---	12/12/06	5.0	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
S-5-CPT12	---	12/11/06	5.0	<0.00200	<0.00200	<0.0500	<0.00200	<0.00500	<0.00200	---	---

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)
Hydropunch Samples											
S-5-HP7	---	12/11/06	5.0	<0.00200	<0.00200	<0.0500	<0.00200	<0.00500	<0.00200	---	---
S-5-HP11	---	12/11/06	5.0	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
S-5-HP12	---	12/12/06	5.0	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
Product Line Trench Samples											
S3-Trench	---	04/28/87	3.0	---	---	---	---	---	---	---	---
S(3A+3B)	---	05/05/87	---	---	---	---	---	---	---	---	---
S(3C+3D)	---	05/05/87	---	---	---	---	---	---	---	---	---
S(3E+3F+3G)	---	05/05/87	---	---	---	---	---	---	---	---	---
S-1T	---	06/03/87	---	---	---	---	---	---	---	---	---
S-2T	---	06/03/87	---	---	---	---	---	---	---	---	---
S-3T	---	06/03/87	---	---	---	---	---	---	---	---	---
S-4T	---	06/03/87	---	---	---	---	---	---	---	---	---
Dispenser Samples											
S-2-DP1	---	04/07/05	2.0	<0.0020	<0.00202	<0.0504	<0.0020	<0.0020	<0.0020	---	---
S-4-DP1	---	04/07/05	4.0	<0.0020	<0.00201	<0.0502	<0.0020	<0.0020	<0.0020	---	---
S-6-DP1	---	04/07/05	6.0	<0.0020	<0.00198	<0.0496	<0.0020	<0.0020	<0.0020	---	---
S-8-DP1	---	04/07/05	8.0	<0.100	<0.100	<2.50	<0.100	<0.100	<0.100	---	---
S-10.5-DP1	---	04/14/05	10.5	<0.0020	<0.00200	<0.0500	<0.0020	<0.0020	<0.0020	---	---
S-2-DP3	---	04/06/05	2.0	<0.0020	<0.00202	<0.0504	<0.0020	<0.0020	<0.0020	---	---
S-4-DP3	---	04/06/05	4.0	<0.0020	<0.00201	<0.0502	<0.0020	<0.0020	<0.0020	---	---
S-6-DP3	---	04/06/05	6.0	<0.0020	<0.00200	<0.0501	<0.0020	<0.0020	<0.0020	---	---
S-8-DP3	---	04/06/05	8.0	<0.0020	<0.00201	<0.0502	<0.0020	<0.0020	<0.0020	---	---
S-9.5-DP3	---	04/14/05	9.5	<0.0020	<0.00198	<0.0496	<0.0020	<0.0020	<0.0020	---	---
S-12-DP3	---	04/14/05	12.0	<0.0020	<0.00198	<0.0496	<0.0020	<0.0020	<0.0020	---	---
S-2-DP4	---	04/07/05	2.0	<0.0020	<0.00199	<0.0498	<0.0020	<0.0020	<0.0020	---	---
S-4-DP4	---	04/07/05	4.0	<0.0020	<0.00201	<0.0503	<0.0020	<0.0020	<0.0020	---	---
S-6-DP4	---	04/07/05	6.0	<0.0020	<0.00199	<0.0498	<0.0020	<0.0020	<0.0020	---	---
S-8-DP4	---	04/07/05	8.0	<0.0020	<0.00199	<0.0497	<0.0020	<0.0020	<0.0020	---	---
S-10.5-DP4	---	04/14/05	10.5	<0.0020	<0.00201	<0.0502	<0.0020	<0.0020	<0.0020	---	---
S-2-DP5	---	04/07/05	2.0	<0.0020	<0.00198	<0.0496	<0.0020	<0.0020	<0.0020	---	---
S-4-DP5	---	04/07/05	4.0	<0.0020	<0.00199	<0.0498	<0.0020	<0.0020	<0.0020	---	---
S-6-DP5	---	04/07/05	6.0	<0.0020	<0.00200	<0.0501	<0.0020	<0.0020	<0.0020	---	---
S-8-DP5	---	04/07/05	8.0	<0.0020	<0.00200	<0.0500	<0.0020	<0.0020	<0.0020	---	---

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-10.5-DP5	---	04/14/05	10.5	<0.0020	<0.00200	<0.0501	<0.0020	<0.0020	<0.0020	---	---
S-2-DP6	---	04/06/05	2.0	<0.0020	<0.00200	<0.0500	<0.0020	<0.0020	<0.0020	---	---
S-4-DP6	---	04/06/05	4.0	<0.0020	<0.00199	<0.0498	<0.0020	<0.0020	<0.0020	---	---
S-6-DP6	---	04/06/05	6.0	<0.0020	<0.00199	<0.0498	<0.0020	<0.0020	<0.0020	---	---
S-5-DP7	---	12/08/06	5.0	<0.00200	<0.00200	<0.0500	<0.00200	<0.00500	<0.00200	---	---
S-10-DP7	---	12/14/06	10.0	<0.050	<0.050	<0.20	<0.050	<0.050	<0.050	<1.0	---
S-15.5-DP7	---	12/14/06	15.5	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
S-20-DP7	---	12/14/06	20.0	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
S-25.5-DP7	---	12/14/06	25.5	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
S-29.5-DP7	---	12/14/06	29.5	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
S-5-DP8	---	12/08/06	5.0	<0.00200	<0.00200	<0.0500	<0.00200	<0.00500	<0.00200	---	---
S-10-DP8	---	12/14/06	10.0	<0.050	<0.050	<0.20	<0.050	<0.050	<0.050	<1.0	---
S-15-DP8	---	12/14/06	15.0	<0.050	<0.050	<0.20	<0.050	<0.050	<0.050	<1.0	---
S-19.5-DP8	---	12/14/06	19.5	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
S-29.5-DP8	---	12/14/06	29.5	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
S-5-DP9	---	12/11/06	5.0	<0.00200	<0.00200	<0.0500	<0.00200	<0.00500	<0.00200	---	---
S-9.5-DP9	---	12/15/06	9.5	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
S-14.5-DP9	---	12/15/06	14.5	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
S-20-DP9	---	12/15/06	20.0	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
S-25.5-DP9	---	12/15/06	25.5	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
S-29.5-DP9	---	12/15/06	29.5	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.10	---
Old Tank Pit Samples											
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-1A	---	07/26/89	5.0	---	---	---	---	---	---	---	---
S-10-E	---	05/05/87	10.0	---	---	---	---	---	---	---	---
S-7-S	---	05/05/87	7.0	---	---	---	---	---	---	---	---
S-1B	---	07/26/89	9.0	---	---	---	---	---	---	---	---
S-6-W	---	05/05/87	6.0	---	---	---	---	---	---	---	---
S-2A	---	08/04/89	9.0	---	---	---	---	---	---	---	---
S-3A	---	08/04/89	9.0	---	---	---	---	---	---	---	---
S-16-S	---	05/06/87	16.0	---	---	---	---	---	---	---	---
S-4A	---	08/04/89	9.0	---	---	---	---	---	---	---	---
S1	---	05/14/87	14.0	---	---	---	---	---	---	---	---

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)
S2	---	05/14/87	14.0	---	---	---	---	---	---	---	---
S-14EE	---	05/15/87	14.0	---	---	---	---	---	---	---	---
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	---	---	---	---	---	---	---	---
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	---	---	---	---	---	---	---	---
Stockpile Soil 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

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

Notes:

S-2-CPT1	=	Soil - Sample Depth - Sample Location.
TPHd	=	Total petroleum hydrocarbons as diesel analyzed using EPA Method 8015B.
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8015B.
MTBE	=	Methyl tertiary butyl ether analyzed using EPA Method 8260B.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B.
ETBE	=	Ethyl tertiary butyl ether analyzed using EPA Method 8260B.
TAME	=	Tertiary amyl methyl ether analyzed using EPA Method 8260B.
TBA	=	Tertiary butyl alcohol analyzed using EPA Method 8260B.
1,2-DCA	=	1,2-dichloroethane analyzed using EPA Method 8260B.
EDB	=	1,2-dibromoethane analyzed using EPA Method 8260B.
DIPE	=	Di-isopropyl ether analyzed using EPA Method 8260B.
Ethanol	=	Ethanol analyzed using EPA Method 8260B.
Lead	=	Lead analyzed using EPA Method 6010B.
feet bgs	=	Feet below ground surface.
mg/kg	=	Milligrams per kilogram.
<	=	Less than the stated reporting limit.
a	=	Result is not consistent with specified fuel.
b	=	Hydrocarbons greater than C22 were detected, and 460 mg/kg of Oil and Grease analyzed using SM5520 were detected.
c	=	Data missing from historical files.

APPENDIX

A

CORRESPONDENCE

Cardno ERI

Shaping the Future

Rebekah Westrup

From: Jakub, Barbara, Env. Health <barbara.jakub@acgov.org>
Sent: Wednesday, July 31, 2013 11:48 AM
To: Rebekah Westrup
Subject: RE: RO491 EXXON #7-3006, 720 High Street, Oakland

Rebekah,
Your request for an extension until September 30, 2013 is granted.
Regards,
Barb Jakub

From: Rebekah Westrup [mailto:rebekah.westrup@cardno.com]
Sent: Tuesday, July 30, 2013 7:34 AM
To: Jakub, Barbara, Env. Health
Subject: RE: RO491 EXXON #7-3006, 720 High Street, Oakland

Barb:

We are working on tying in data from other surrounding sites for an overall picture of conditions in our SCM Update. We request an extension to September 30th for submittal. Is this acceptable to you?

Rebekah A. Westrup
SR STAFF GEOLOGIST
CARDNO ERI

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

---

From: Jakub, Barbara, Env. Health [mailto:barbara.jakub@acgov.org]
Sent: Wednesday, June 19, 2013 1:48 PM
To: jennifer.c.sedlachek@exxonmobil.com; mashpetroleum@yahoo.com
Cc: Roe, Dilan, Env. Health; Rebekah Westrup; David R. Daniels; 'james.chappell@cardno.com'; 'MSEPEHR@SOMAENV.COM'
Subject: RO491 EXXON #7-3006, 720 High Street, Oakland

Dear Ms. Sedlachek and Mr. Mashoon,

Alameda County Environmental Health (ACEH) staff met with Cardno ERI on June 18, 2012 to discuss sites in the Exxon portfolio including the case referenced above. We briefly discussed the *Agency Response and Work Plan for Soil Vapor Sampling* (Work Plan) dated July 14, 2011, which was prepared by Cardno ERI for the subject site. The Work Plan proposed installing four soil vapor points to evaluate the vapor intrusion pathway at the site. Subsequent to submittal of the Work Plan, the State Water Resources Control Board's Low-Threat Underground Storage Tank Case Closure Policy (LTCP) was implemented and evaluation of vapor intrusion to on-site buildings at active commercial fueling facilities is no longer required. ACEH and Cardno ERI discussed reevaluating the site based on the LTCP criteria to determine the next steps needed at the site. We discussed submittal of a focused Site Conceptual Model (SCM) that identifies data gaps and proposes work to address these data gaps. Please prepare the requested document and submit it by the due date requested below.

Please submit technical reports to ACEH (Attention: Barbara Jakub), according to Attachment 1 and the following naming convention and schedule:

- **August 30, 2013 –** Data Gap Investigation Plan and Site Conceptual Model
  (File to be named: WP_SCM_R_yyyy-mm-dd)

Enclosures: Attachment 1 - Responsible Party(ies) Legal Requirements/Obligations &
ACEH Electronic Report Upload (ftp) Instructions

Sincerely,

Barbara Jakub, P.G.
Hazardous Materials Specialist
Alameda County Environmental Health
1131 Harbor Bay Pky.
Alameda, CA 94502
Direct: 510-639-1287
Fax: 510-337-9335

PDF copies of case files can be downloaded at:

http://ehgis.acgov.org/dehpublic/dehpublic.jsp

Rebekah Westrup

From: Jakub, Barbara, Env. Health <barbara.jakub@acgov.org>
Sent: Thursday, June 13, 2013 1:39 PM
To: jennifer.c.sedlachek@exxonmobil.com; mashpetroleum@yahoo.com
Cc: Rebekah Westrup; 'MSEPEHR@SOMAENV.COM'; Roe, Dilan, Env. Health; dehloptoxic, Env. Health
Subject: RO491, Exxon RAS #73006, 720 High St., Oakland, CA

Dear Ms. Sedlachek and Mr. Mashoon,

Alameda County Environmental Health (ACEH) has reviewed the case file including the *Semi-Annual Groundwater Monitoring Report, Fourth Quarter 2012* dated November 20, 2012 and prepared by Cardno ERI.

ACEH has evaluated the data and recommendations presented in the above-mentioned report, in conjunction with the case files, and the State Water Resources Control Board's (SWRCBs) Low Threat Underground Storage Tank Case Closure Policy (LTCP). Based on our review of these documents, we request that you perform the requested work and send us the reports listed below.

During the quarterly monitoring event up to 0.19 feet of free product was observed in well MW-3 with an increase in hydrocarbon concentrations of three orders of magnitude. Cardno ERI recommended installing a passive skimmer. ACEH concurs with this recommendation. Please install and operate the skimmer by **August 15, 2013**. Include a mass removal table in the Semi-Annual Monitoring report requested below. ACEH also notes that groundwater levels appear to be declining to where they are now within the sand pack interval. This appears to correlate to the recent detections of free product. Please evaluate if the wells are screened appropriately to monitor free product and hydrocarbon concentrations in all of the wells. Please present your evaluation in the Second Half Semi-Annual Groundwater Monitoring Report 2013 by **November 30, 2013**.

Cardno ERI proposed installing two off-site well pairs to define the extent of the downgradient plume (MW-21a/b and MW-22a/b). ACEH approved this work on August 5, 2008. The work was postponed until 2013 due to CalTrans road work. It is now 2013, please submit an updated schedule for this work in the Semi-Annual Monitoring Report.

Sincerely,

Barbara Jakub, P.G.
Hazardous Materials Specialist
Alameda County Environmental Health
1131 Harbor Bay Pky.
Alameda, CA 94502
Direct: 510-639-1287
Fax: 510-337-9335

PDF copies of case files can be downloaded at:

http://ehgis.acgov.org/dehpublic/dehpublic.jsp

APPENDIX

B

CERTIFIED SANBORN® MAP REPORT (EDR, 2013a)
AND EDR AERIAL PHOTO DECADE PACKAGE
(EDR, 2013b)

Cardno ERI
Shaping the Future

Former Exxon 73006
720 High Street
Oakland, CA 94601

Inquiry Number: 3695689.1
August 15, 2013

Certified Sanborn® Map Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

8/15/13

Site Name:
Former Exxon 73006
720 High Street
Oakland, CA 94601

Client Name:
Environmental Resolutions,Inc
601 North McDowell Boulevard
Petaluma, CA 94954

EDR® Environmental Data Resources Inc

EDR Inquiry # 3695689.1

Contact: Heidi Dieffenbach-Carle

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Environmental Resolutions,Inc were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: Former Exxon 73006
Address: 720 High Street
City, State, Zip: Oakland, CA 94601
Cross Street:
P.O. # 022010CX R32
Project: Former Exxon 73006
Certification # 7E4B-4178-BD59

Maps Provided:

1969	1925
1966	1912
1961	1897
1957	
1952	
1950	

Sanborn® Library search results
Certification # 7E4B-4178-BD59

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

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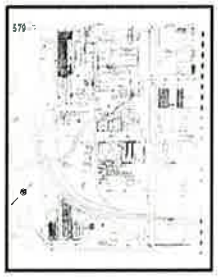
Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1969 Source Sheets


Volume 5, Sheet 510


Volume 5, Sheet 567


Volume 5, Sheet 579


Volume 5, Sheet 589


Volume 5, Sheet 594

1966 Source Sheets


Volume 5, Sheet 510


Volume 5, Sheet 567


Volume 5, Sheet 579


Volume 5, Sheet 589

1961 Source Sheets


Volume 5, Sheet 510


Volume 5, Sheet 567


Volume 5, Sheet 579


Volume 5, Sheet 589

1957 Source Sheets


Volume 5, Sheet 567


Volume 5, Sheet 579


Volume 5, Sheet 589


Volume 5, Sheet 510

1952 Source Sheets

Volume 5, Sheet 510

Volume 5, Sheet 567

Volume 5, Sheet 579

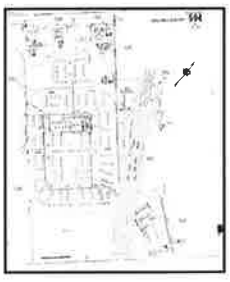
Volume 5, Sheet 589

1950 Source Sheets

Volume 5, Sheet 567

Volume 5, Sheet 579

Volume 5, Sheet 589



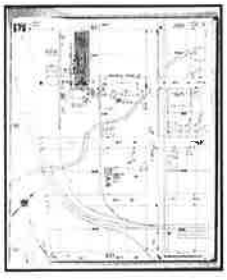
Volume 5, Sheet 594

Volume 5, Sheet 510

1925 Source Sheets

Volume 5, Sheet 510

Volume 5, Sheet 567



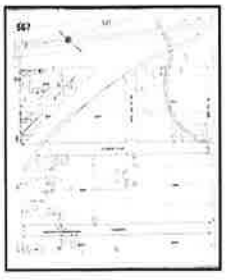
Volume 5, Sheet 579

Volume 5, Sheet 589

1912 Source Sheets

Volume 5, Sheet 519

Volume 5, Sheet 537



Volume 5, Sheet 567

1897 Source Sheets

Volume 1, Sheet 35

1969 Certified Sanborn Map

Site Name: Former Exxon 73006
Address: 720 High Street
City, ST, ZIP: Oakland CA 94601
Client: Environmental Resolutions Inc
EDR Inquiry: 3695689.1
Order Date: 8/15/2013 11:01:01 AM
Certification #: 7E4B-4178-BD59
Copyright: 1969

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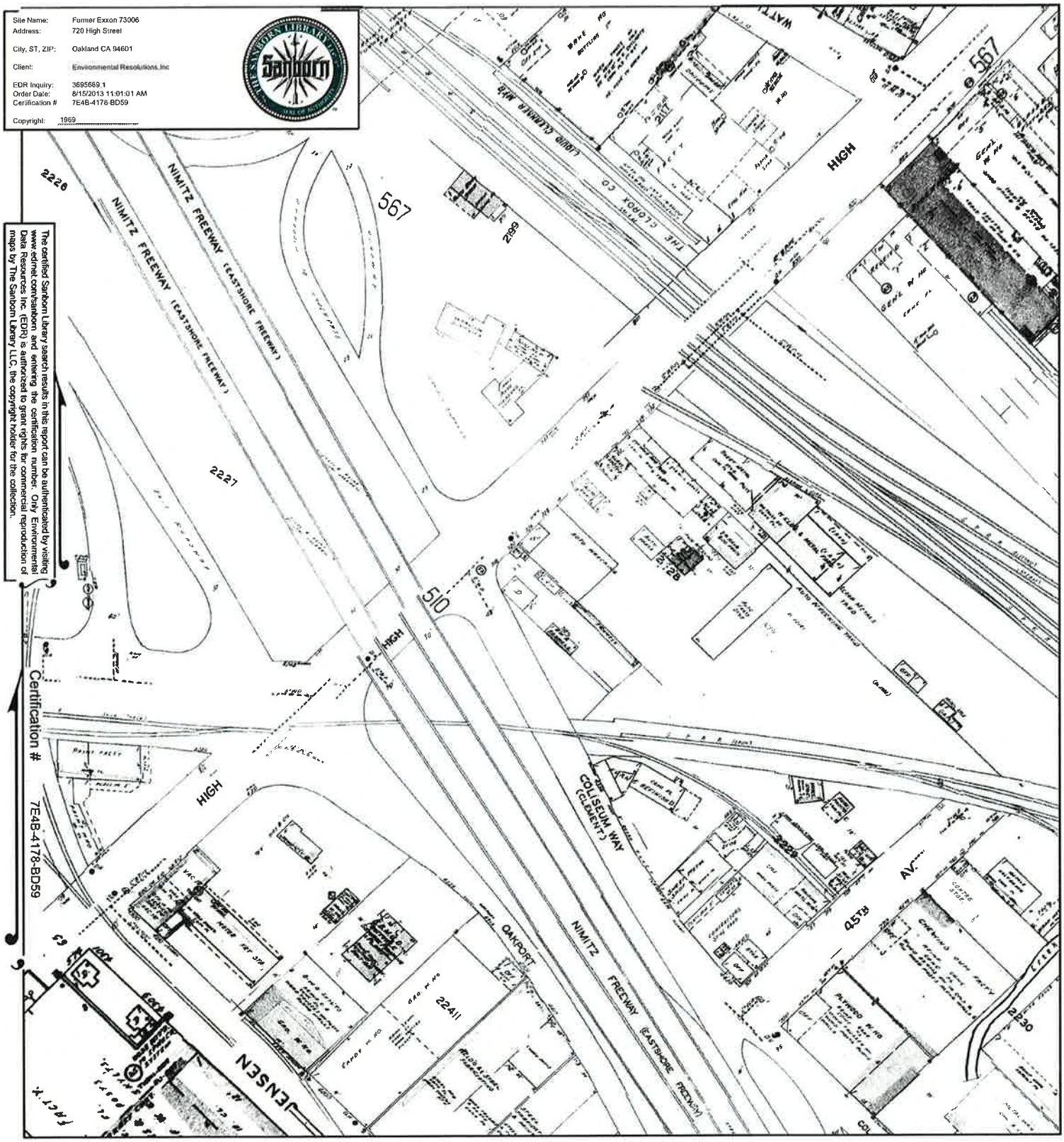

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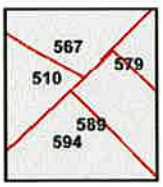
Outlined areas indicate map sheets within the collection.



Volume 5, Sheet 510
Volume 5, Sheet 567
Volume 5, Sheet 579
Volume 5, Sheet 589
Volume 5, Sheet 594

0 Feet 150 300 600

N

1966 Certified Sanborn Map

Site Name: Former Exxon 73006
Address: 720 High Street
City, ST, ZIP: Oakland CA 94601
Client: Environmental Resolutions,Inc
EDR Inquiry: 3695689.1
Order Date: 8/15/2013 11:01:01 AM
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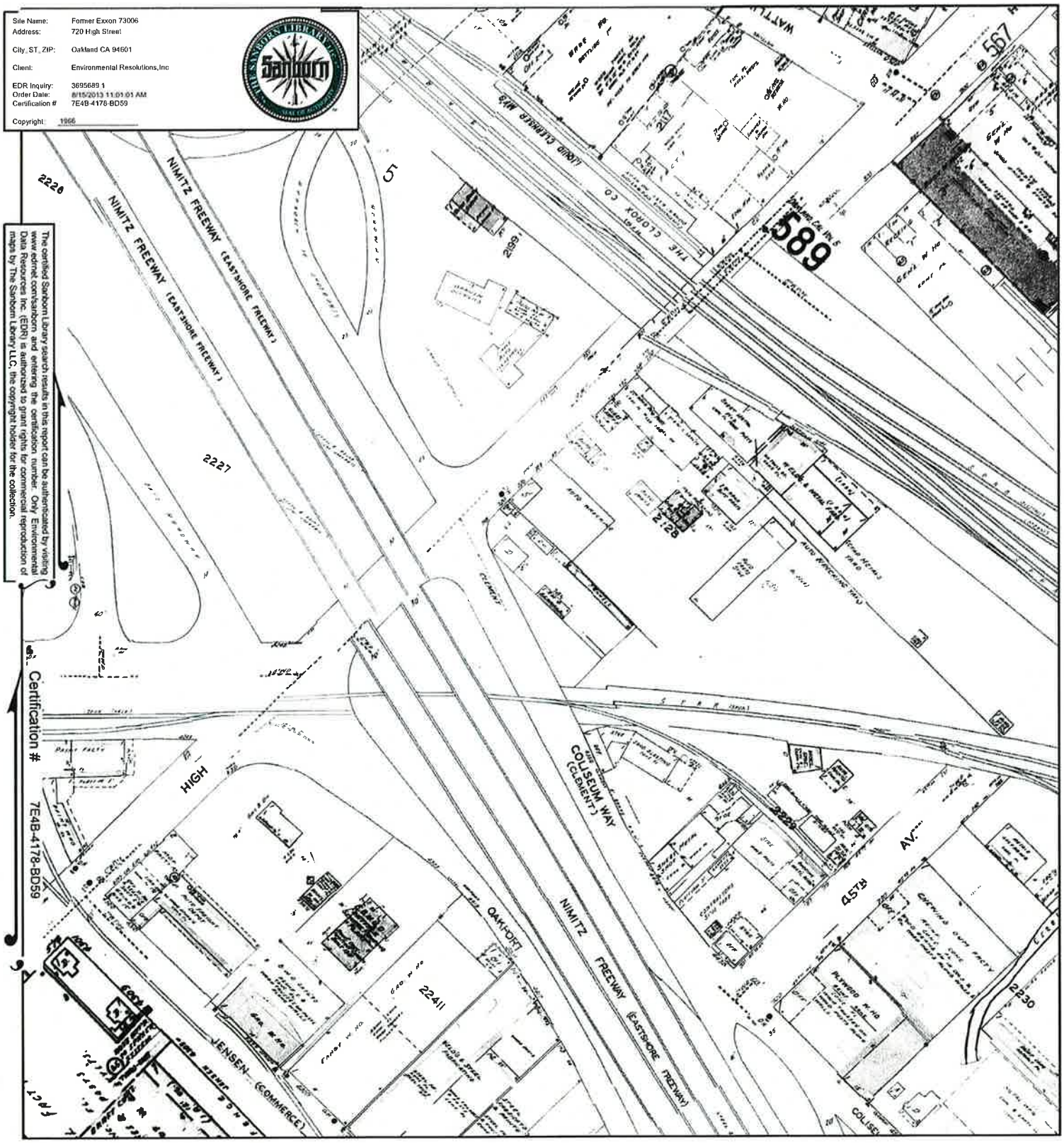

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600

Volume 5, Sheet 510
Volume 5, Sheet 567
Volume 5, Sheet 579
Volume 5, Sheet 589

N

1961 Certified Sanborn Map

Site Name: Former Exxon 73006
Address: 720 High Street
City, ST, ZIP: Oakland CA 94601
Client: Environmental Resolutions Inc
EDR Inquiry: 3695689.1
Order Date: 8/15/2013 11:01:01 AM
Certification #: 7E4B-4178-BD59
Copyright: 1961

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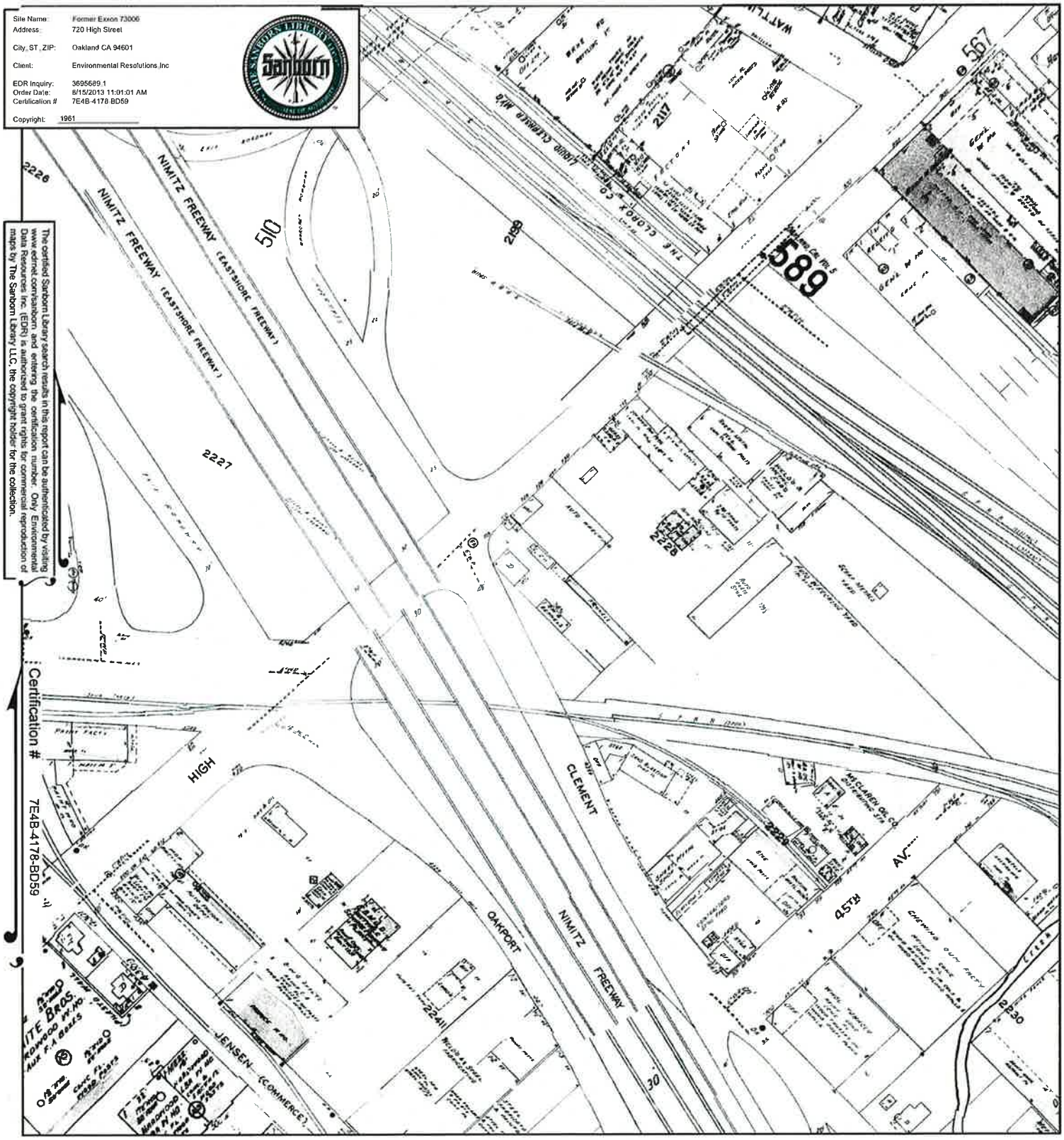

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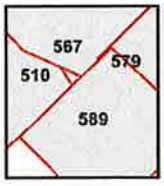


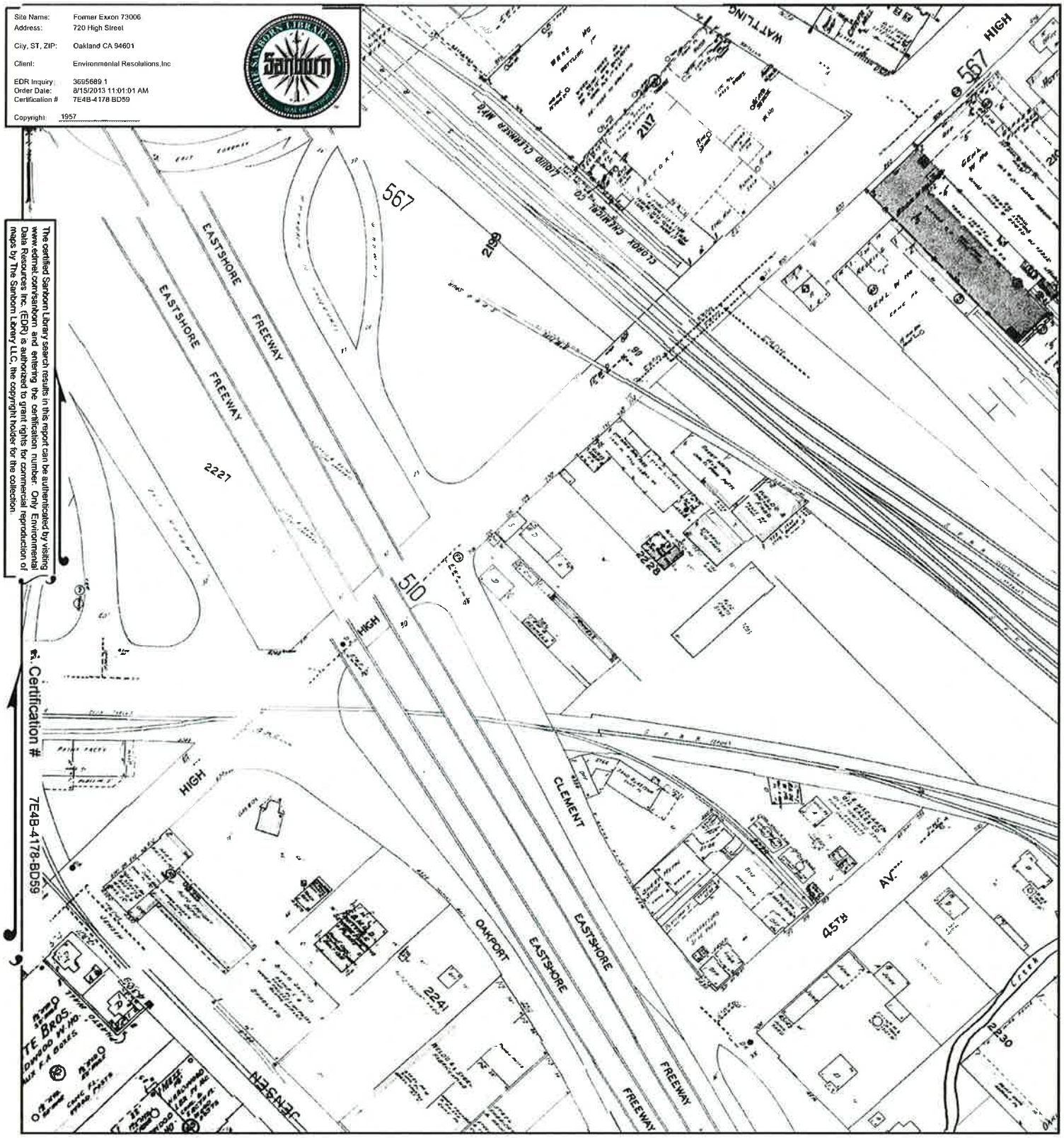
Volume 5, Sheet 510
Volume 5, Sheet 567
Volume 5, Sheet 579
Volume 5, Sheet 589

0 Feet 150 300 600

N

1957 Certified Sanborn Map

Site Name: Former Exxon 73006
Address: 720 High Street
City, ST, ZIP: Oakland CA 94601
Client: Environmental Resolutions,Inc
EDR Inquiry: 3695689.1
Order Date: 8/15/2013 11:01:01 AM
Certification #: 7E4B-4178-BD59
Copyright: 1957



Certification # 7E4B-4178-BD59

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Outlined areas indicate map sheets within the collection.

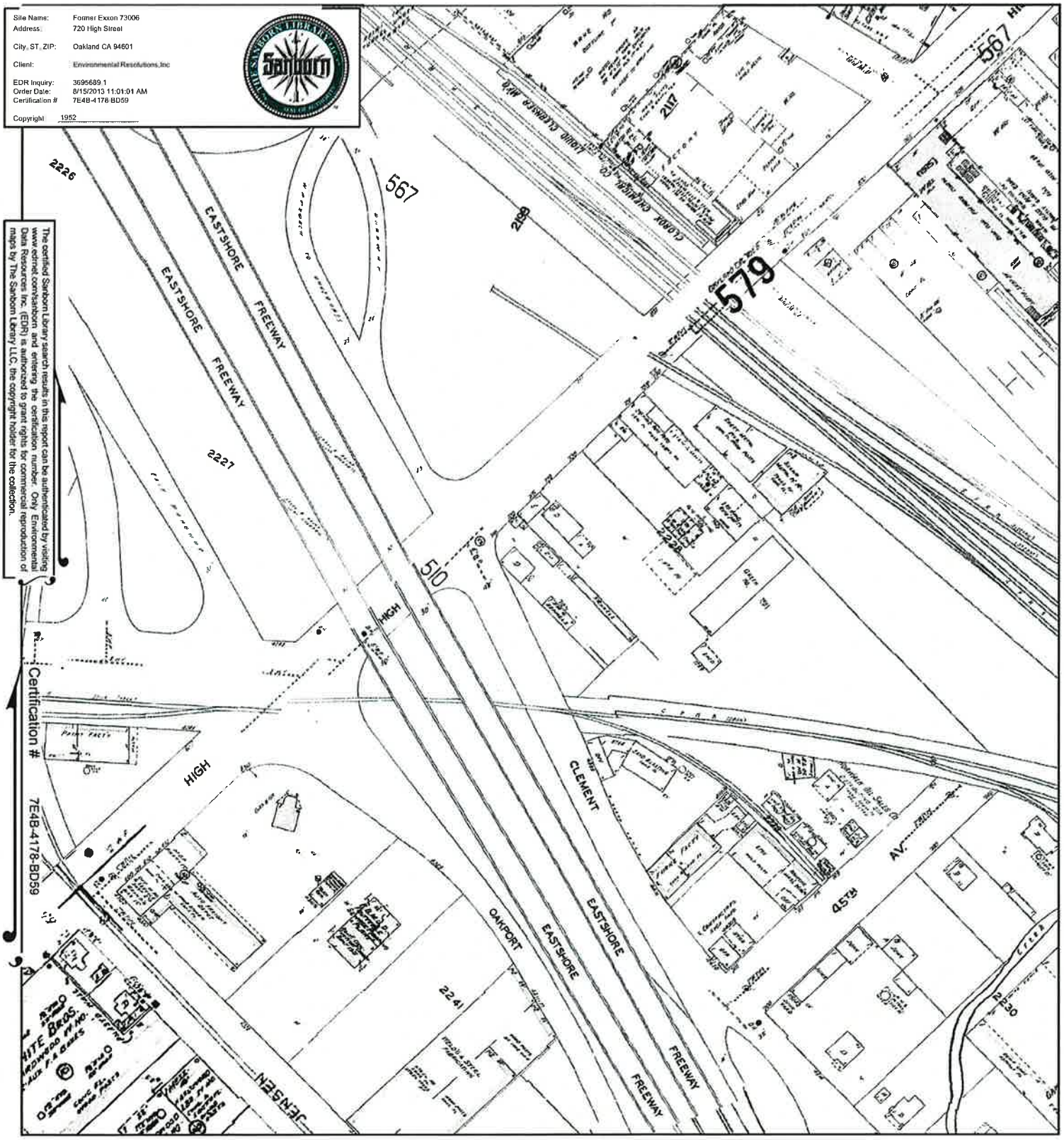
Volume 5, Sheet 567
Volume 5, Sheet 579
Volume 5, Sheet 589
Volume 5, Sheet 510

0 Feet 150 300 600

N

1952 Certified Sanborn Map

Site Name: Former Exxon 73006
Address: 720 High Street
City, ST, ZIP: Oakland CA 94601
Client: Environmental Resolutions, Inc
EDR Inquiry: 3695689.1
Order Date: 8/15/2013 11:01:01 AM
Certification #: 7E4B-4178-BD59
Copyright: 1952



Certification # 7E4B-4178-BD59

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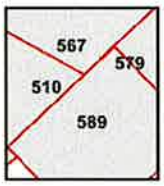


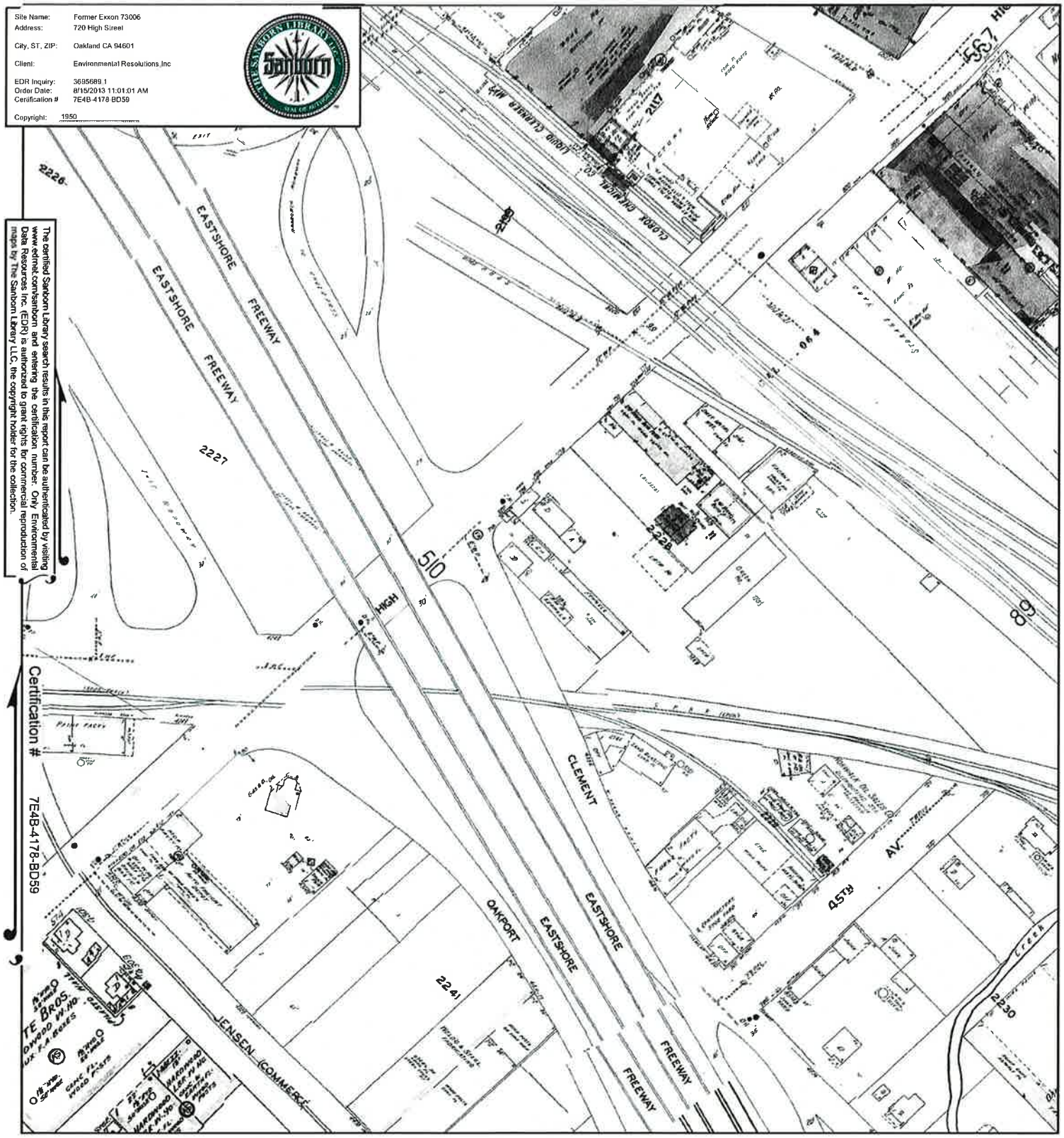
Volume 5, Sheet 510
Volume 5, Sheet 567
Volume 5, Sheet 579
Volume 5, Sheet 589

N

1950 Certified Sanborn Map

Site Name: Former Exxon 73006
Address: 720 High Street
City, ST, ZIP: Oakland CA 94601
Client: Environmental Resolutions,Inc
EDR Inquiry: 3695689.1
Order Date: 8/15/2013 11:01:01 AM
Certification #: 7E4B-4178-BD59
Copyright: 1950

Certification # 7E4B-4178-BD59



This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600

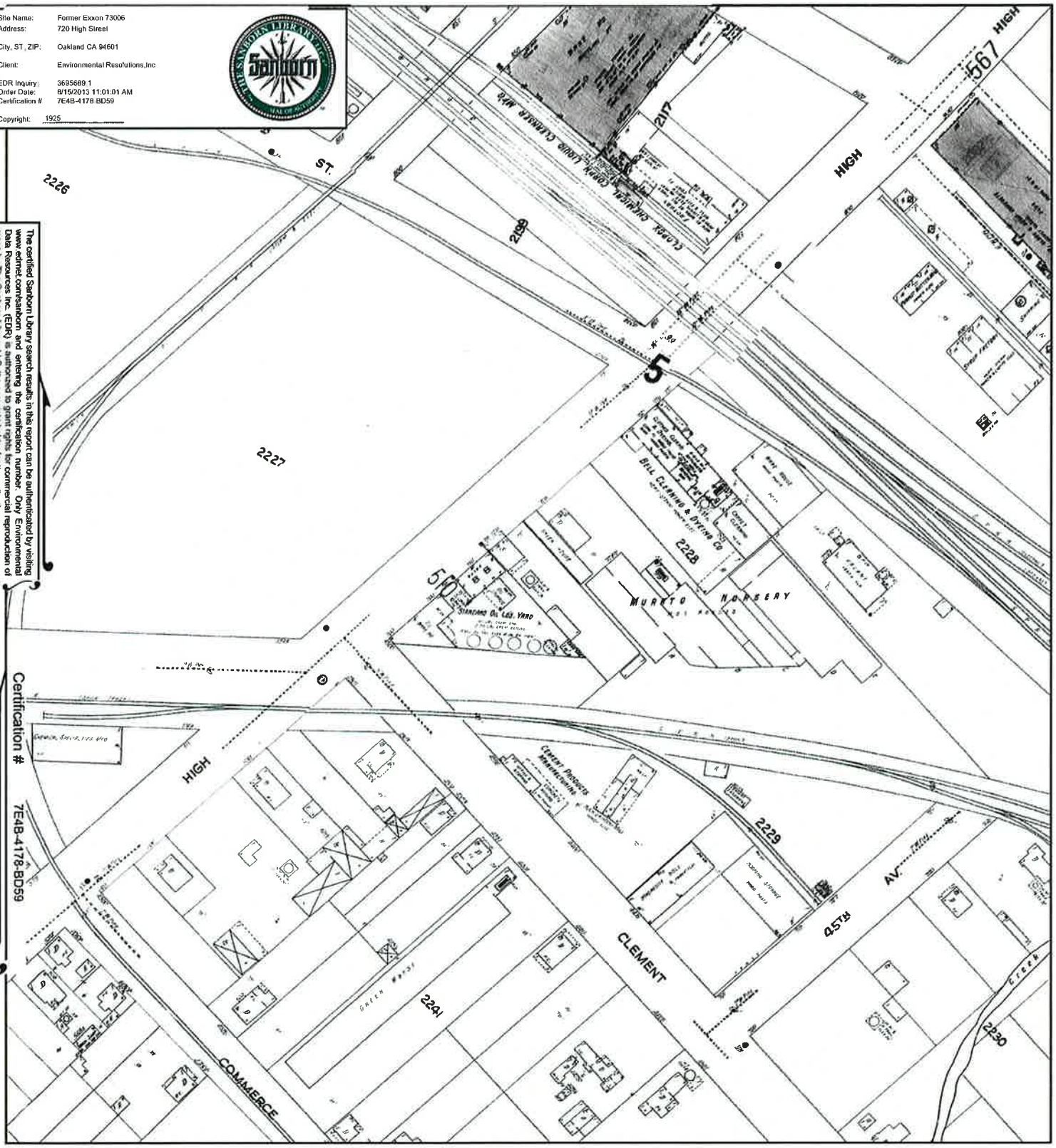
Volume 5, Sheet 567
Volume 5, Sheet 579
Volume 5, Sheet 589
Volume 5, Sheet 594
Volume 5, Sheet 510

N

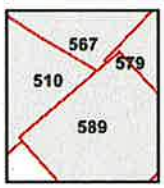
1925 Certified Sanborn Map

Site Name: Former Exxon 73006
Address: 720 High Street
City, ST, ZIP: Oakland CA 94601
Client: Environmental Resolutions,Inc
EDR Inquiry: 3695689.1
Order Date: 8/15/2013 11:01:01 AM
Certification #: 7E4B-4178-BD59
Copyright: 1925

Certification # 7E4B-4178-BD59



This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



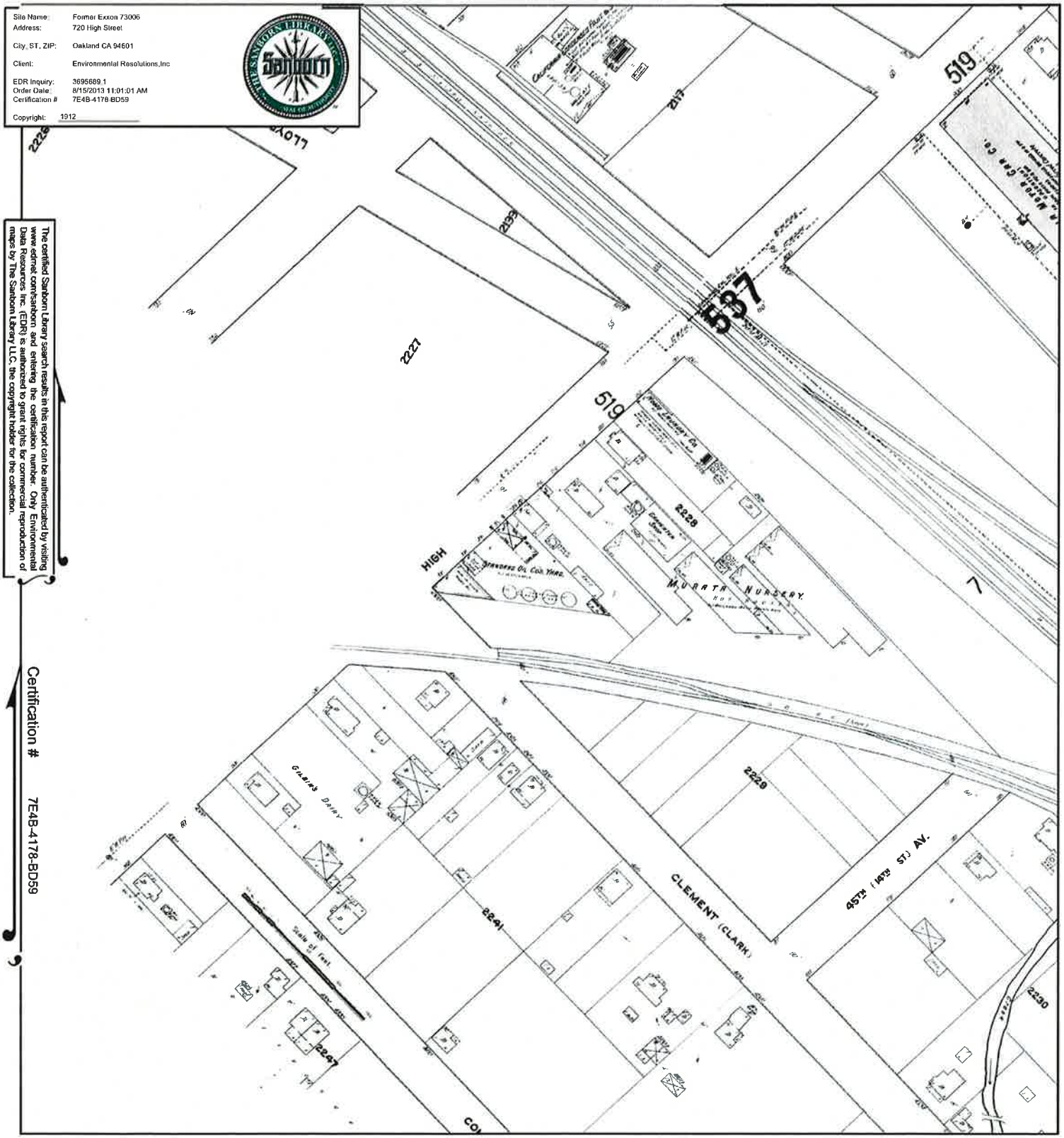
Volume 5, Sheet 510
Volume 5, Sheet 567
Volume 5, Sheet 579
Volume 5, Sheet 589

0 Feet 150 300 600

N

1912 Certified Sanborn Map

Site Name: Former Exxon 73006
Address: 720 High Street
City, ST, ZIP: Oakland CA 94601
Client: Environmental Resolutions,Inc
EDR Inquiry: 3695689.1
Order Date: 8/15/2013 11:01:01 AM
Certification #: 7E4B-4178-BD59
Copyright: 1912



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Certification # 7E4B-4178-BD59

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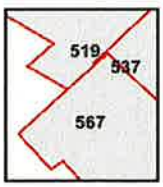
Outlined areas indicate map sheets within the collection.



Volume 5, Sheet 519
Volume 5, Sheet 537
Volume 5, Sheet 567

0 Feet 150 300 600

N

1897 Certified Sanborn Map

Site Name: Former Exxon 73006
Address: 720 High Street
City, ST, ZIP: Oakland CA 94601
Client: Environmental Resolutions,Inc
EDR Inquiry: 3695689.1
Order Date: 8/15/2013 11:01:01 AM
Certification #: 7E4B-4178-BD59
Copyright: 1897

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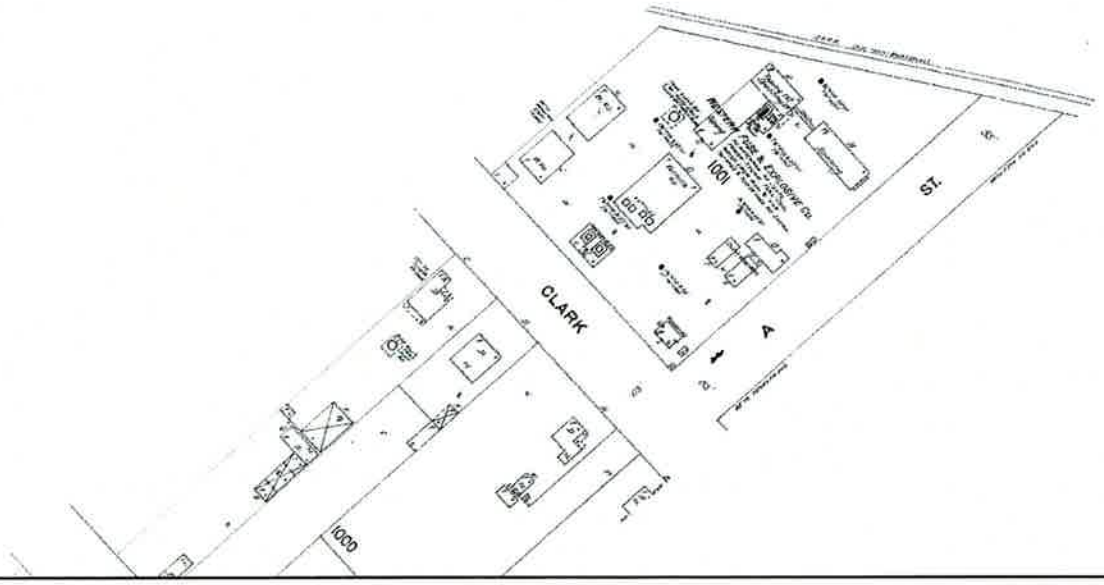
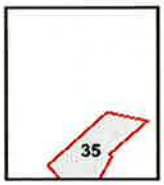
Certification # 7E4B-4178-BD59



This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 1, Sheet 35

N

Former Exxon 73006
720 High Street
Oakland, CA 94601

Inquiry Number: 3695689.3
August 19, 2013

The EDR Aerial Photo Decade Package

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Date EDR Searched Historical Sources:

Aerial Photography August 19, 2013

Target Property:

720 High Street
Oakland, CA 94601

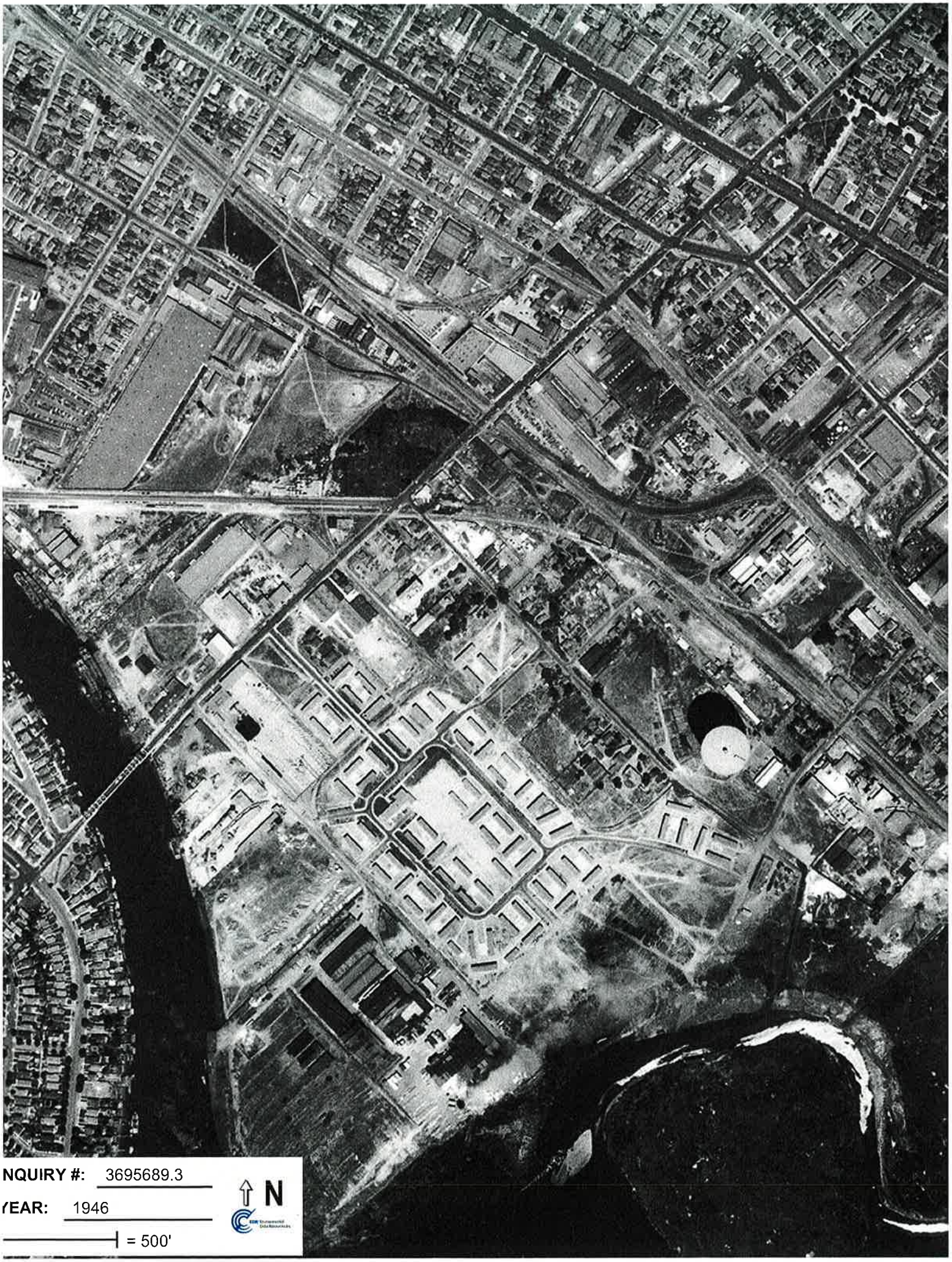
Year	*Scale*	*Details*	*Source*
1939	Aerial Photograph. Scale: 1"=500'	Flight Year: 1939	Fairchild
1946	Aerial Photograph. Scale: 1"=500'	Flight Year: 1946	Jack Ammann
1958	Aerial Photograph. Scale: 1"=500'	Flight Year: 1958	USGS
1968	Aerial Photograph. Scale: 1"=500'	Flight Year: 1968	USGS
1974	Aerial Photograph. Scale: 1"=500'	Flight Year: 1974 Best Copy Available from original source	USGS
1982	Aerial Photograph. Scale: 1"=500'	Flight Year: 1982	WSA
1993	Aerial Photograph. Scale: 1"=500'	/DOQQ - acquisition dates: 1993	EDR
1999	Aerial Photograph. Scale: 1"=500'	Flight Year: 1999	WAC
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	EDR
2009	Aerial Photograph. Scale: 1"=500'	Flight Year: 2009	EDR
2010	Aerial Photograph. Scale: 1"=500'	Flight Year: 2010	EDR
2012	Aerial Photograph. Scale: 1"=500'	Flight Year: 2012	EDR

NQUIRY #: 3695689.3

YEAR: 1939

= 500'

N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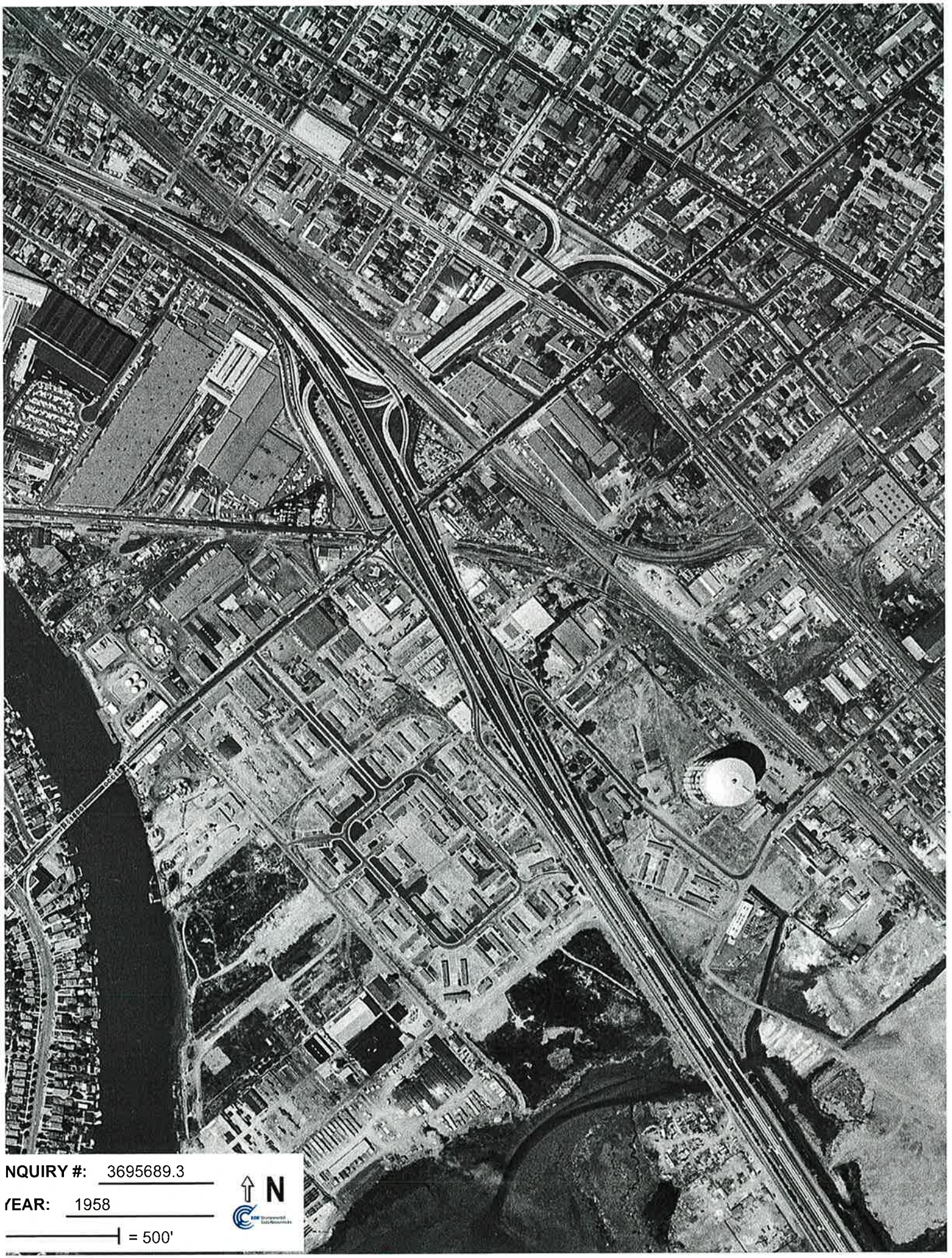
EAR: 1946
= 500'
N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/EAR: 1958
= 500'
N

INQUIRY #: 3695689.3

YEAR: 1968

= 500'

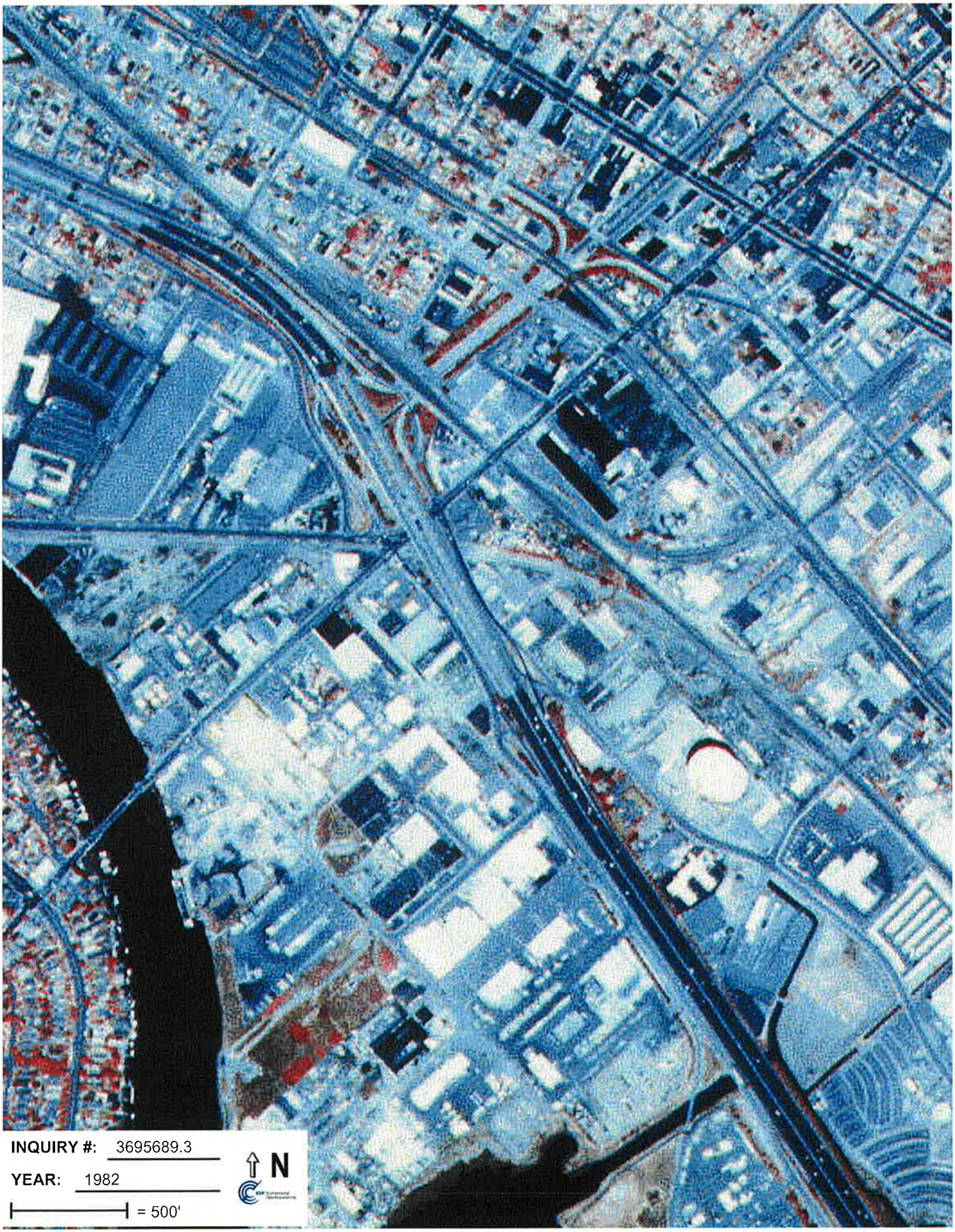
N

INQUIRY #: 3695689.3

YEAR: 1974

= 500'

N


INQUIRY #: 3695689.3
YEAR: 1982
= 500'
N


INQUIRY #: 3695689.3
YEAR: 1993
= 500'
N


INQUIRY #: 3695689.3
YEAR: 1999
= 500'
N


INQUIRY #: 3695689.3
YEAR: 2005
= 500'
N


INQUIRY #: 3695689.3
YEAR: 2009
= 500'
N


INQUIRY #: 3695689.3
YEAR: 2010
= 500'
N


INQUIRY #: 3695689.3
YEAR: 2012
= 500'
N

APPENDIX

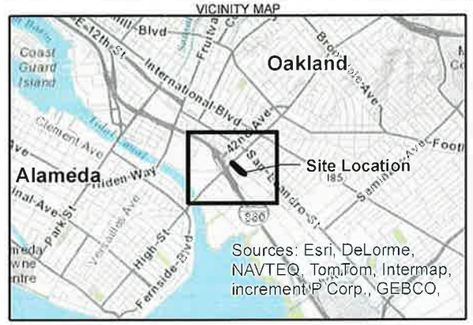
C

NEARBY WATER WELLS AND SITES OF POTENTIAL ENVIRONMENTAL CONCERN (CH2MHILL, 2013)

Cardno ERI

Shaping the Future

VICINITY MAP



LEGEND

- Water Supply Wells
- LUST Site
- Culverted Creek
- Unculverted Creek
- Site Boundary
- Site of Potential Environmental Concern

Notes:
1. The locations of water supply wells are approximate.
2. Approximate Location of Peralta Creek from Sowers (2000).
3. LUST = leaking underground storage tank
4. Adjacent sites located within approximately 0.25 mile of the Site.

N

0 175 350
Feet

FIGURE 2-6
Nearby Water Wells and Sites of Potential Environmental Concern
Site Conceptual Model Report and Data Gap Work Plan
744 and 758 High Street, Oakland, California

CH2MHILL

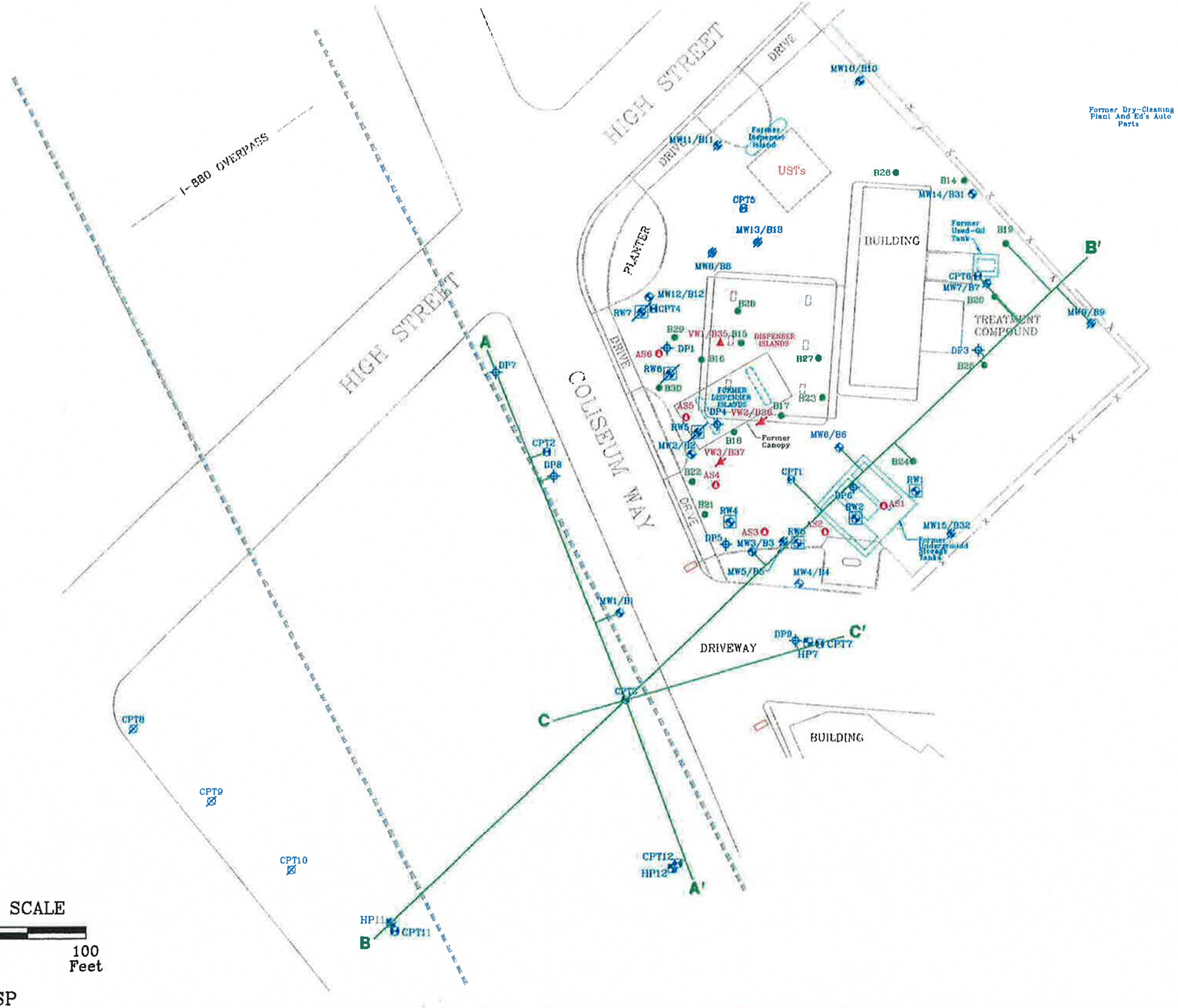
APPENDIX

D

CROSS SECTIONS

Cardno ERI

Shaping the Future



APPROXIMATE SCALE

0 50 100 Feet

FN 20100006A_SP

Utility Trench Sampling Point

C C' Cross Section Locations

ERI ENVIRONMENTAL RESOURCES, INC.

GENERALIZED SITE PLAN

FORMER
EXXON SERVICE STATION 7-3006
720 High Street
Oakland, California

EXPLANATION

- MW14 Groundwater Monitoring Well
- B30 Soil Boring/Soil Sample
- AS6 Air Sparge Well
- RW4 Recovery Well
- DP9 Direct Push Boring
- CPT12 Cone Penetrometer Test Boring
- HP12 Hydropunch Boring
- VW1/B35 Soil Vapor Extraction Well
- RW7 Destroyed Recovery Well
- MW15 Destroyed Groundwater Monitoring Well
- VW3/B37 Soil Vapor Extraction Well
- CPT10 Abandoned Cone Penetrometer Test Boring

PROJECT NO. 2010

PLATE 4

Analyte Concenterations in mg/kg

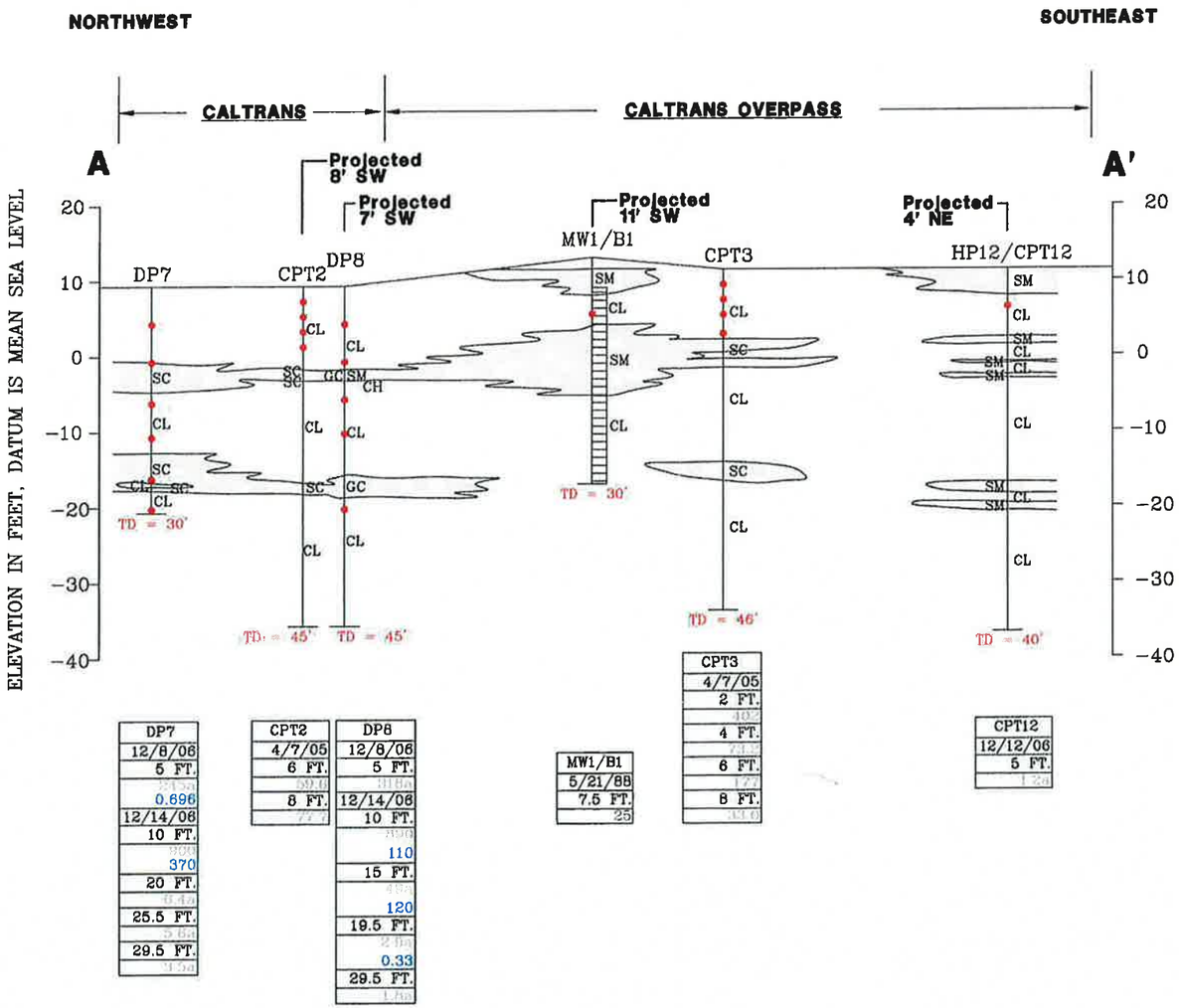
12/14/06	Sample Date
10 FT.	Sample Depth
900	Total Petroleum Hydrocarbons as diesel
370	Total Petroleum Hydrocarbons as gasoline

FT. Feet

< Less Than the Stated Laboratory Reporting Limit

mg/kg Milligrams per kilogram

a TPHd result is not consistent with diesel fuel.



DP7
12/8/06
5 FT.
23.5a
0.696
12/14/06
10 FT.
900
370
20 FT.
6.4a
25.5 FT.
5.6a
29.5 FT.
1.5a

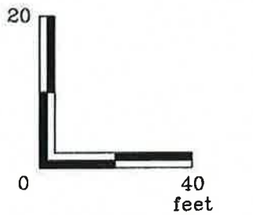
CPT2
4/7/05
6 FT.
59.0
8 FT.
77.4

DP8
12/8/06
5 FT.
310a
12/14/06
10 FT.
200
110
15 FT.
48a
120
19.5 FT.
2.9a
0.33
29.5 FT.
1.8a

MW1/B1
5/21/88
7.5 FT.
25

CPT3
4/7/05
2 FT.
40.2
4 FT.
23.2
6 FT.
1.2a
8 FT.
31.0

CPT12
12/12/06
5 FT.
1.2a



Vertical Exaggeration x2

FN 2010 07 R28 XS A-A' SOIL

ERI ENVIRONMENTAL RESOLUTIONS, INC.

CROSS SECTION A-A'
VERTICAL LIMITS OF RESIDUAL HYDROCARBONS IN SOIL
FORMER
EXXON SERVICE STATION 7-3006
720 High Street
Oakland, California

EXPLANATION

Coarse-grained sediments (Including SC, SM, and GC. Also includes select layers, desingated silt on the CPT logs, interpreted to be coarser water-bearing sidiments based on the presence of groundwater and stratigrafic correlation with sand layers in the DP borings.)

Fine-grained sediments (Including, CL, CH, and ML.)

TD = Total Depth

• Sample Depth

PROJECT NO. 2010

PLATE 6

Analyte Concenterations in mg/kg

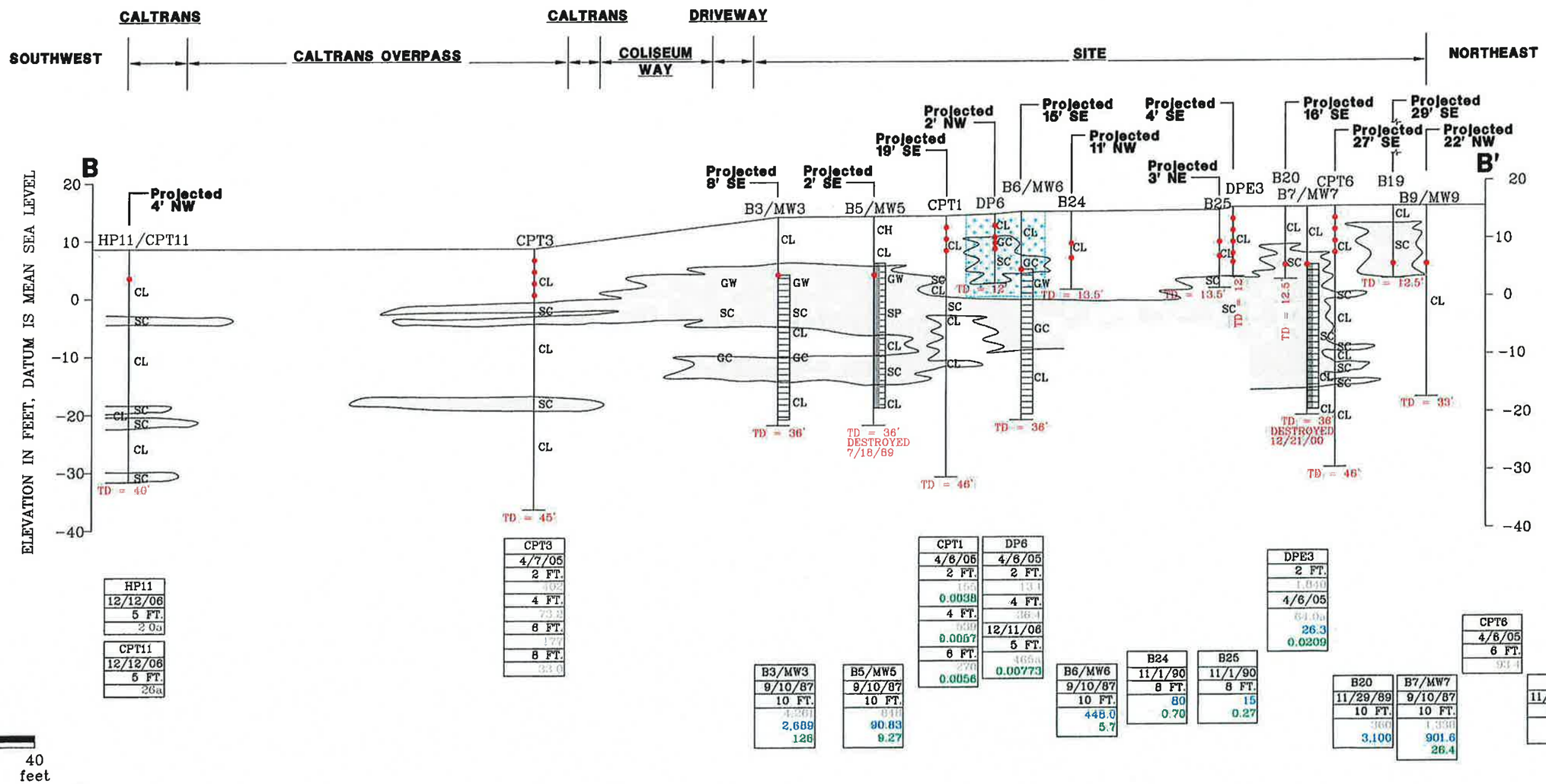
9/10/87	Sample Date
10 FT.	Sample Depth
4,260	Total Petroleum Hydrocarbons as diesel
2,689	Total Petroleum Hydrocarbons as gasoline
126	Benzene

FT. Feet

< Less Than the Stated Laboratory Reporting Limit

mg/kg Milligrams per kilogram

a TPHd result is not consistent with diesel fuel.



HP11	
12/12/06	
5 FT.	
2.0a	

CPT11	
12/12/06	
5 FT.	
26a	

CPT3	
4/7/05	
2 FT.	
162	
4 FT.	
73.8	
6 FT.	
177	
8 FT.	
33.0	

B3/MW3	
9/10/87	
10 FT.	
4,260	
2,689	
126	

B5/MW5	
9/10/87	
10 FT.	
848	
90.83	
9.27	

CPT1	
4/6/05	
2 FT.	
163	
0.0038	
4 FT.	
530	
0.0057	
6 FT.	
270	
0.0056	

DP6	
4/6/05	
2 FT.	
13.1	
4 FT.	
36.4	
12/11/06	
5 FT.	
465a	
0.00773	

B6/MW6	
9/10/87	
10 FT.	
448.0	
5.7	

B24	
11/1/90	
8 FT.	
80	
0.70	

B25	
11/1/90	
8 FT.	
15	
0.27	

DPE3	
2 FT.	
1,840	
4/6/05	
64.9a	
26.3	
0.0209	

B20	
11/29/89	
10 FT.	
360	
3,100	

B7/MW7	
9/10/87	
10 FT.	
1,330	
901.6	
26.4	

CPT6	
4/6/05	
6 FT.	
93.1	

B19	
11/29/89	
10 FT.	
21	
21	

FN 2010 07 R28 XS B-B' Soil

ERI ENVIRONMENTAL RESOLUTIONS, INC.

CROSS SECTION B-B'
VERTICAL LIMITS OF RESIDUAL HYDROCARBONS IN SOIL
FORMER
EXXON SERVICE STATION 7-3006
720 High Street
Oakland, California

EXPLANATION

Coarse-grained sediments (including SC, SM, and GC. Also includes select layers, desingated silt on the CPT logs, interpreted to be coarser water-bearing sidiments based on the presence of groundwater and stratigrafic correlation with sand layers in the DP borings.)

Fine-grained sediments (Including, CL, CH, and ML.)

Former UST Basin

TD = Total Depth

● Sample Depth

PROJECT NO. 2010

PLATE 7

Analyte Concenterations in mg/kg

12/15/06	Sample Date
9.5 FT.	Sample Depth
2,000a	Total Petroleum Hydrocarbons as diesel
61	Total Petroleum Hydrocarbons as gasoline
---	Benzene

FT. Feet

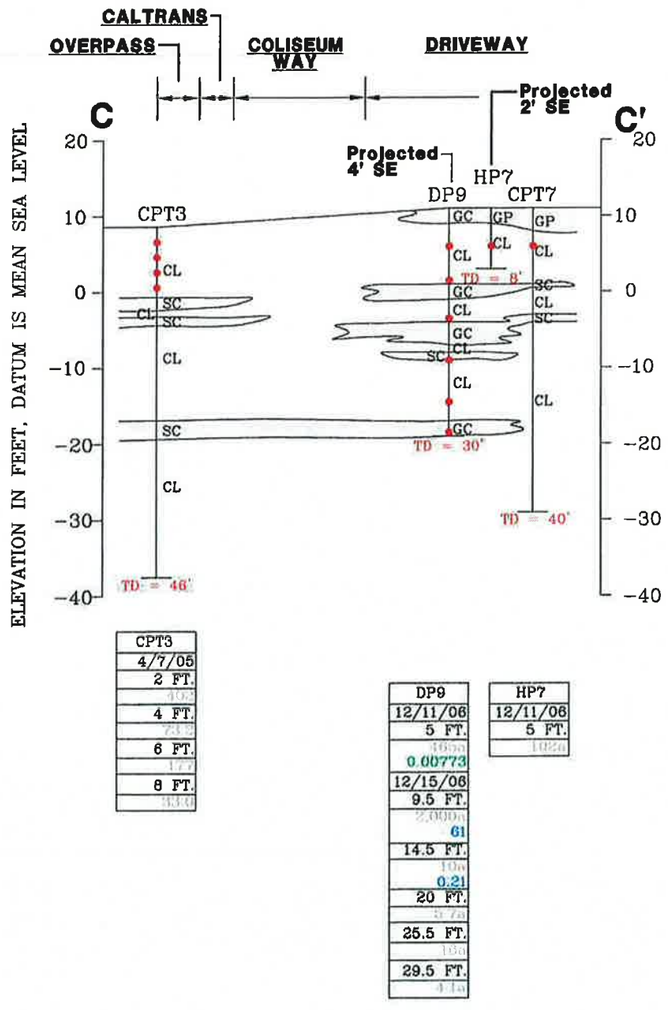
< Less Than the Stated Laboratory Reporting Limit

mg/kg Milligrams per kilogram

a TPHd result is not consistent with diesel fuel.

WEST-SOUTHWEST

EAST-NORTHEAST



CPT3
4/7/05
2 FT.
4 FT.
6 FT.
8 FT.

DP9
12/11/06
5 FT.
0.00773
12/15/06
9.5 FT.
61
14.5 FT.
0.21
20 FT.
25.5 FT.
29.5 FT.

HP7
12/11/06
5 FT.

20

0 40 feet

Vertical Exaggeration x2

FN 2010 07 R28 XS C-C' SOIL

ERI ENVIRONMENTAL RESOLUTIONS, INC.

CROSS SECTION C-C'
VERTICAL LIMITS OF RESIDUAL HYDROCARBONS IN SOIL

FORMER
EXXON SERVICE STATION 7-3006
720 High Street
Oakland, California

EXPLANATION

Coarse-grained sediments (including SC, SM, and GC. Also includes select layers, desingated silt on the CPT logs, interpreted to be coarser water-bearing sidiments based on the presence of groundwater and stratigrafic correlation with sand layers in the DP borings.)

Fine-grained sediments (including, CL, CH, and ML.)

TD = Total Depth

Sample Depth

PROJECT NO. 2010

PLATE 8

Analyte Concenterations in ug/L

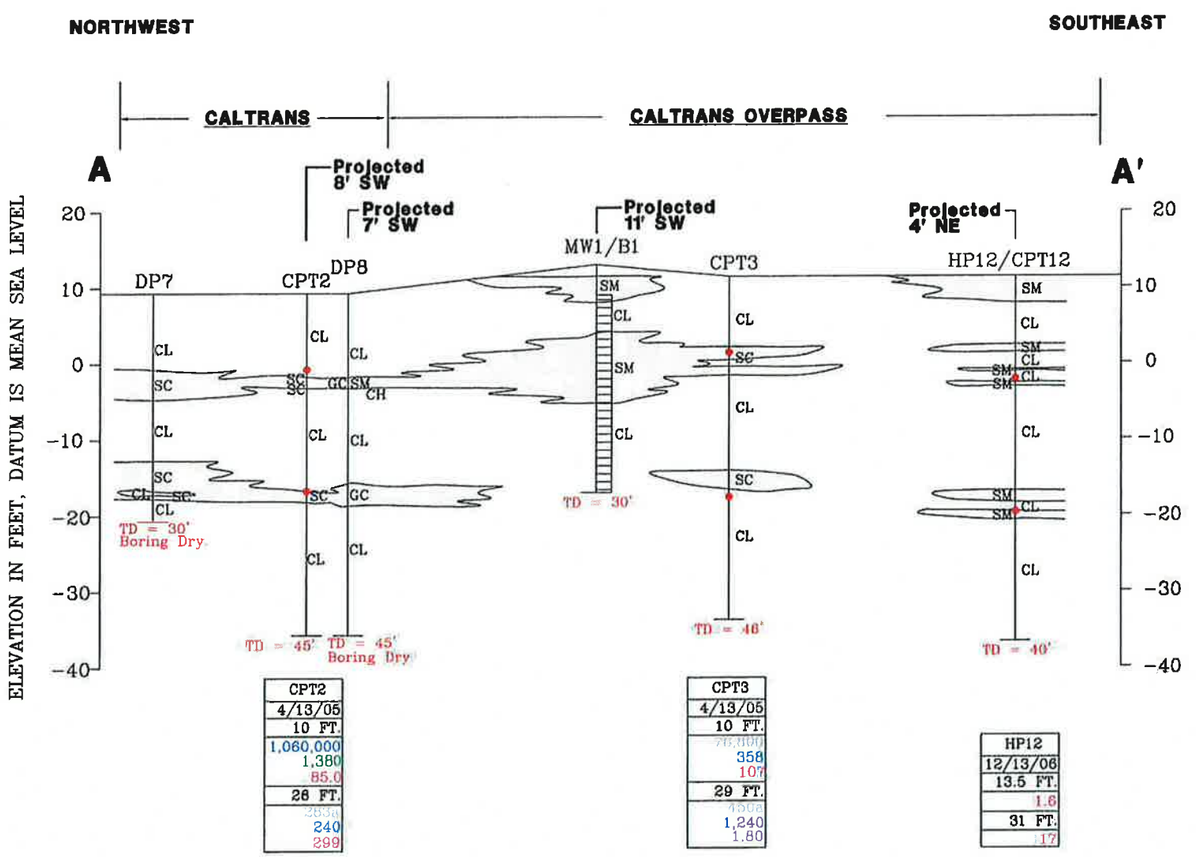
4/13/05	Sample Date
10 FT.	Sample Depth
76,800	Total Petroleum Hydrocarbons as diesel
358	Total Petroleum Hydrocarbons as gasoline
<	Benzene
107	Methyl Tertiary Butyl Ether

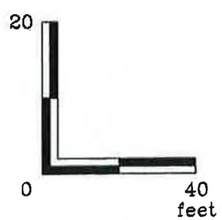
FT. Feet

< Less Than the Stated Laboratory Reporting Limit

ug/L Micrograms per Liter

a TPHd result is not consistent with diesel fuel.





Vertical Exaggeration x2

FN 2010 07 R28 XS A-A' GW

ERI ENVIRONMENTAL RESOURCES, INC.

CROSS SECTION A-A'
VERTICAL LIMITS OF DISSOLVED HYDROCARBONS IN GROUNDWATER

FORMER
EXXON SERVICE STATION 7-3006
720 High Street
Oakland, California

EXPLANATION

Coarse-grained sediments (including SC, SM, and GC. Also includes select layers, desingated silt on the CPT logs, interpreted to be coarser water-bearing sidiments based on the presence of groundwater and stratigrafic correlation with sand layers in the DP borings.)

Fine-grained sediments (including, CL, CH, and ML.)

TD = Total Depth

• Sample Depth

PROJECT NO. 2010

PLATE 9

Analyte Concenterations in ug/L

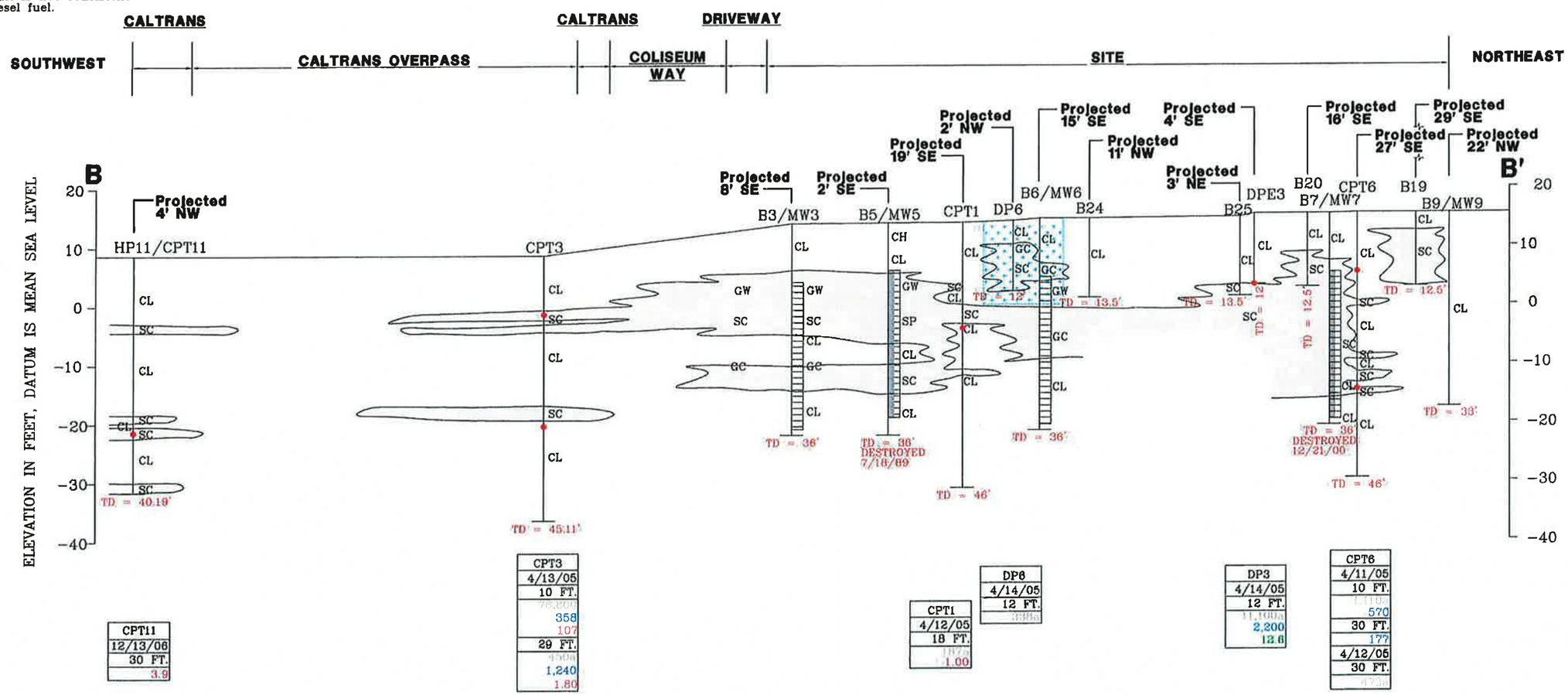
4/13/05	Sample Date
10 FT.	Sample Depth
75,800	Total Petroleum Hydrocarbons as diesel
358	Total Petroleum Hydrocarbons as gasoline
<	Benzene
107	Methyl Tertiary Butyl Ether

FT. Feet

< Less Than the Stated Laboratory Reporting Limit

ug/L Micrograms per Liter

a TPHd result is not consistent with diesel fuel.



Vertical Exaggeration x2

FN 2010 07 R28 XS B-B' GW

ERI ENVIRONMENTAL RESOLUTIONS, INC.

CROSS SECTION B-B'
VERTICAL LIMITS OF DISSOLVED HYDROCARBONS IN GROUNDWATER
FORMER
EXXON SERVICE STATION 7-3006
720 High Street
Oakland, California

EXPLANATION

Coarse-grained sediments (Including SC, SM, and GC. Also includes select layers, desingated silt on the CPT logs, interpreted to be coarser water-bearing sidiments based on the presence of groundwater and stratigrafic correlation with sand layers in the DP borings.)

Fine-grained sediments (Including, CL, CH, and ML.)

Former UST Basin

TD = Total Depth

• Sample Depth

PROJECT NO. 2010

PLATE 10

Analyte Concenterations in ug/L

4/13/05	Sample Date
10 FT.	Sample Depth
358	Total Petroleum Hydrocarbons as gasoline
<	Benzene
107	Methyl Tertiary Butyl Ether

FT. Feet

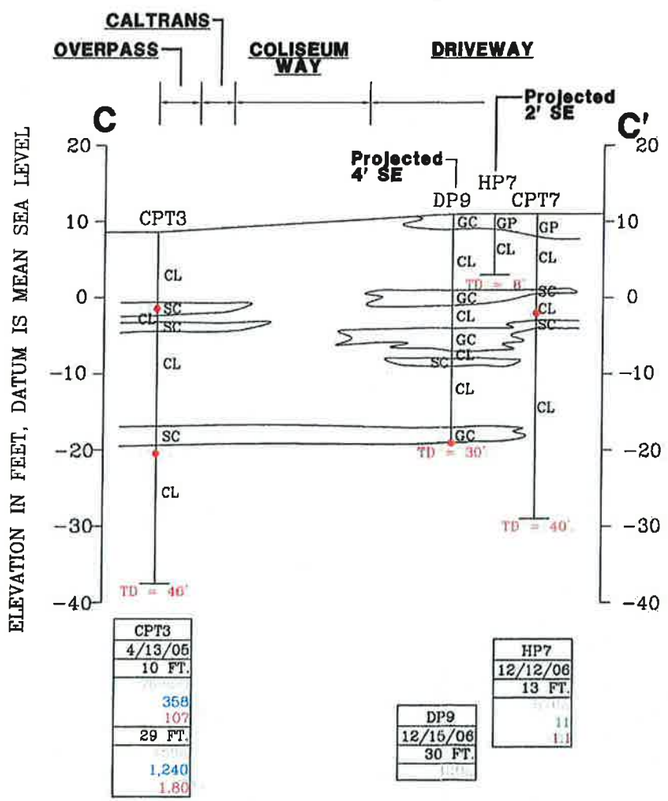
< Less Than the Stated Laboratory Reporting Limit

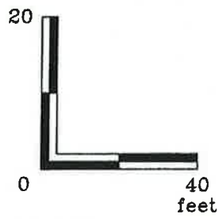
ug/L Micrograms per Liter

a TPHd result is not consistent with diesel fuel.

WEST-SOUTHWEST

EAST-NORTHEAST





Vertical Exaggeration x2

FN 2010 07 R28 XS C-C' GW

ENVIRONMENTAL RESOLUTIONS, INC.

CROSS SECTION C-C'
VERTICAL LIMITS OF DISSOLVED HYDROCARBON IN GROUNDWATER
FORMER
EXXON SERVICE STATION 7-3006
720 High Street
Oakland, California

EXPLANATION

Coarse-grained sediments (including SC, SM, and GC. Also includes select layers, desingated silt on the CPT logs, interpreted to be coarser water-bearing sidiments based on the presence of groundwater and stratigrafic correlation with sand layers in the DP borings.)

Fine-grained sediments (including, CL, CH, and ML.)

TD = Total Depth

• Sample Depth

PROJECT NO. 2010

PLATE 11

APPENDIX

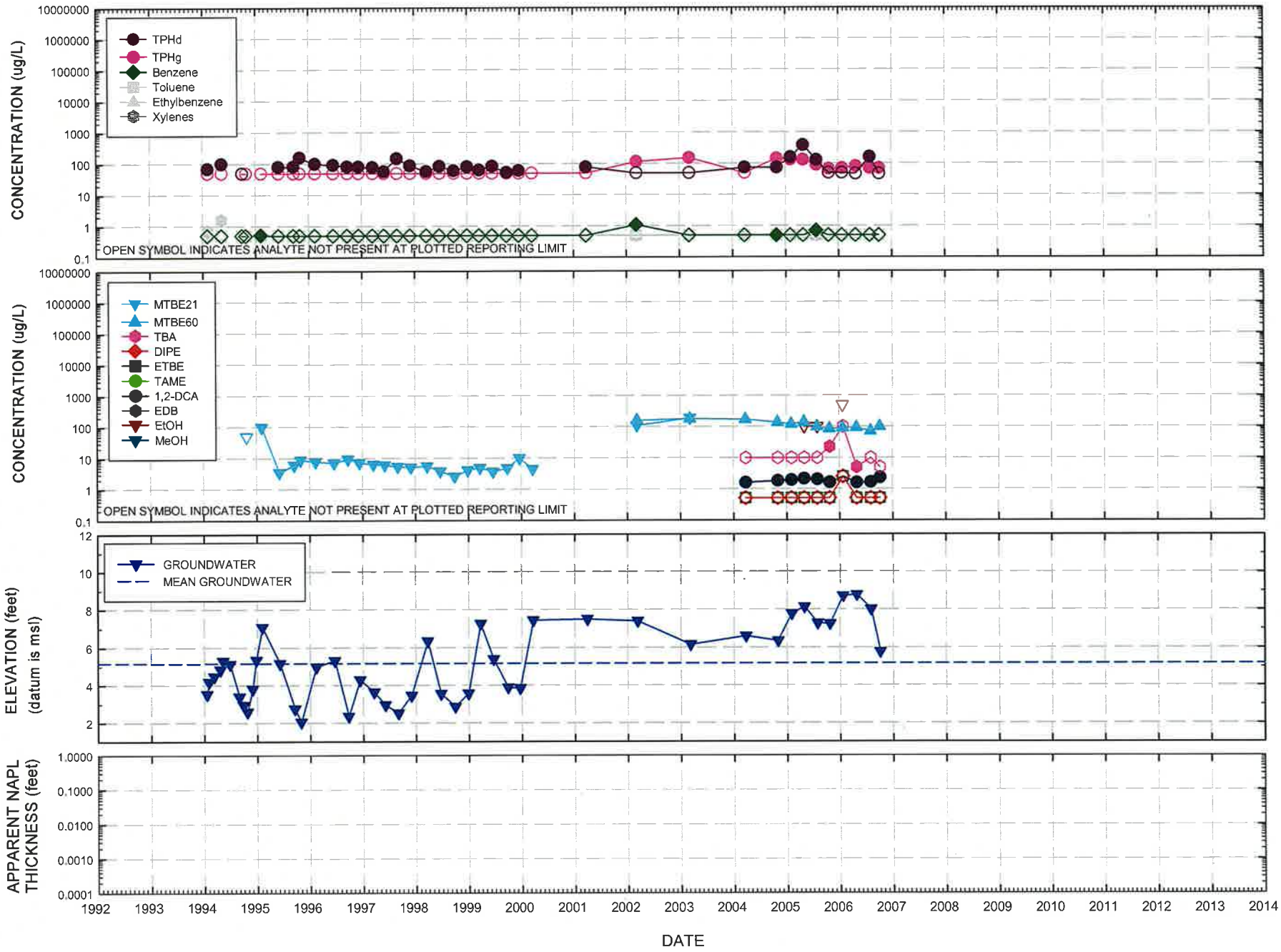
E

HYDROGRAPHS

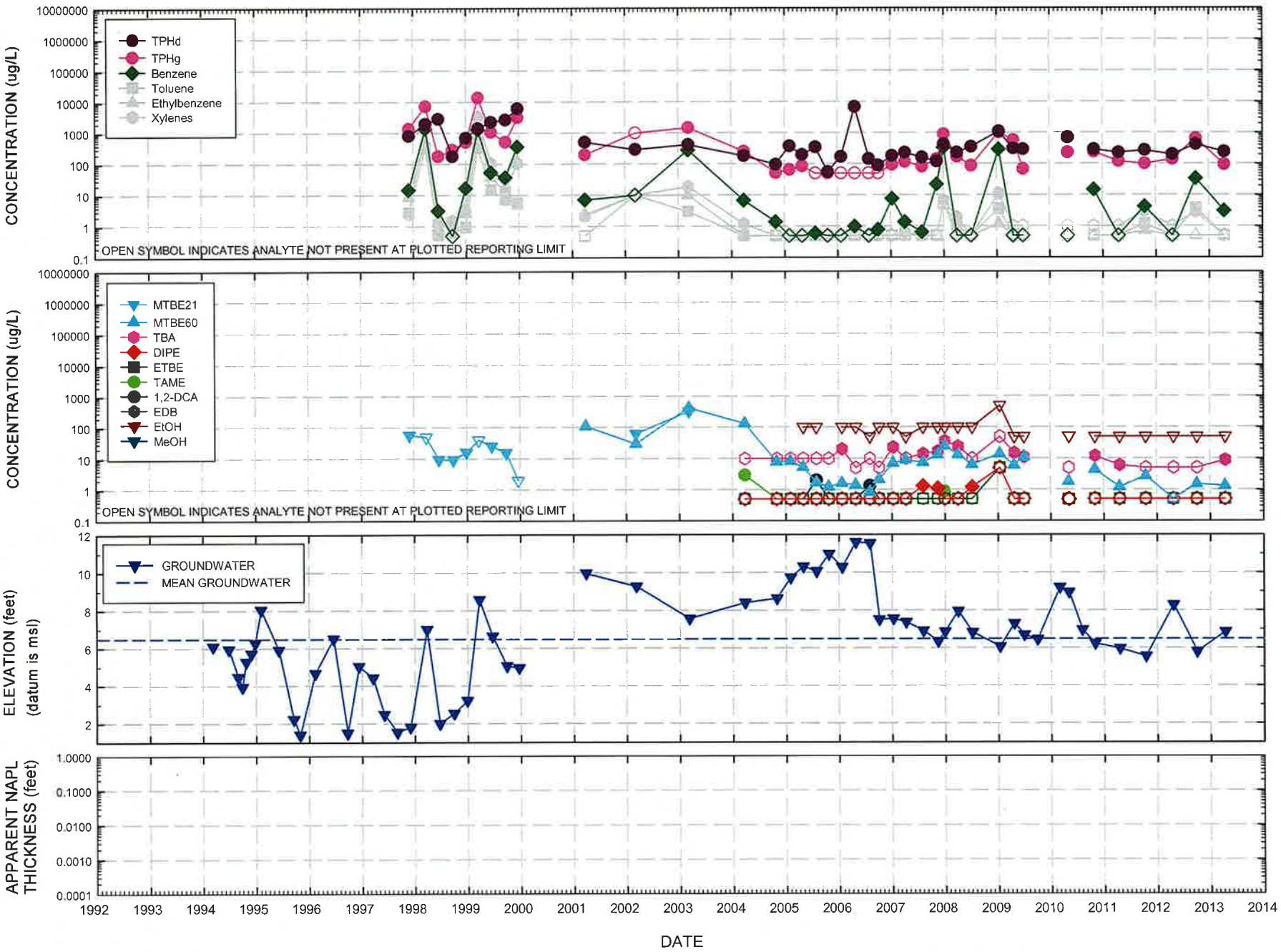
Cardno ERI

Shaping the Future

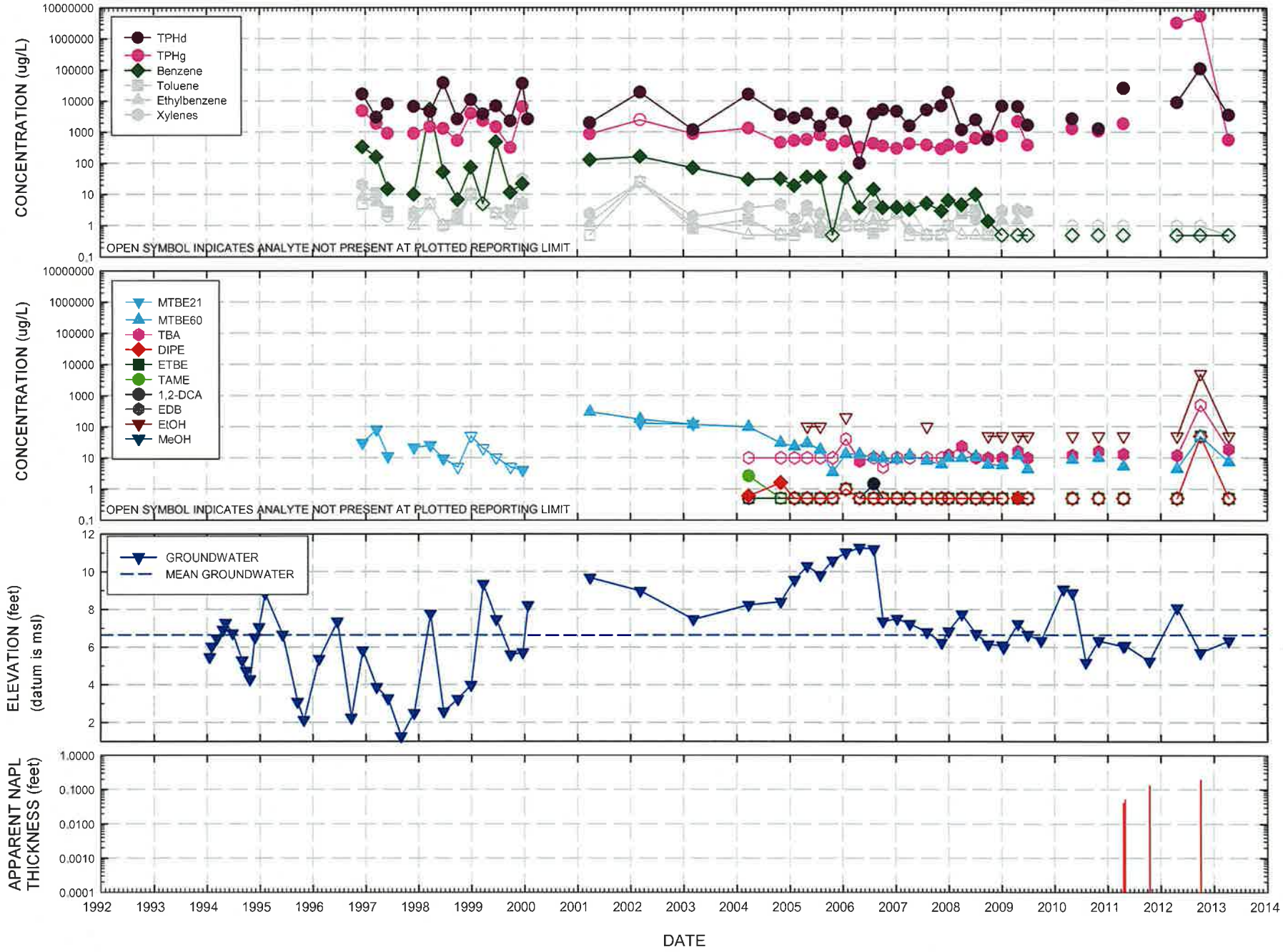
HYDROGRAPH - WELL MW1
FORMER EXXON SERVICE STATION 73006
720 High Street
Oakland, California



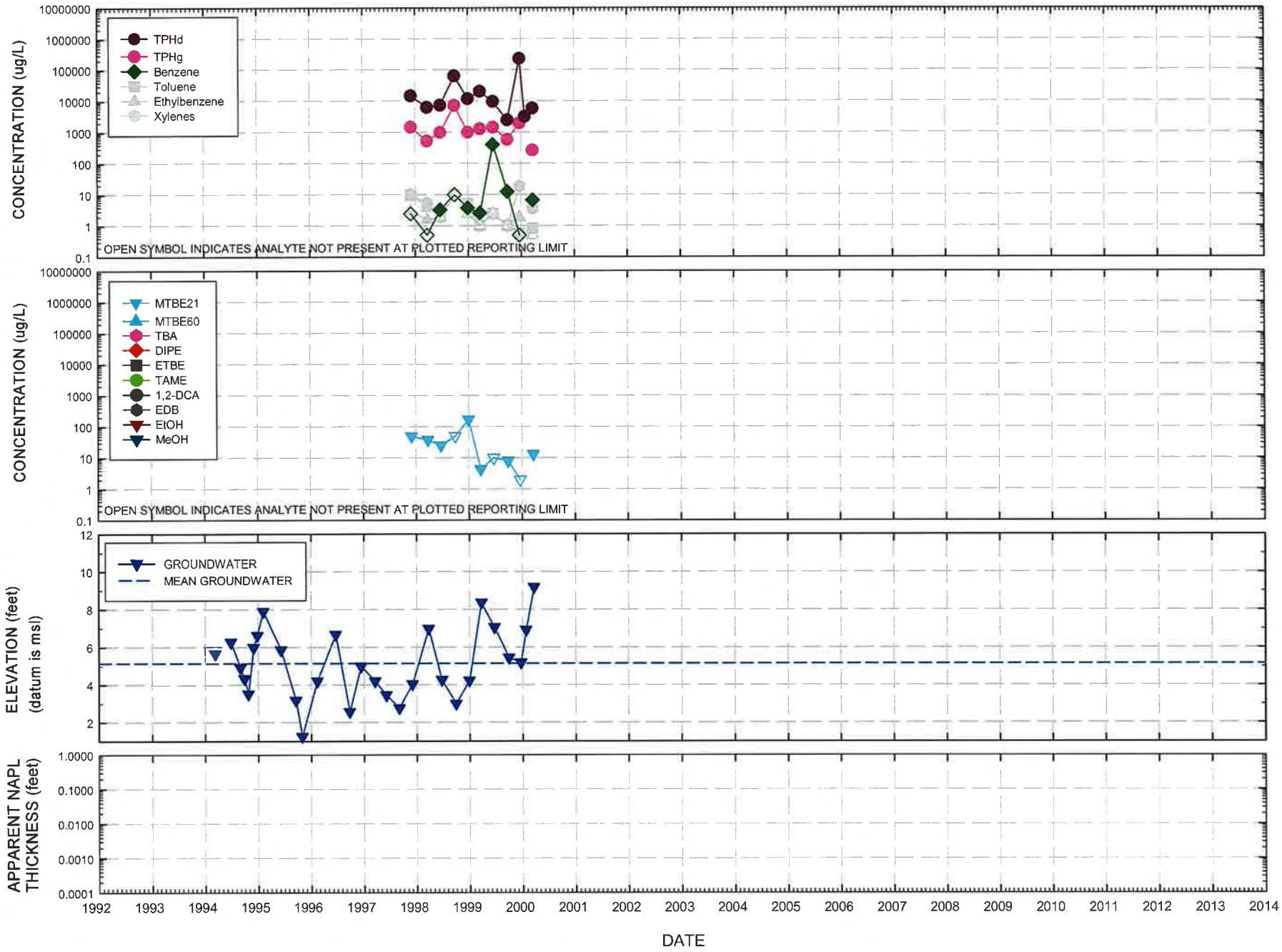
HYDROGRAPH - WELL MW2
FORMER EXXON SERVICE STATION 73006
720 High Street
Oakland, California



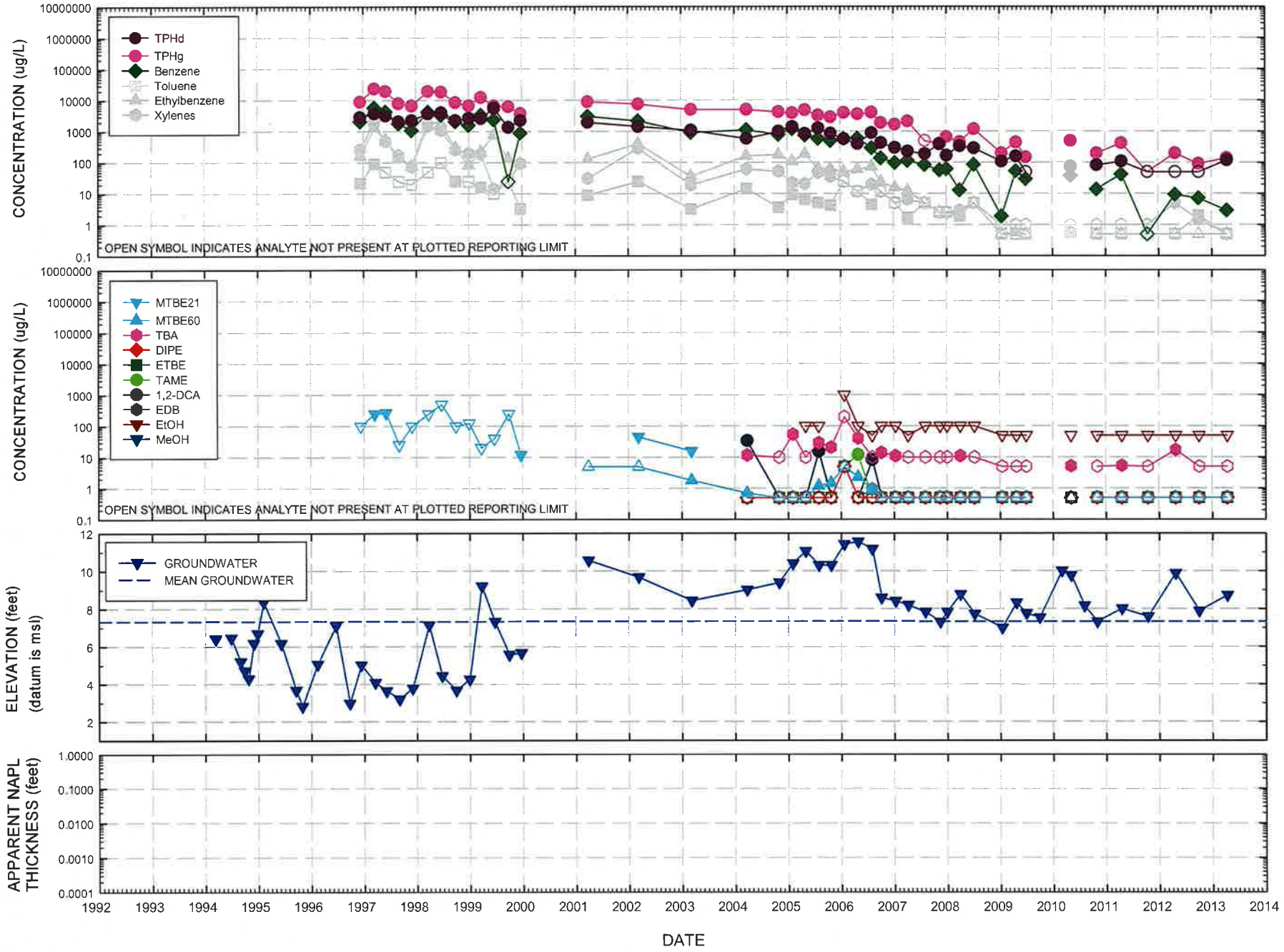
HYDROGRAPH - WELL MW3
FORMER EXXON SERVICE STATION 73006
720 High Street
Oakland, California



HYDROGRAPH - WELL MW4
FORMER EXXON SERVICE STATION 73006
720 High Street
Oakland, California



HYDROGRAPH - WELL MW6
FORMER EXXON SERVICE STATION 73006
720 High Street
Oakland, California



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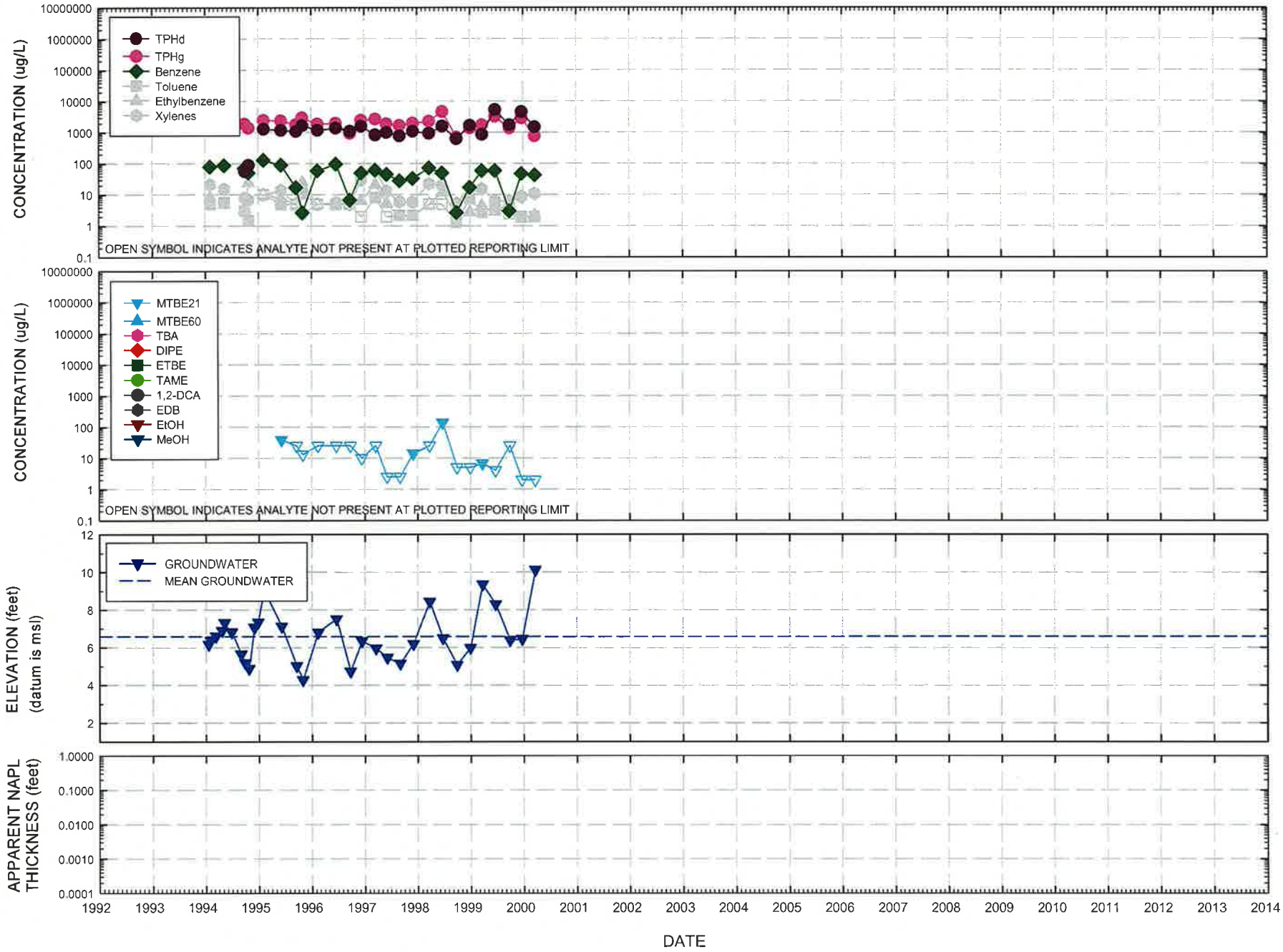
720 High Street
Oakland, California



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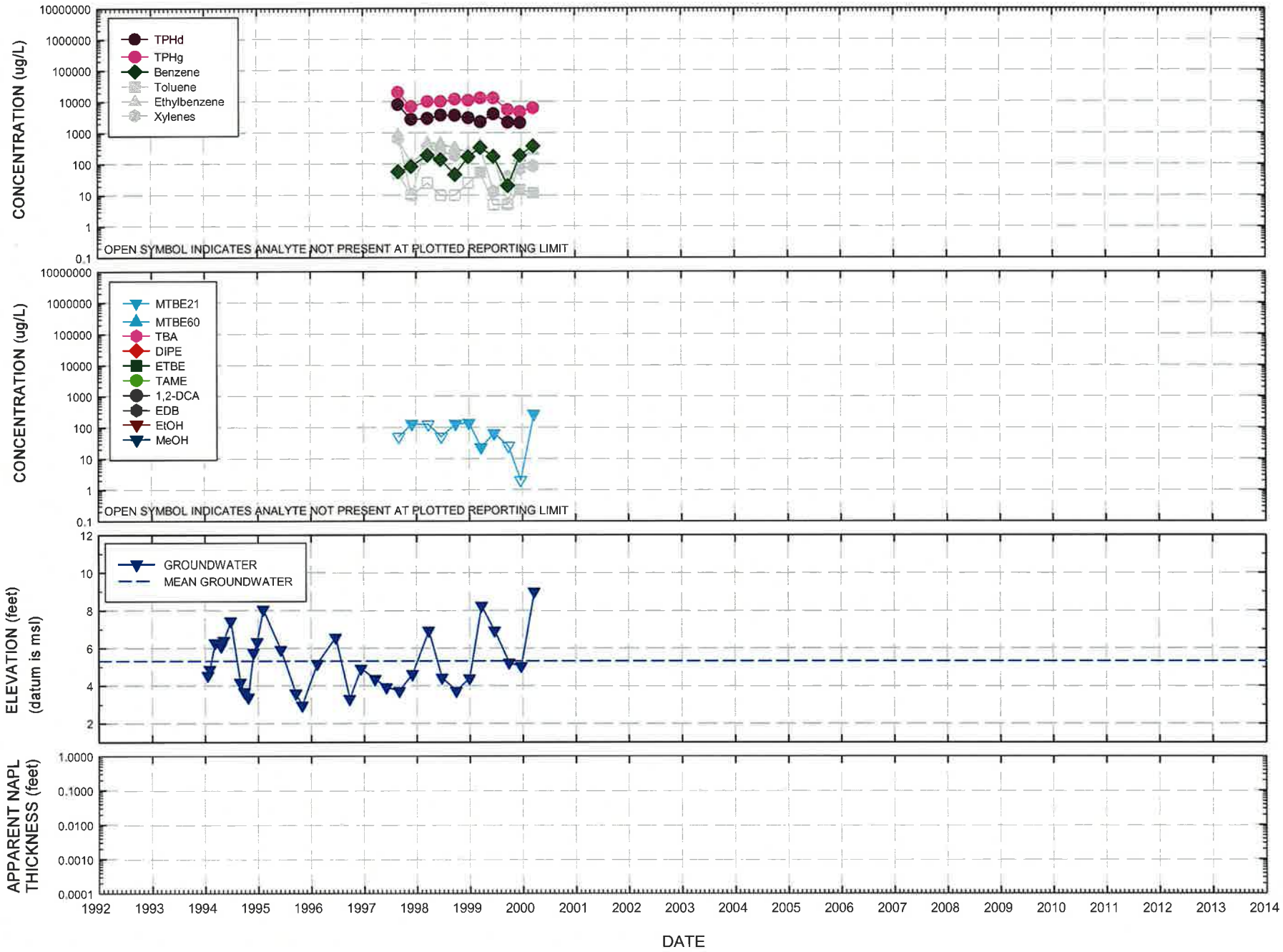
720 High Street
Oakland, California



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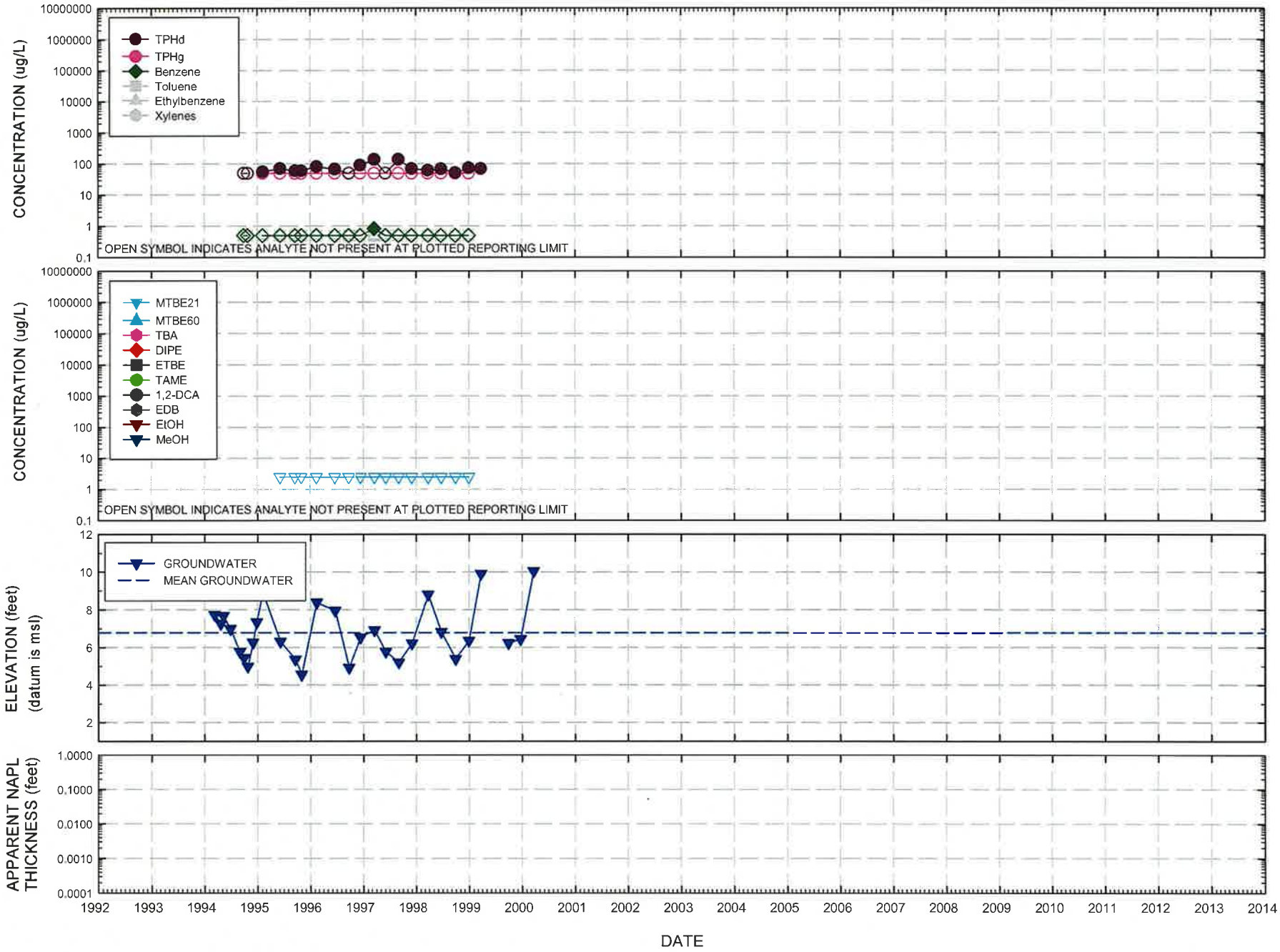
720 High Street
Oakland, California



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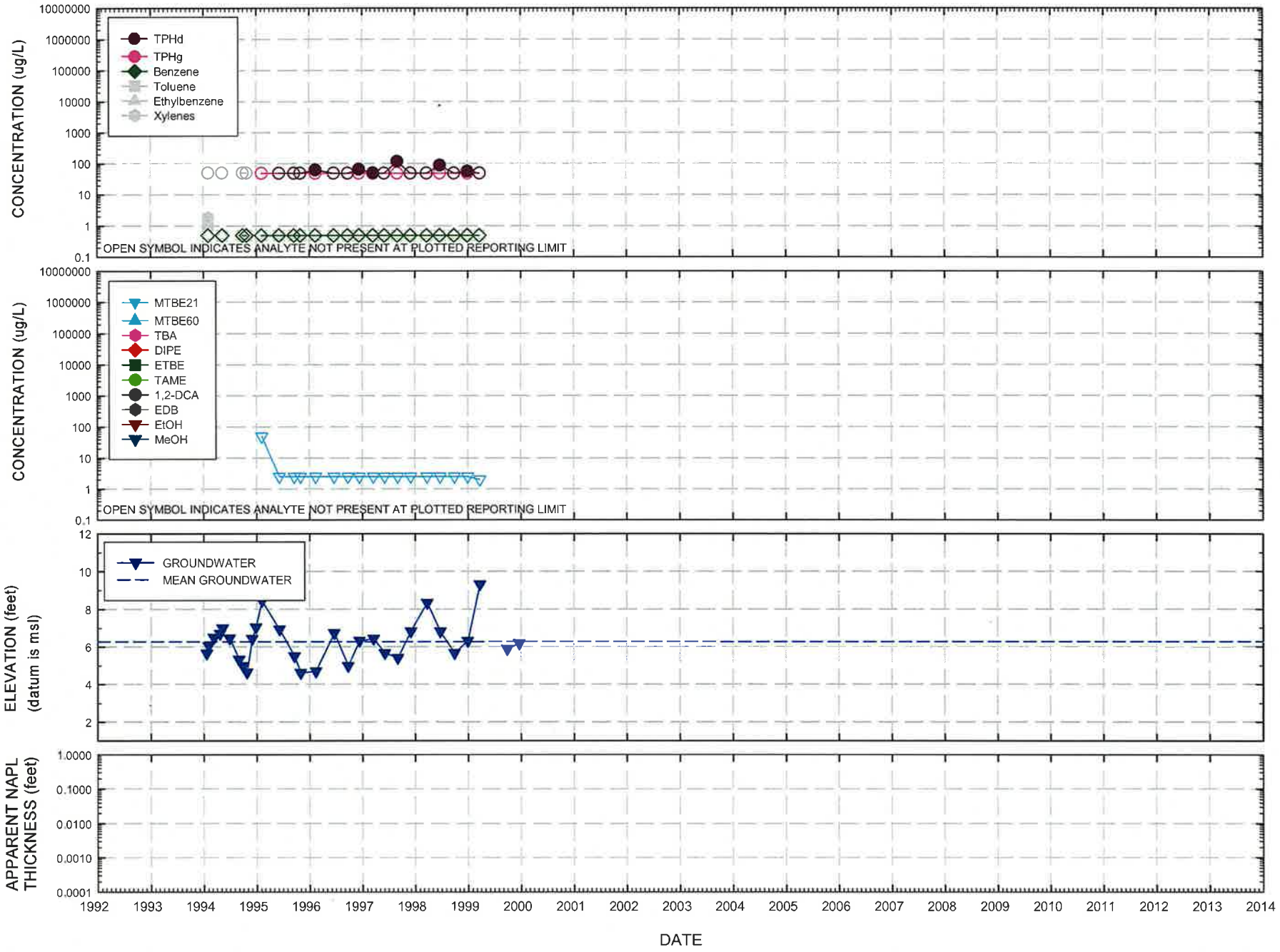
FORMER EXXON SERVICE STATION 73006
720 High Street
Oakland, California



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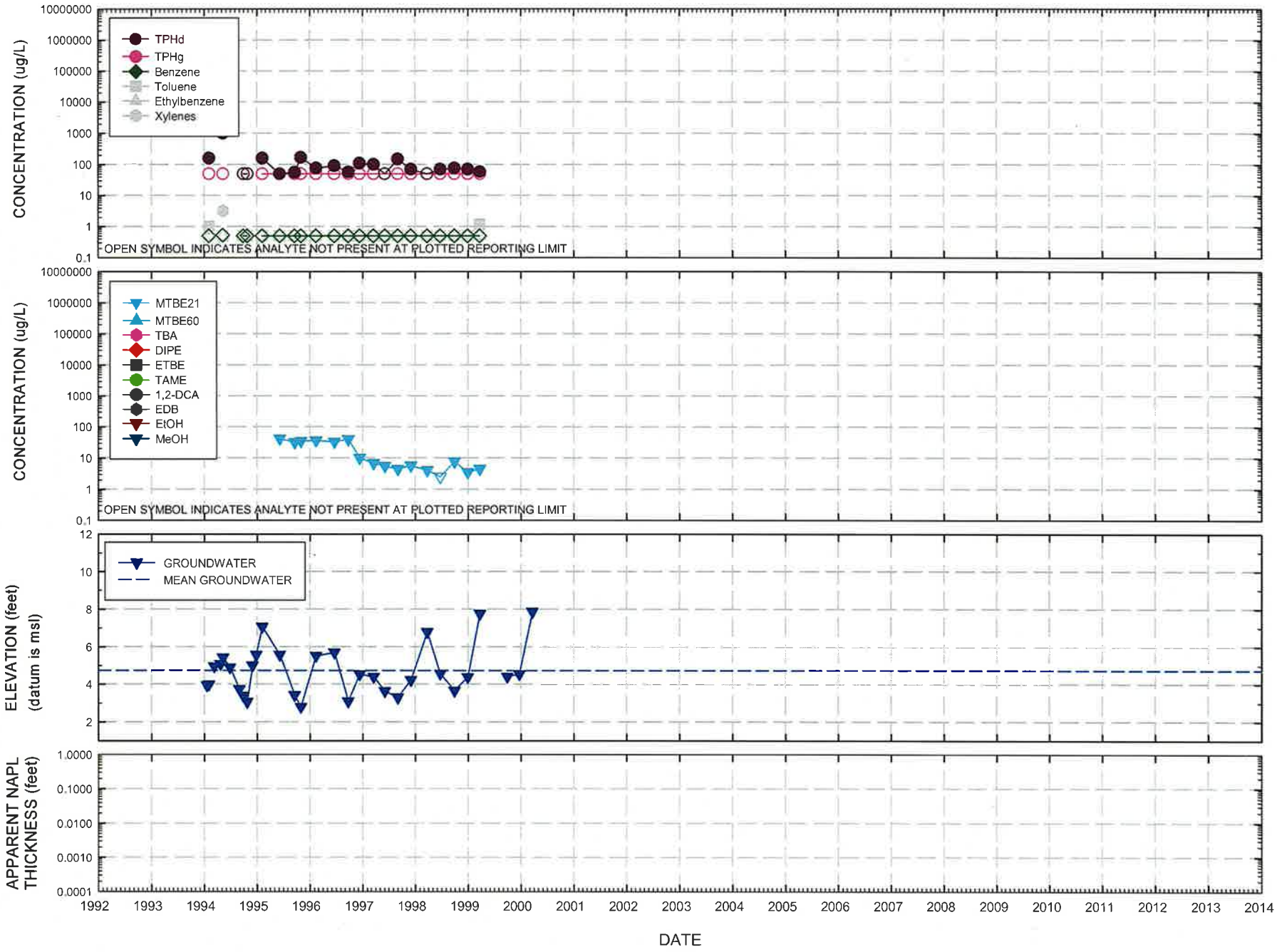
FORMER EXXON SERVICE STATION 73006
720 High Street
Oakland, California



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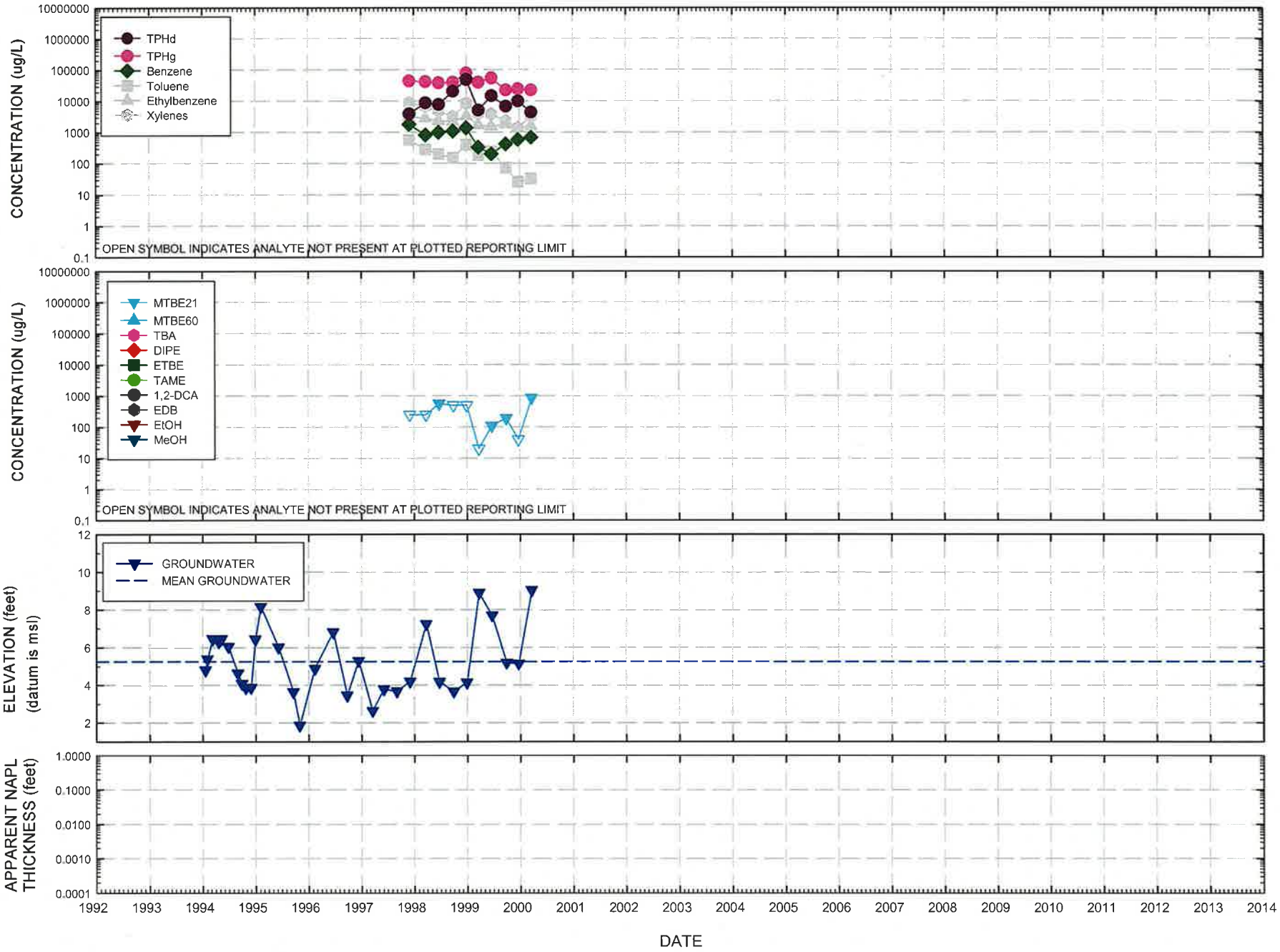
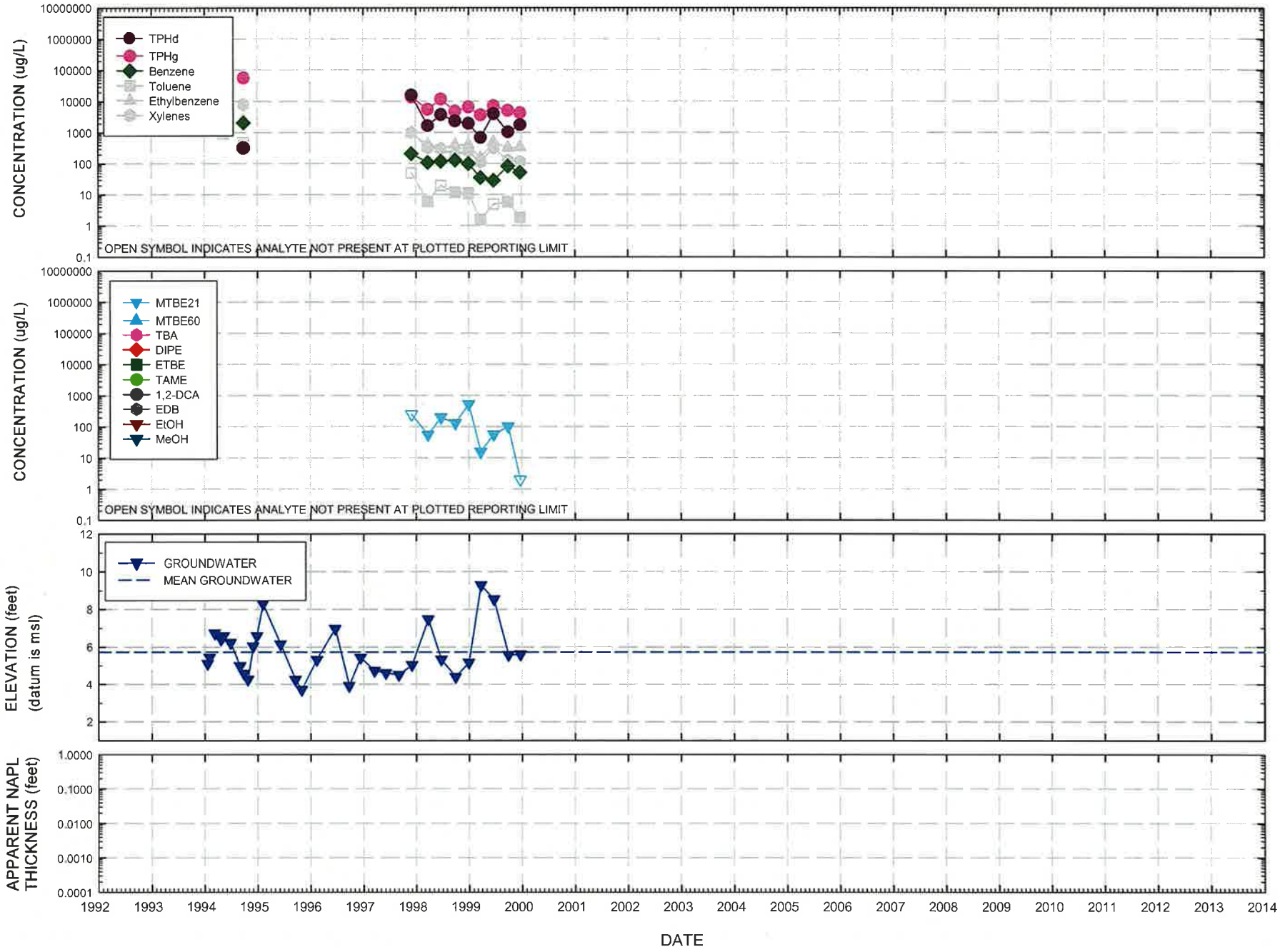
720 High Street
Oakland, California



HYDROGRAPH - WELL MW13
FORMER EXXON SERVICE STATION 73006
720 High Street
Oakland, California



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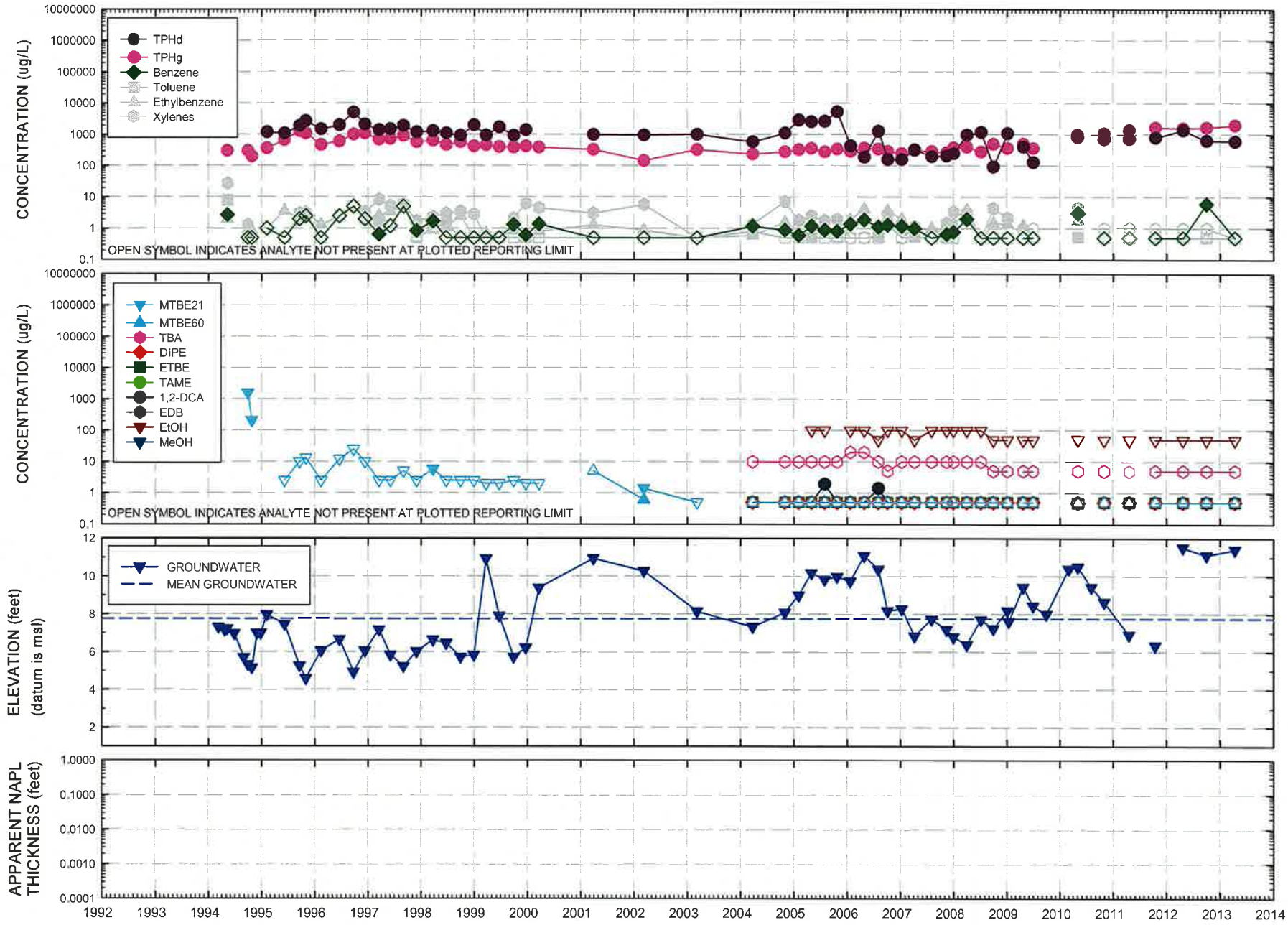
FORMER EXXON SERVICE STATION 73006
720 High Street
Oakland, California



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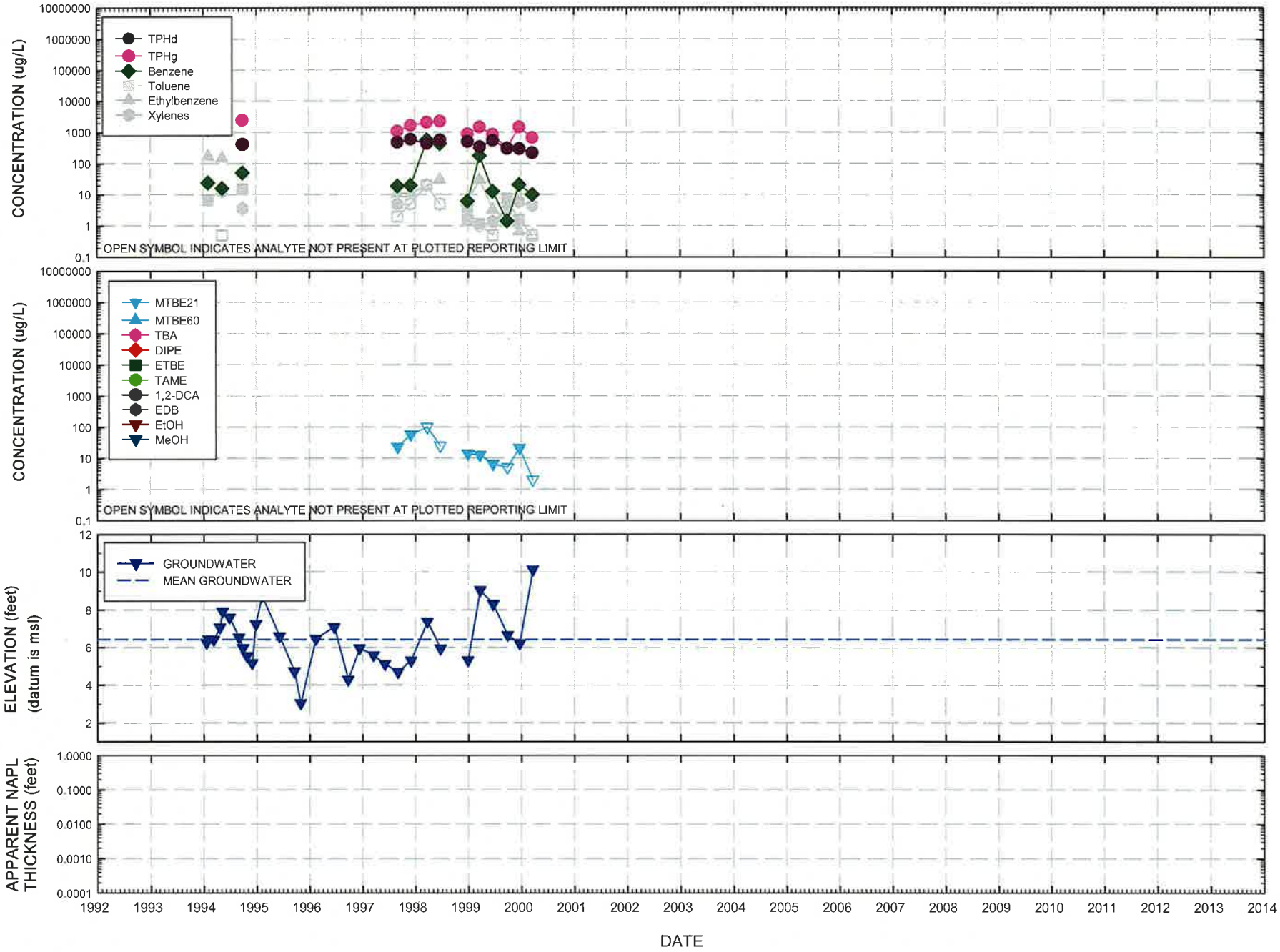
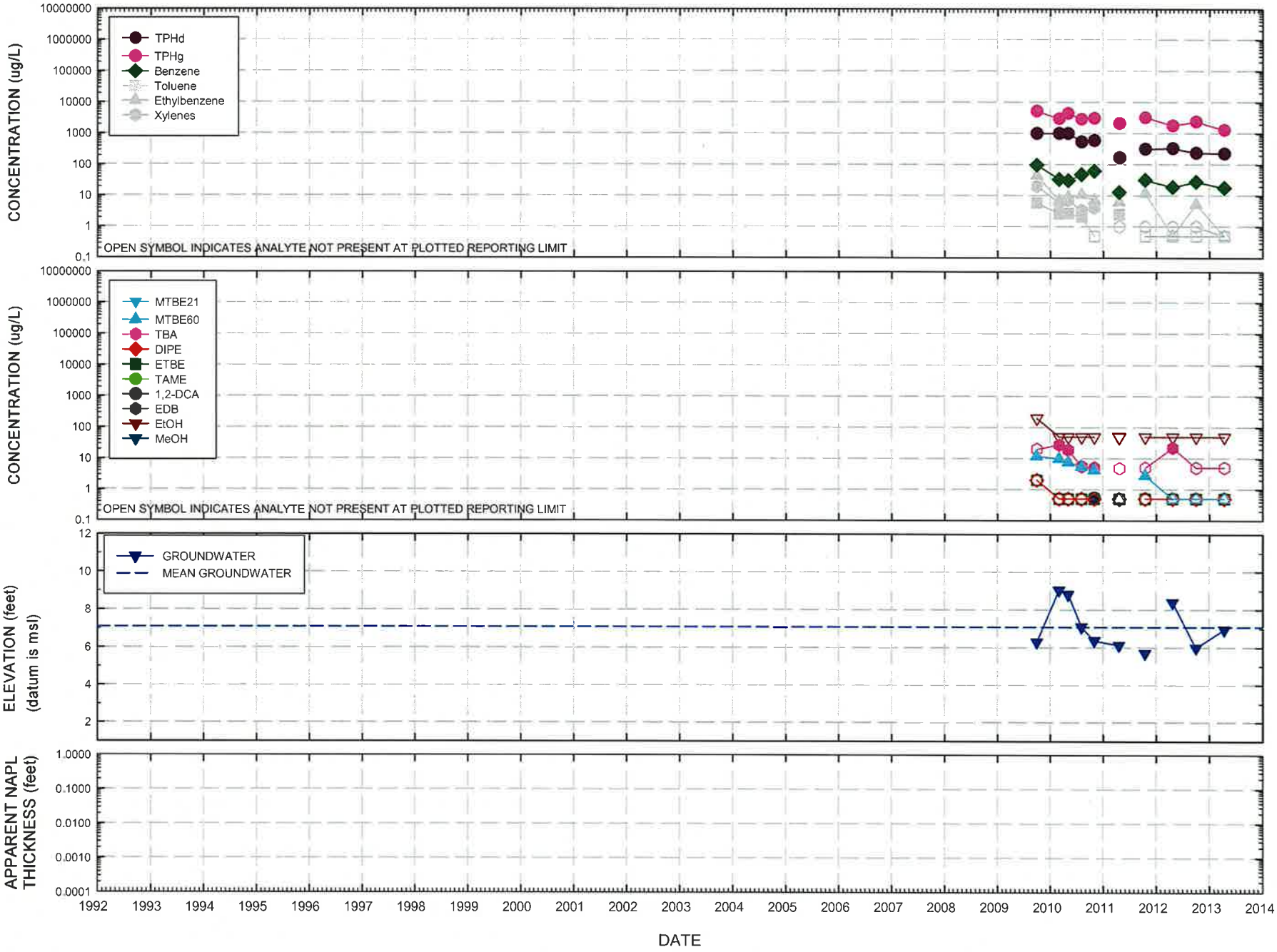
FORMER EXXON SERVICE STATION 73006
720 High Street
Oakland, California



HYDROGRAPH - WELL MW16A
FORMER EXXON SERVICE STATION 73006
720 High Street
Oakland, California



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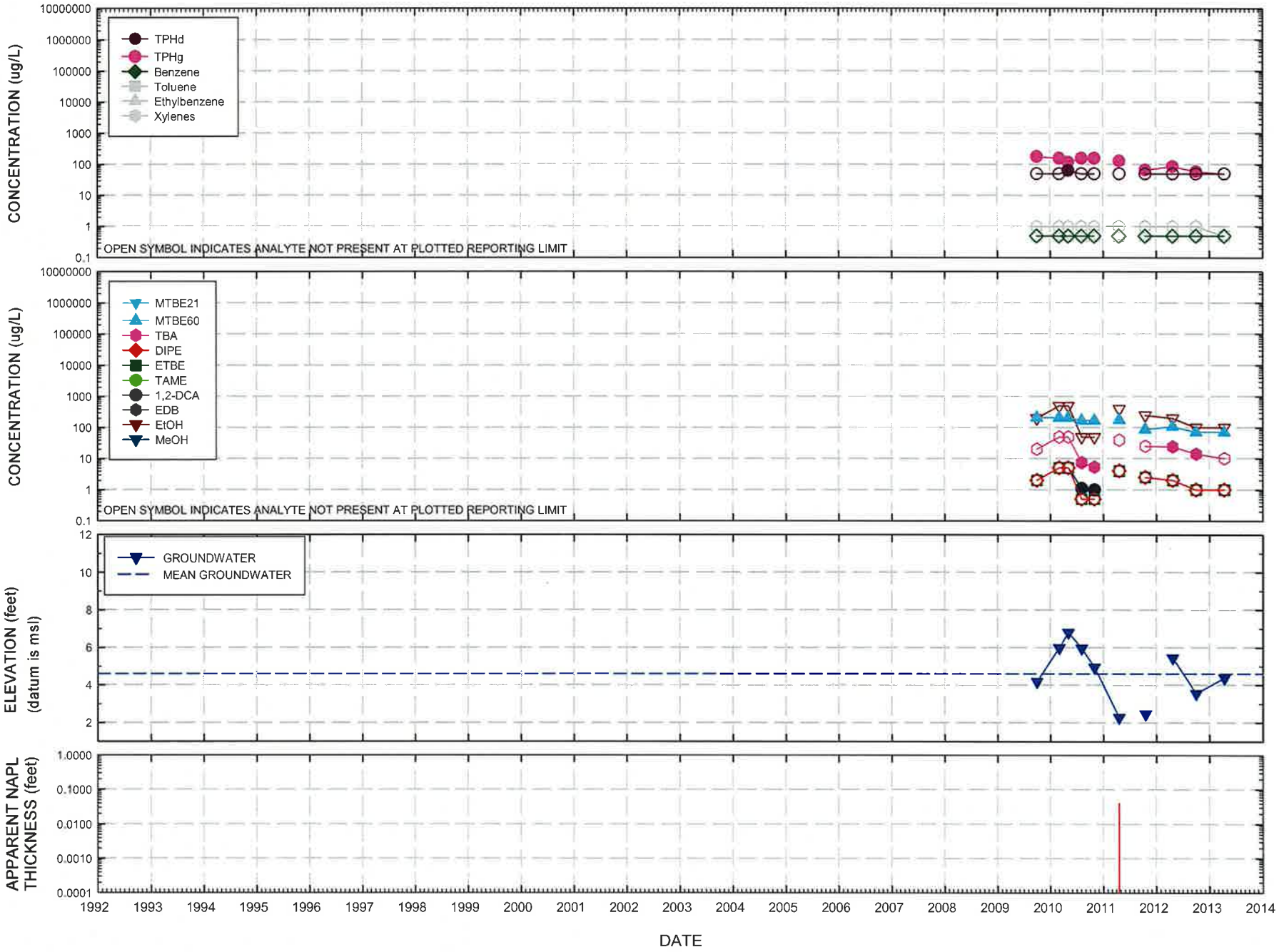
720 High Street
Oakland, California



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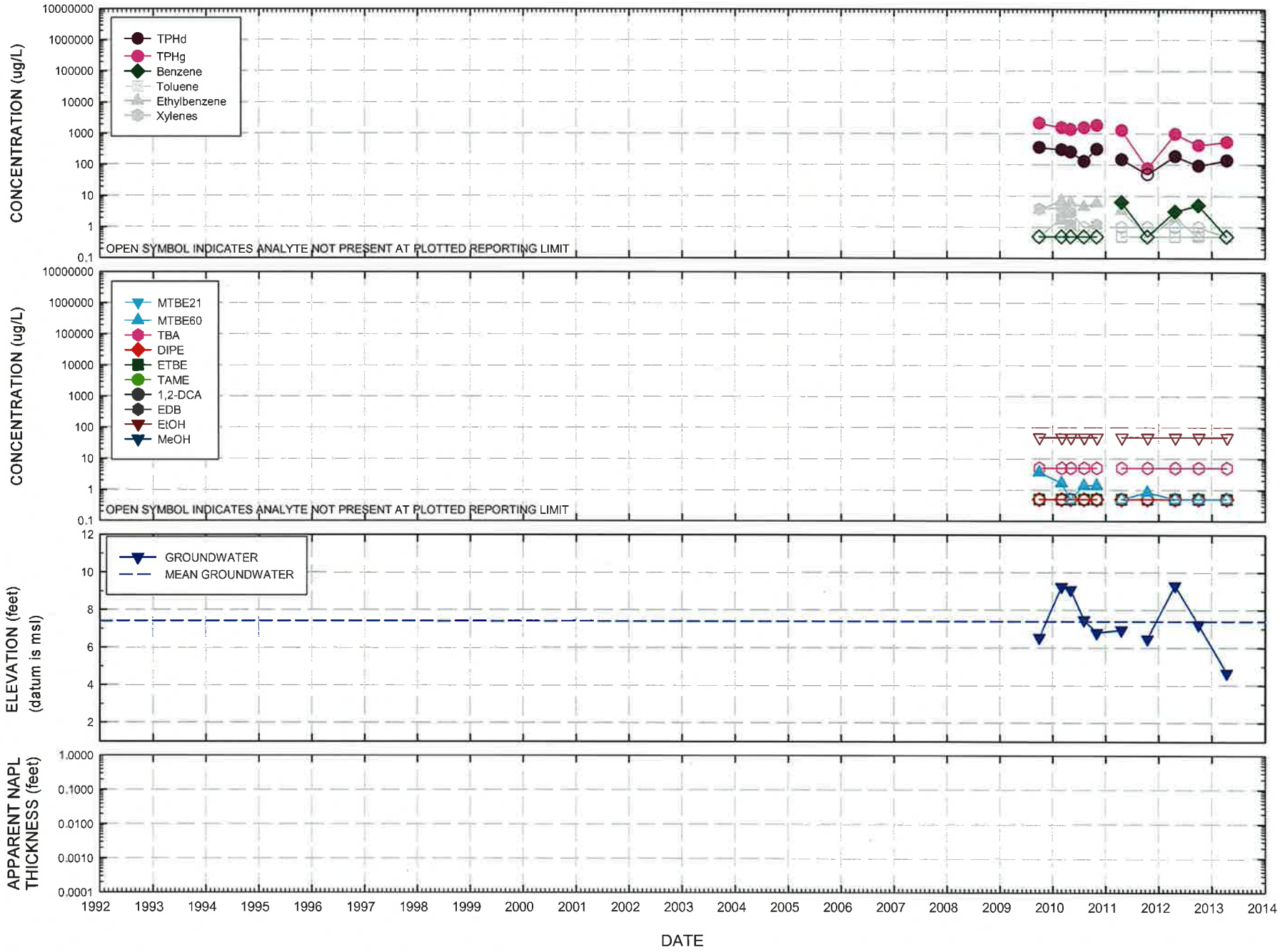
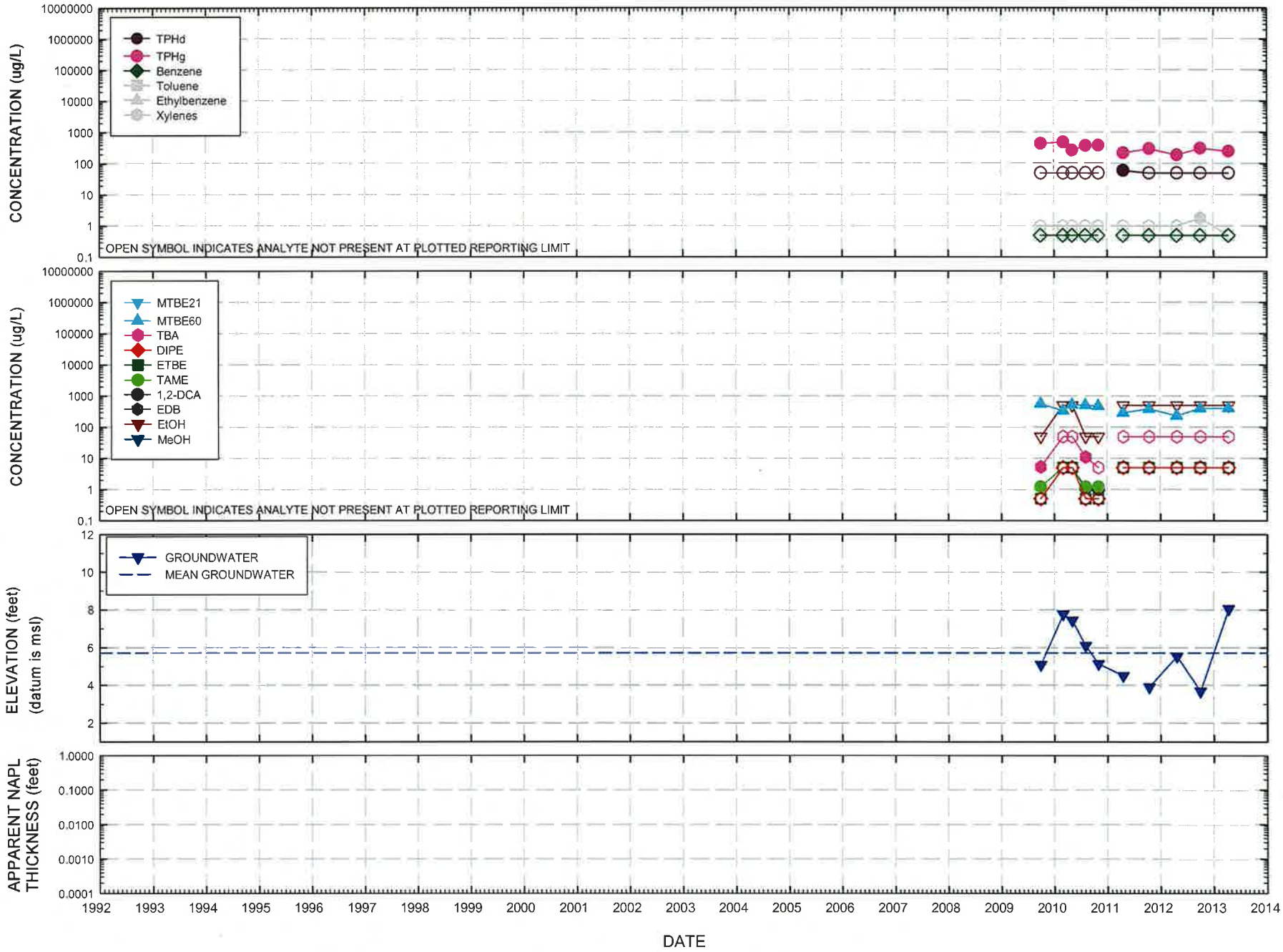
720 High Street
Oakland, California



HYDROGRAPH - WELL MW17B
FORMER EXXON SERVICE STATION 73006
720 High Street
Oakland, California



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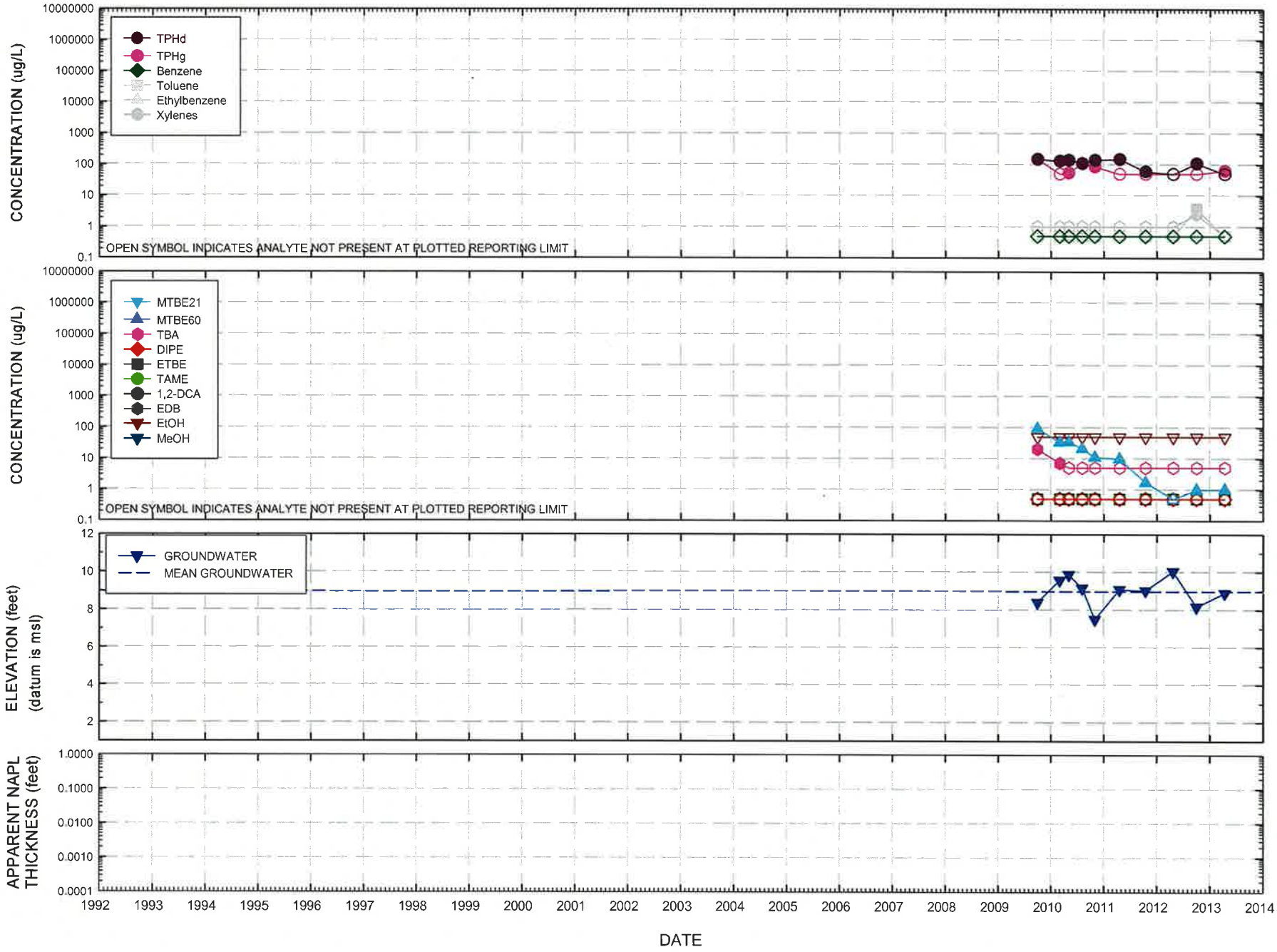
FORMER EXXON SERVICE STATION 73006
720 High Street
Oakland, California



HYDROGRAPH - WELL MW18B
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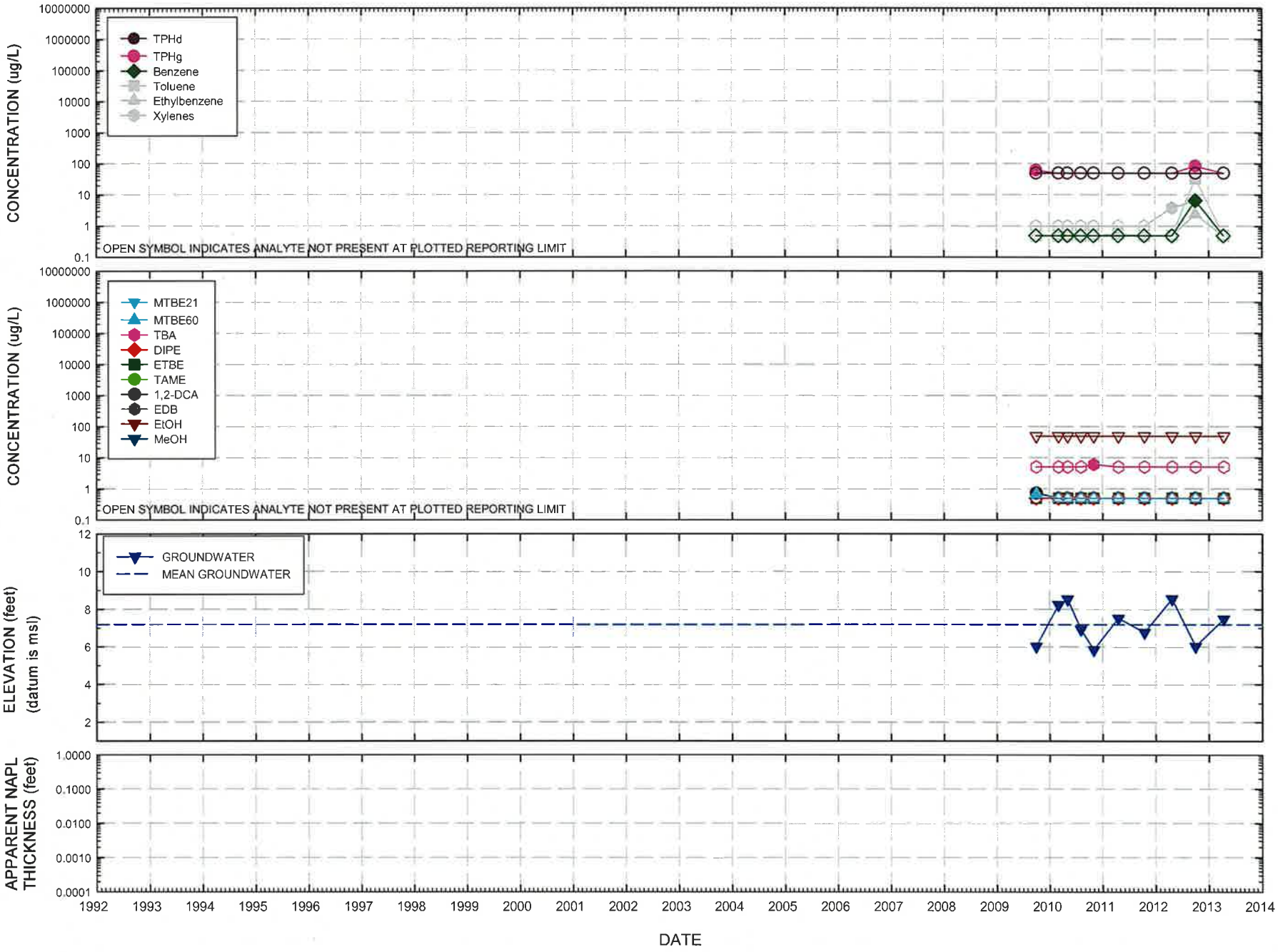
720 High Street
Oakland, California



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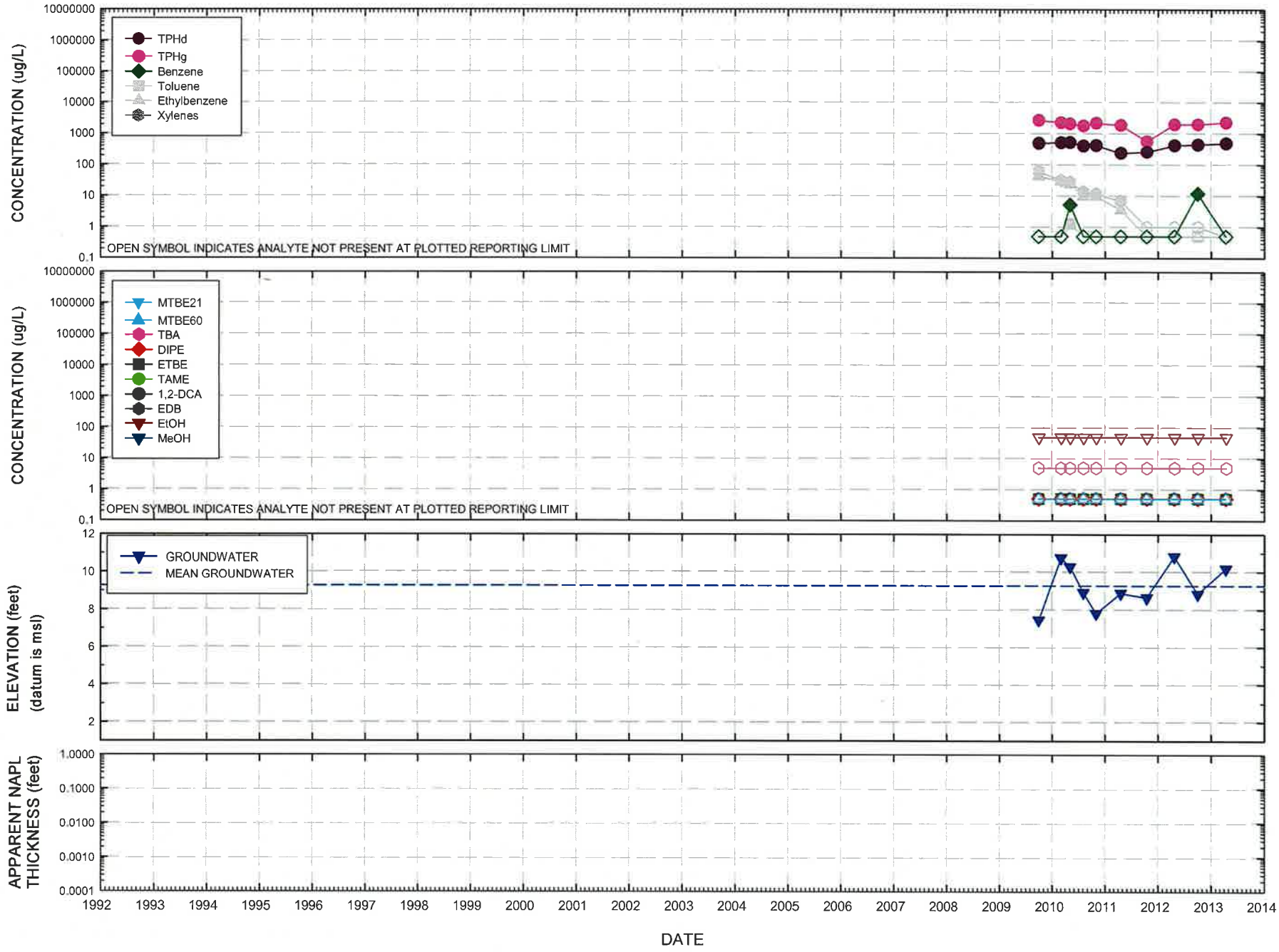
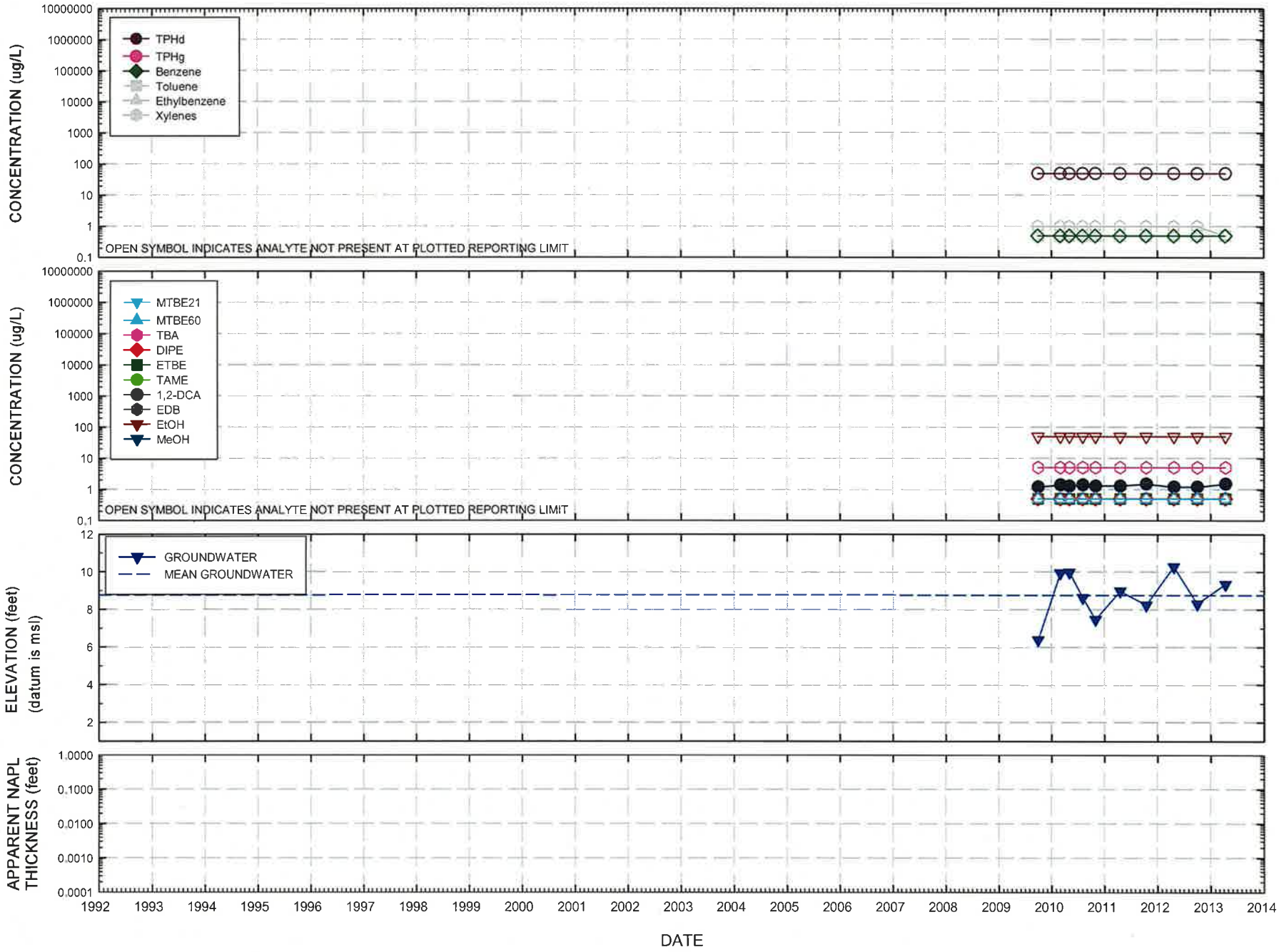
FORMER EXXON SERVICE STATION 73006
720 High Street
Oakland, California



HYDROGRAPH - WELL MW19B
FORMER EXXON SERVICE STATION 73006
720 High Street
Oakland, California



APPENDIX

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REMEDIATION SYSTEM DATA

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Shaping the Future

TABLE 5
CUMULATIVE HYDROCARBON REMOVAL AND EMISSIONS FOR
SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

		Field Measurements					Laboratory Analytical Results		TPHg Removal		Benzene Removal		Benzene
DATE	SAMPLE ID	TEMP F	PRESS in H2O	FLOW cfm	INF ppmv	EFF	TPHg mg/m3	Benzene mg/m3	Per Period Pounds	Cumulative Pounds	Per Period Pounds	Cumulative Pounds	Emitted per Day pounds
01/09/95	A-INF	70		160			210	39					
	A-INT						< 10	< 0.1					
	A-EFF						< 10	< 0.1					
01/10/95	A-INF	70		160			110	22	2.30	2.3	0.438	0.44	
	A-INT						< 10	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0014
01/11/95	A-INF	70		160			70	12	1.29	3.6	0.244	0.68	
	A-INT						< 10	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0014
01/12/95	A-INF	70		160			< 10	< 0.1	< 0.57	4.2	< 0.087	< 0.77	
	A-INT						< 10	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0014
01/13/95	A-INF	70		160			< 10	< 0.1	< 0.14	4.3	< 0.001	< 0.77	
	A-INT						< 10	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0014
01/14/95	A-INF	70		160			< 10	< 0.1	< 0.14	4.5	< 0.001	< 0.77	
	A-INT						< 10	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0014
01/15/95	A-INF	70		158			< 10	< 0.1	< 0.14	4.6	< 0.001	< 0.77	
	A-INT						< 10	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0014
01/16/95	A-INF	70		151			< 10	< 0.1	< 0.14	4.7	< 0.001	< 0.77	
	A-INT						10	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0014
01/17/95	A-INF	70		155			< 10	0.13	< 0.14	4.9	0.002	< 0.78	
	A-INT						< 10	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0014
01/18/95	A-INF	70		155			100	12	0.77	5.6	0.084	< 0.86	
	A-INT						< 10	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0014
01/19/95		70		155	15	0	68		1.17	6.8			
01/20/95		70		155	14.4	0	66		0.93	7.7			
02/01/95	A-INF	70		147			39	3.5	13.19	20.9	1.471	< 2.33	
	A-INT						< 10	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0013
02/14/95		70		147									
02/17/95		70		155	9	0	41		8.67	29.6			
02/27/95		70		151									
03/13/95	A-INF	70		176			< 10	0.42	< 14.21	43.8	1.137	< 3.47	
	A-INT						< 10	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0016
03/31/95		70		116	2.3	0	10		2.01	45.8			
04/04/95		70		84	129	0.8	587		76.68	122.5			
04/12/95	A-INF	70		176			95	6.4	24.88	147.4	1.616	< 5.08	
	A-INT						< 10	0.38					

TABLE 5
CUMULATIVE HYDROCARBON REMOVAL AND EMISSIONS FOR
SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

		Field Measurements					Laboratory Analytical Results		TPHg Removal		Benzene Removal		Benzene
DATE	SAMPLE ID	TEMP F	PRESS in H2O	FLOW cfm	INF ppmv	EFF	TPHg mg/m3	Benzene mg/m3	Per Period Pounds	Cumulative Pounds	Per Period Pounds	Cumulative Pounds	Emitted per Day pounds
	A-EFF						< 10	< 0.1					< 0.0016
04/19/95	A-INF	70		109			210	7.6	13.65	161.0	0.627	< 5.71	
	A-INT						47	12					
	A-EFF						< 10	< 0.1					< 0.0010
04/20/95	Replaced 2 ea x 500 lb canisters = 1000 lbs of Carbon												
04/26/95	A-INF	70		84			400	9.1	18.49	179.5	0.640	< 6.35	
	A-INT						< 10	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0008
05/01/95	Installed third 500 lb canister in series												
05/01/95	A-INF	70		168			Insufficient sample for analyses						
	A-INT						< 10	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0015
05/15/95		70		84									
05/19/95	A-INF	70		105			140	3.5	52.68	232.2	1.229	< 7.58	
	A-INT						< 10	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0009
06/06/95	A-INF	70		178			36	0.22	20.12	252.3	0.535	< 8.11	
	A-INT						< 10	0.1					
	A-EFF						< 10	< 0.1					< 0.0016
06/08/95		70		164									
06/23/95	System Down - hydrocarbon vapor detector shut down												
06/27/95	Replaced one 500 lb carbon canister - restarted system												
06/27/95	A-INF	70		164			440	4.9	62.10	314.4	0.668	< 8.78	
	A-INT						< 10	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0015
07/03/95	A-EFF						< 10	< 0.1					
07/10/95	Replaced one 500 lb carbon canister												
07/10/95	A-INF	70		168			230	2.8	64.89	379.3	0.746	< 9.53	
	A-INT						120	2.8					
	A-EFF						< 10	< 0.1					< 0.0015
07/19/95	Replaced 2 ea x 500 lb canisters = 1000 lbs of Carbon												
07/25/95	Collect samples and shut system down pending results												
07/25/95	A-INF	70		205			67	< 0.5	37.29	416.6	< 0.414	< 9.94	
	A-INT						< 100	< 1					
	A-EFF						< 10	< 0.1					< 0.0018
7/28/95	System down - could not restart												
7/31/95	Restart system												
07/31/95	A-INF	70		164			500	14	18.78	435.4	< 0.480	< 10.42	
	A-INT						12	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0015
08/09/95	Replaced one 500 lb carbon canister												
08/15/95	System down - Remove hydrocarbon vapor detector and send to manufacture for calibration												
09/11/95	Replaced hydrocarbon vapor detector - Restarted system												
09/13/95	System Down - hydrocarbon vapor detector shut down												

TABLE 5
CUMULATIVE HYDROCARBON REMOVAL AND EMISSIONS FOR
SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

		Field Measurements					Laboratory Analytical Results		TPHg Removal		Benzene Removal		Benzene
DATE	SAMPLE ID	TEMP F	PRESS in H2O	FLOW cfm	INF ppmv	EFF	TPHg mg/m3	Benzene mg/m3	Per Period Pounds	Cumulative Pounds	Per Period Pounds	Cumulative Pounds	Emitted per Day pounds
09/18/95	Replaced 2 ea x 500 lb canisters = 1000 lbs of carbon												
09/18/95	A-INF	70		164			980	13	196.08	631.5	3.577	< 14.00	
	A-INT						< 10	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0015
09/20/95	System Down - hydrocarbon vapor detector shut down												
09/25/95	Restarted system												
09/25/95	A-INF	70		164			NA						
	A-INT						NA	< 0.1					
	A-EFF						NA	< 0.1					
10/13/95	Replaced 2 ea x 500 lb canisters = 1000 lbs of carbon												
10/13/95	A-INF	70		168			2000	100	444.04	1,075.5	16.838	< 30.84	
	A-INT						< 10	< 0.05					
	A-EFF						< 10	< 0.05					< 0.0008
10/26/95	Replaced 2 ea x 500 lb canisters = 1000 lbs of carbon												
10/26/95		70		168	165	0	751		269.69	1,345.2			
11/06/95													
11/20/95	Replaced 2 ea x 500 lb canisters = 1000 lbs of carbon												
11/20/95	A-INF1	70		170			180	3.6	176.60	1,521.8	1.038	< 31.88	
	A-INF2						82	2					
	A-INT						< 10	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0015
11/26/95	System down												
12/04/95	Restart system	70		168	18.5	0.5	84		12.03	1,533.8			
12/18/95	A-INF	70		151			4600	50	469.45	2,003.3	10.105	< 41.98	
	A-INT						< 10	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0014
01/02/96		70		147	51.7	8.2	235		485.04	2,488.3			
01/03/96	Shut system down, pending carbon change out												
01/08/96	changed out three carbon beds, ~~#~~ carbon beds in-line												
01/08/96		70		151.2	105.4	0	480		28.72	2,517.0			
01/16/96	A-INF	70		142.8	62.3	0	180	< 0.1	7.50	2,524.5	< 0.000	< 41.98	
	A-EFF							< 0.1					< 0.0013
01/30/96		70		147	50.4	0	230		37.28	2,561.8			
02/14/96	A-INF	72		147	39.7	0	< 10	0.16	< 0.49	2,562.3	0.049	< 42.03	
	A-EFF						< 10	< 0.1					< 0.0013
02/27/96		70		136.5	1	0	5		1.20	2,563.5			
03/12/96	A-INF	70		136.5	2.2	0	< 10	< 0.1	< 1.25	2,564.8	< 0.045	< 42.07	
	A-EFF						< 10	< 0.1					< 0.0012
03/25/96	A-INF	70		147	2.4	0	< 10	< 0.1	< 1.65	2,566.4	< 0.017	< 42.09	
	A-EFF						< 10	< 0.1					< 0.0013
03/25/96	System shutdown to install Thermtech VAC-25 thermal/catalytic oxidizer												
08/05/96	Start-up system utilizing Thermtech VAC-25 thermal/catalytic oxidizer												
08/15/96	A-INF			110			410	4.7					
	A-EFF						< 10	< 0.05					< 0.0005
08/29/96				176	45.8	1.1	194		54.26	2,620.7			

TABLE 5
CUMULATIVE HYDROCARBON REMOVAL AND EMISSIONS FOR
SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

		Field Measurements					Laboratory Analytical Results		TPHg Removal		Benzene Removal		Benzene
DATE	SAMPLE ID	TEMP F	PRESS in H2O	FLOW cfm	INF ppmv	EFF	TPHg mg/m3	Benzene mg/m3	Per Period Pounds	Cumulative Pounds	Per Period Pounds	Cumulative Pounds	Emitted per Day pounds
09/06/96	A-INF			176			150	< 0.1	21.73	2,642.4	< 0.678	< 42.77	
	A-EFF						< 10	< 0.1					< 0.0016
09/09/96				176	96	4.4	406		13.18	2,655.6			
09/24/96				184.8	141	5.1	597		121.82	2,777.4			
10/03/96	A-INF			176			1300	< 1	138.22	2,915.6	< 0.235	< 43.00	
	A-EFF						< 10	< 0.1					< 0.0016
10/09/96				176	173	4.5	732		96.31	3,011.9			
10/14/96				184.8	105	4.4	444		47.63	3,059.6			
10/21/96				176	89.2	4.5	378		46.58	3,106.1			
10/30/96				176	58.3	0.7	247		44.38	3,150.5			
11/06/96	System down, unable to restart due to reset failure												
01/17/97	Replaced Thermalcouple, restarted unit												
01/31/97	A-INF			44			< 10	0.14	0.55	3,151.1	0.008	< 43.01	
	A-EFF						< 10	< 0.05					< 0.0002
02/06/97	A-INF			176			86	2.2	2.84	3,153.9	0.069	< 43.08	
	A-EFF						< 10	< 0.10					< 0.0016
02/14/97				176	25	2	106		12.12	3,166.0			
02/18/97				176	95	0.8	402		16.05	3,182.1			
02/28/97				176	53	0	224		49.48	3,231.6			
03/05/97	A-INF			176			210	< 0.10	17.15	3,248.7	< 0.491	< 43.57	
	A-EFF						< 10	< 0.10					< 0.0016
03/12/97				211.2	62	0.7	262						
03/19/97				220	33	1	140						
03/26/97				211.2	35	1	148						
04/02/97	A-INF			220			170	4.0	94.55	3,343.3	< 1.020	< 44.59	
	A-EFF						< 10	< 0.10					< 0.0020
04/09/97				220	40	1	169						
04/16/97				220	58	3	245						
04/23/97				220	30	1	127						
04/30/97				220	30	2	127						
05/08/97	A-INF			193.6			340	4.8	170.41	3,513.7	2.940	< 47.53	
	A-EFF						< 10	< 0.10					< 0.0017
05/14/97				193.6	80	1	339						
05/21/97				193.6	20	1	85						
05/28/97				176	42	0	178						
06/04/97	A-INF			176			360	2.9	156.76	3,670.4	1.724	< 49.26	
	A-EFF						< 10	< 0.10					< 0.0016
06/11/97				176	40	0	169						
06/18/97				158.4	38	0	161						
06/25/97				167.2	36	0	152						
07/02/97	A-INF			167.2			350	5.4	153.11	3,823.5	1.790	< 51.04	
	A-EFF						< 10	< 0.10					< 0.0015
07/09/97				202.4	29.4	0	124						
07/18/97				246.4	14.7	0	62						
07/22/97				246.4	54.2	0	229						

TABLE 5
CUMULATIVE HYDROCARBON REMOVAL AND EMISSIONS FOR
SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

		Field Measurements					Laboratory Analytical Results		TPHg Removal		Benzene Removal		Benzene
DATE	SAMPLE ID	TEMP F	PRESS in H2O	FLOW cfm	INF ppmv	EFF	TPHg mg/m3	Benzene mg/m3	Per Period Pounds	Cumulative Pounds	Per Period Pounds	Cumulative Pounds	Emitted per Day pounds
07/30/97				220	36.1	0	153						
08/07/97	A-INF			220			160	< 0.50	159.53	3,983.1	< 1.846	< 52.89	
	A-EFF						13	< 0.10					< 0.0020
08/11/97				220	19.1	0	81						
8/20/97				167.2	13.1	0	55						
8/27/97				158.4	20.0	0	85						
09/03/97	A-INF			158.4			400	< 1.0	128.39	4,111.5	< 0.344	< 53.23	
	A-EFF						< 10	< 0.10					< 0.0014
9/10/97				123.2	800	4.0	3386						
9/17/97				158.4	131	1.1	554						
9/24/97				176	40	0	169						
10/08/97	A-INF			176			200	3.1	157.59	4,269.1	1.077	< 54.31	
	A-EFF						< 10	< 0.10					< 0.0016
10/15/97				193.6	50	0.9	212						
10/22/97				176	50	1.5	212						
10/30/97				158.4	30	0	127						
11/5/97				167.2	65	7.6	275						
11/12/97	A-INF			176			880	< 0.10	298.58	4,567.6	< 0.885	< 55.20	
	A-EFF						< 10	< 0.10					< 0.0016
11/20/97				158.4	33	3.2	138						
11/25/97				123.2	56	3.0	237						
12/03/97	A-INF			220			NA	NA			NA	NA	
	A-EFF						< 10	< 0.10					< 0.0020
12/10/97				176	19	0.5	80						
12/17/97				193.6	16	0.6	68						
12/23/97				193.6	13	0.0	55						
12/29/97	A-INF			176			51	< 0.10	345.64	4,913.3	< 0.074	< 55.27	
	A-EFF						< 10	< 0.10					< 0.0016
01/06/98	A-INF			176			70	2.1	7.65	4,920.9	< 0.139	< 55.41	
	A-EFF						< 10	< 0.1					< 0.0016
1/13/98				211.2	6	1.0	25						
1/20/98				184.8	4	1.3	17						
02/03/98	System down due to chart recorder problem												
02/10/98	Restart system												
02/10/98	A-INF			132			< 10	1.1	< 15.48	< 4,936.4	0.619	< 56.03	
	A-EFF						< 10	< 0.1					< 0.0012
2/18/98				132.15	0.5	0.0							
2/23/98				158.4	0.6	0.1							
03/11/98	A-INF			193.6			< 10	1.5	< 4.24	< 4,940.6	0.551	< 56.58	
	A-EFF						< 10	< 0.1					< 0.0017
3/17/98				167.2	1.6	3.4							
03/20/98	System down due to control fault												
03/23/98	Restart system												
03/23/98				176	6.2	1.9							
03/30/98				167.2	0.4	0.8							

TABLE 5
CUMULATIVE HYDROCARBON REMOVAL AND EMISSIONS FOR
SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

		Field Measurements					Laboratory Analytical Results		TPHg Removal		Benzene Removal		Benzene
DATE	SAMPLE ID	TEMP F	PRESS in H2O	FLOW cfm	INF ppmv	EFF	TPHg mg/m3	Benzene mg/m3	Per Period Pounds	Cumulative Pounds	Per Period Pounds	Cumulative Pounds	Emitted per Day pounds
04/07/98				176	1.4	1.1							
04/17/98				123.2	1.4	1.7							
04/21/98	A-INF			88			10	0.26	< 5.18	< 4,945.8	0.456	< 57.04	
	A-EFF						< 10	< 0.1					< 0.0008
04/28/98				88	2.3	1.6							
05/12/98	A-INF			88			< 10	< 0.1	< 1.66	< 4,947.5	< 0.032	< 57.07	
	A-EFF						< 10	< 0.1					< 0.0008
05/19/98				88	1.8	1.2							
05/28/98				88	1.7	1.2							
06/02/98	A-INF			88	4.3	2.1	18	< 0.1	< 2.32	< 4,949.8	< 0.017	< 57.08	
	A-EFF						< 10	< 0.1					< 0.0008
06/09/98				88	1.9	1.1							
06/17/98				96.8	1.7	0.9							
06/24/98				96.8	2.1	0.8							
07/08/98	A-INF			96.8	3.4	0.8	< 10	< 0.1	< 4.18	< 4,954.0	< 0.030	< 57.11	
	A-EFF						< 10	< 0.1					< 0.0009
07/14/98	A-INF			132	3.1	0.0	39	0.91	< 1.51	< 4,955.5	< 0.031	< 57.15	
	A-EFF						< 10	< 0.1					< 0.0012
07/14/98	Shut down vapor extraction system upon departure. One process blower not operating												
07/16/98	System Inspection, vapor extraction system still down.												
07/21/98	System down on arrival due to blown process blower fuse. Restarted system												
07/21/98				46.2	2.5	1.1							
07/27/98	System operated for 11 hours prior to samples being collected.												
07/27/98	A-INF			176	0.3	0.1	13	< 0.10	< 0.16	< 4,955.7	< 0.003	< 57.15	
	A-EFF						< 10	< 0.10					< 0.0016
08/05/98	System down on arrival due to cumbustion blower problems. System ran for one hour. Restarted system												
08/05/98	A-INF			184.8	4.1	0.0	90	2.50	0.02	< 4,955.7	< 0.001	< 57.15	
	A-EFF						< 10	< 0.1					< 0.0017
08/11/98	A-INF			193.6	2.7	0.3							
08/18/98	A-INF			202.4	3.1	0.3							
08/25/98				193.6	1.8	0.3							
09/03/98	System down upon arrival due to propane tank running empty. System operated for 16 days. Restarted system.												
09/03/98	A-INF			184.8	4.4	0.2	68	1.00	20.97	< 4,976.6	0.464	< 57.61	
	A-EFF						< 10	< 0.10					< 0.0017
09/08/98				202.4	1.8	0.2							
09/22/98	System down upon arrival due to low gas pressure control down 14 days												
09/22/98					2.7	0.3							
09/29/98				176	20.4	1.8							
10/06/98	A-INF			202.4	13.0	1.3	56	1.70	20.38	< 4,997.0	0.444	< 58.06	
	A-EFF						< 10	< 0.10					0.0018
	System down upon arrival due to propane tank running empty.System down for 115.5 hours.												
10/15/98				191.84	1.1	0.2							
10/20/98				193.6	78.6	0.3							

TABLE 5
CUMULATIVE HYDROCARBON REMOVAL AND EMISSIONS FOR
SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

		Field Measurements					Laboratory Analytical Results		TPHg Removal		Benzene Removal		Benzene
DATE	SAMPLE ID	TEMP F	PRESS in H2O	FLOW cfm	INF ppmv	EFF	TPHg mg/m3	Benzene mg/m3	Per Period Pounds	Cumulative Pounds	Per Period Pounds	Cumulative Pounds	Emitted per Day pounds
10/27/98				193.6	219.0	6.2							
11/04/98	A-INF			193.6	42.1	3.3	150	5.00	44.30	< 5,041.3	1.727	< 59.78	
	A-EFF						< 10	< 0.10					0.0017
11/12/98				184.8	32.4	3.7							
11/17/98				180.4	97.4	7.5							
11/17/98	System down upon arrival due to propane tank running empty.System down for 82 hours.												
12/02/98	System down upon arrival due to propane tank running empty. System down on departure.												
12/09/98	Restarted system												
12/09/98	A-INF			184.8	10.0	0.6	Bag flat						
	A-EFF						< 10	< 0.10					
12/16/98				184.8	8.5	0.0							
12/23/98	System down upon arrival due to propane tank running empty. System remained down												
01/06/99	Restarted system												
01/06/99	A-INF			281.6	61.6	2.8	63	0.15	< 47.70	< 5,089.0	< 1.153	< 60.94	
	A-EFF						< 10	< 0.1					< 0.0025
01/12/99	A-INF			264	2.8	0.0							
	A-EFF												
01/18/99	A-INF			220	100.8	6.4							
	A-EFF												
01/26/99	A-INF			184.8	32.0	5.6							
	A-EFF												
02/04/99	A-INF			176	12.5	6.7	< 50	< 0.5	< 33.65	< 5,122.7	< 0.076	< 61.01	
	A-EFF						< 50	< 0.5					< 0.0079
02/12/99	A-INF			132	15.2	0.8							
	A-EFF												
02/12/99	System down on departure, compound full with rain water.												
03/18/99	Pumped containment rain water into storage tank, restarted system.												
03/18/99	A-INF			246.4	16.2	0	< 10	< 0.5	< 4.55	< 5,127.2	< 0.076	< 61.09	
	A-EFF						< 10	< 0.5					< 0.0111
03/30/99	A-INF			132	11.5	0							
	A-EFF												
04/09/99	A-INF			154	2.4	0							
	A-EFF												
04/16/99	A-INF			140.8	0	0.9	< 10	< 0.1	< 5.04	< 5,132.3	< 0.151	< 61.24	
	A-EFF						< 10	< 0.1					< 0.0013
04/21/99	A-INF			123.2	5.5	0							
	A-EFF												
04/28/99	A-INF			123.2	10.1	0							
	A-EFF												
05/04/99	A-INF			132	0	0							
	A-EFF												
05/13/99	A-INF			176	1.3	0	< 10	< 0.1	< 3.84	5,136.1	< 0.038	< 61.28	
	A-EFF						< 10	< 0.1					< 0.0016
05/18/99	A-INF			176	1.3	0							

TABLE 5
CUMULATIVE HYDROCARBON REMOVAL AND EMISSIONS FOR
SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

		Field Measurements					Laboratory Analytical Results		TPHg Removal		Benzene Removal		Benzene
DATE	SAMPLE ID	TEMP F	PRESS in H2O	FLOW cfm	INF ppmv	EFF	TPHg mg/m3	Benzene mg/m3	Per Period Pounds	Cumulative Pounds	Per Period Pounds	Cumulative Pounds	Emitted per Day pounds
	A-EFF												
05/25/99	A-INF			167.2	0	0							
	A-EFF												
06/11/99	System down upon arrival, emergency stop button was activated.												
06/11/99	A-INF			167.2	4.9	4.5							
	A-EFF												
06/17/99	System operated for 24.3 day for removal calculations.												
06/17/99	A-INF			167.2	1.3	1	< 10	< 0.1	< 3.74	5,139.9	< 0.037	< 61.32	
	A-EFF						< 10	< 0.1					< 0.0015
06/17/99	System shut down for pulsing												
06/25/99	System restarted												
06/25/99	A-INF			176	3.3	0							
	A-EFF												
06/29/99	A-INF			176	2.9	0							
	A-EFF												
07/06/99	A-INF			123.2	0	0	< 10	< 0.1	< 1.43	5,141.3	< 0.014	< 61.33	
	A-EFF						< 10	< 0.1					< 0.0011
07/16/99	A-INF			158.4	1.6	0.3							
	A-EFF												
07/16/99	System shut down for pulsing												
07/22/99	System restarted												
07/22/99	A-INF			176	0	0.7							
	A-EFF												
07/28/99	A-INF			167.2	5.4	0	15.5	< 0.1	< 2.66	5,143.9	< 0.018	< 61.35	
	A-EFF						< 10	< 0.1					< 0.0015
07/28/99	System shut down for pulsing												

Notes:

A-INF	= Air influent.	HC	= Hydrocarbons measured as total purgeable petroleum hydrocarbons as gasoline analyized using EPA method 8015 (mc
A-INT	= Air Intermediate.	ug/l	= Micrograms per liter.
A-EFF	= Air effluent.	mg/cuM	= Milligrams per cubic meter.
NA	= Not analyzed.	lb	= Pounds.
cu. ft/min	= Cubic feet per minute.	acfm	= Actual cubic feet per minute.
ppmv	= Parts per million by volume.	<	= Less than the laboratory method detection limit.

*If value is below laboratory detection limit, detection limit value is used.
**Values calculated using ERI SOP-25: "Hydrocarbons Removed from a Vadose Well" (Attachment C)

TABLE 6
OPERATION AND PERFORMANCE DATA FOR
GROUNDWATER REMEDIATION SYSTEM
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Date	Total Flow	Average Flowrate	Sample	Laboratory Analytical Results						TPHg Removal		Benzene Removal	
				TPHg	B	T	E	X	Arsenic	Per Period	Cumulative	Per Period	Cumulative
	gal	gpd	ID	ug/L	ug/L	ug/L	ug/L	ug/L	mg/l	lbs	lbs	lbs	lbs
01/09/95	0		W-INF	3400	630	190	100	460	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	0.0076				
01/10/95													
01/11/95	795	398											
01/13/95	1,065	135	System shut down pending EBMUD arsenic revision (discharge limit of 0.0012 ppm)										
01/23/95	1,065	0											
02/13/95	1,065	0											
02/14/95	1,065	0											
02/17/95	1,065	0											
02/27/95	1,065	0											
03/07/95	1,065	0	EBMUD arsenic revision (discharge limit of 0.05 ppm)										
03/13/95	10,800	1,623	W-INF	110	7.4	0.5	0.53	6	NA	0.1581	0.1581	0.0287	0.0287
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	<0.005				
03/21/95	11,660	108	W-INF	<50	4.5	<0.5	<0.5	5.5	NA	0.0006	0.1587	0.0000	0.0288
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	0.0059				
	System shut down - 55-gallon liquid phase carbon canister (leak)												
03/30/95	11,760	11	Replaced one 55-gallon liquid phase carbon canister (leak)										
04/04/95	11,760		Replaced one 55-gallon liquid phase carbon canister (leak) - Started system										
04/04/95	12,660	180	W-INF	220	66	11	4.8	16	NA	0.0011	0.1598	0.0003	0.0291
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	0.0096				
04/12/95	53,200	5,068	W-INF	770	110	19	<5.0	160	NA	0.1674	0.3273	0.0298	0.0588
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	<0.005				
04/19/95	73,710	2,930	W-INF	400	47	5.4	<0.5	40	NA	0.1001	0.4274	0.0134	0.0723
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	0.0055				
04/26/95	82,820	1,301	W-INF	1500	190	44	12	150	NA	0.0722	0.4996	0.0090	0.0813
			W-INT	200	31	3.2	<0.5	15	NA				

TABLE 6
OPERATION AND PERFORMANCE DATA FOR
GROUNDWATER REMEDIATION SYSTEM
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Date	Total Flow gal	Average Flowrate gpd	Sample ID	Laboratory Analytical Results TPHg ug/L	B ug/L	T ug/L	E ug/L	X ug/L	Arsenic mg/l	TPHg Removal Per Period lbs	TPHg Removal Cumulative lbs	Benzene Removal Per Period lbs	Benzene Removal Cumulative lbs
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	0.008				
05/09/95	83,750	72	Replaced two 55-gallon liquid phase carbon canisters (leaks)										
05/26/95	97,840	829	W-INF	680	210	16	5.8	28	NA	0.1366	0.6362	0.0251	0.1063
			W-INT	<50	0.94	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
06/06/95	Added two 55-gallon liquid phase carbon canisters in series												
06/06/95	Replaced one 55-gallon liquid phase carbon canister (leak)												
06/08/95			W-INF	2800	660	300	54	340	NA				
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-INT2	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF1	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF2	<50	<0.5	<0.5	<0.5	<0.5	NA				
06/27/95	125,010	849	W-INF1	4500	1700	99	35	220	NA	0.5871	1.2233	0.2165	0.3228
			W-INF2	810	420	20	7.9	58	NA				
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-INT2	<50	0.53	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF2	<50	<0.5	<0.5	<0.5	<0.5	NA				
07/10/95	131,370	489	Replaced two 55-gallon liquid phase carbon canisters										
07/11/95	131,690	320	W-INF1	1600	530	15	<10	59	NA	0.1700	1.3933	0.0621	0.3850
			W-INF2	630	270	7.0	<5.0	25	NA				
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-INT2	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	0.041				
			Additional Analyses: ND Purgeable Volatile Organics, ND Priority Pollutant Metals, except for 12 ppb nickel and 8.0 ppb zinc										
07/25/95	141,550	704	System down pending results of air samples										
7/28/95	System Down - Could not Restart												
7/31/95	Restart System												
08/15/95	System Down - Remove hydrocarbon vapor detector and send to manufacturer for calibration												
09/11/95	Replaced hydrocarbon vapor detector - Restarted System												

TABLE 6
OPERATION AND PERFORMANCE DATA FOR
GROUNDWATER REMEDIATION SYSTEM
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Date	Total Flow	Average Flowrate	Sample	Laboratory Analytical Results						TPHg Removal		Benzene Removal	
				TPHg	B	T	E	X	Arsenic	Per Period	Cumulative	Per Period	Cumulative
	gal	gpd	ID	ug/L	ug/L	ug/L	ug/L	ug/L	mg/l	lbs	lbs	lbs	lbs
09/13/95	System Down - hydrocarbon vapor detector shut down												
9/18/95	Restart System												
09/18/95	148,550	244	W-INF1	1900	590	33	16	120	NA	0.2462	1.6395	0.0788	0.4637
			W-INF2	490	150	7.6	3.1	30	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
09/20/95	System Down - hydrocarbon vapor detector shut down												
09/25/95	Restart System												
09/28/95	System Down - hydrocarbon vapor detector shut down												
10/13/95	151,380	113	W-INF1	4900	1400	310	120	480	NA	0.0803	1.7197	0.0235	0.4872
			W-INF2	780	230	49	15	72	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	0.0079				
			Additional Analyses: ND Purgeable Volatile Organics										
10/26/95	154,143	213											
11/06/95	157,906	342											
11/20/95	159,664	126	W-INF1	630	140	<5.0	6.9	22	NA	0.1911	1.9108	0.0532	0.5404
			W-INF2	230	36	1.6	2.2	7.6	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
11/27/95	System Down												
11/29/95	160,361	77	Restart System										
12/4/95	161,442	216											
12/18/95	168,304	490	W-INF1	8900	1100	240	130	2200	NA	0.3435	2.2543	0.0447	0.5851
			W-INF2	3900	380	85	60	890	NA				
			W-INT	<50	1.3	<0.5	<0.5	5.1	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
01/02/96	171,770	231											
01/08/96	173,707	323											
01/16/96	178,573	608	W-INF	490	53	1.8	3.9	35	NA	0.4023	2.6566	0.0494	0.6345
			W-INF2	150	8.1	<0.5	0.61	6.8	NA				

TABLE 6
OPERATION AND PERFORMANCE DATA FOR
GROUNDWATER REMEDIATION SYSTEM
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

	Total	Average		Laboratory Analytical Results						TPHg Removal		Benzene Removal	
Date	Flow	Flowrate	Sample	TPHg	B	T	E	X	Arsenic	Per Period	Cumulative	Per Period	Cumulative
	gal	gpd	ID	ug/L	ug/L	ug/L	ug/L	ug/L	mg/l	lbs	lbs	lbs	lbs
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
01/30/96	190,030	818											
02/14/96	202,610	839	W-INF1	840	220	25	<2.5	36	NA	0.1334	2.7900	0.0274	0.6619
			W-INF2	410	96	10	1.1	23	NA				
			W-INT	<50	0.58	1.8	<0.5	2.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
02/27/96	216,100	1,038											
03/12/96	System down upon arrival												
03/12/96	216,590	35	W-INF1	1700	410	110	26	130	NA	0.1481	2.9381	0.0367	0.6986
			W-INF2	420	94	24	5.9	33	NA				
			W-INT	<50	0.53	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
03/25/96	217,460	67	W-INF1	100	6.6	<0.5	<0.5	7	NA	0.0065	2.9446	0.0015	0.7002
			W-INF2	<50	3.9	<0.5	<0.5	1.5	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
03/25/96	System shutdown, removal of blower/carbon to thermal oxidizer												
07/22/96	Start-up remediation system												
07/22/96	219,802	20	W-INF1	3100	330	53	180	630	NA	0.0313	2.9759	0.0033	0.7034
			W-INF2	2500	330	41	140	480	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
08/01/96	System down on arrival, unable to obtain emission flow rate and samples. Notified BAAQMD												
08/01/96	247,305	2,750											
08/09/96			W-INF1	1500	550	6.0	12	69	NA				
			W-INF2	240	71	0.91	1.3	9.2	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
08/15/96	252,600	378											
08/29/96	256,508	279											
09/06/96	258,828	290	W-INF1	<50	<0.5	<0.5	<0.5	<0.5	NA	0.5128	3.4887	0.0538	0.7573

TABLE 6
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GROUNDWATER REMEDIATION SYSTEM
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Date	Total Flow	Average Flowrate	Sample	Laboratory Analytical Results						TPHg Removal		Benzene Removal	
				TPHg	B	T	E	X	Arsenic	Per Period	Cumulative	Per Period	Cumulative
	gal	gpd	ID	ug/L	ug/L	ug/L	ug/L	ug/L	mg/l	lbs	lbs	lbs	lbs
			W-INF2	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
9/20/96	260,063	88											
9/24/96	262,422	590											
10/3/96	263,150	81											
10/14/96	263,232	7	System down, air compressor, unable to obtain samples. Notified EBMUD										
01/02/97	263,232		Replaced compressor, restarted unit										
01/31/97	290,045	925	W-INF	5,500	1,700	580	120	740	NA	0.6208	4.1095	0.1902	0.9475
			W-INT1	190	39	12	2.1	13	NA				
			W-INT2	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
02/06/97	313,800	3,959	W-INF1	5,100	910	160	45	910	NA	1.0504	5.1600	0.2586	1.2061
			W-INT2	570	62	12	2.9	86	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
2/14/97	323,820	1,253											
2/18/97	327,856	1,009											
2/28/97	335,480	762											
03/05/97	340,178	940	W-INF1	980	100	5.0	2.1	54	NA	0.6690	5.8290	0.1111	1.3172
			W-INF2	<50	0.81	<0.5	<0.5	<0.5	NA				
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
3/12/97	344,977	686											
3/19/97	346,176	171											
3/26/97	346,927	107											
04/02/97	351,729	686	W-INF	430	120	1.8	5.3	19	NA	0.0679	5.8969	0.0106	1.3278
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
4/9/97	356,009	611											
4/16/97	358,700	384											
04/23/97	System down on arrival												

TABLE 6
OPERATION AND PERFORMANCE DATA FOR
GROUNDWATER REMEDIATION SYSTEM
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Date	Total Flow gal	Average Flowrate gpd	Sample ID	Laboratory Analytical Results TPHg ug/L	B ug/L	T ug/L	E ug/L	X ug/L	Arsenic mg/l	TPHg Removal Per Period lbs	TPHg Removal Cumulative lbs	Benzene Removal Per Period lbs	Benzene Removal Cumulative lbs
4/30/97	361,241	182											
5/8/97	365,440	525											
5/14/97	368,270	472	System down, bad float on air stripper										
05/21/97	370,444	311	W-INF	1,300	360	<5.0	16	21	NA	0.1351	6.0320	0.0375	1.3653
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
	System down, bad float on air stripper												
5/28/97	372,219	254	System down, bad float on air stripper										
06/04/97			Replaced float, restarted system										
06/04/97	375,230	430	W-INF1	1,600	510	5.8	17	16	NA	0.0579	6.0899	0.0174	1.3827
			W-INF2	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
6/11/97	378,550	474	System down, faulty transfer pump										
07/22/97	Restarted system												
07/22/97	379,120	14	W-INF1	1,300	520	6.2	6.2	34	NA	0.0466	6.1365	0.0165	1.3992
			W-INF2	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
07/29/97	379,315	28											
08/07/97	385,510	688	W-INF1	1,400	400	13	21	52	NA	0.0720	6.2085	0.0245	1.4238
			W-INF2	<50	2.0	<0.5	<0.5	<0.5	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
08/13/97	388,390	480											
08/20/97	391,380	427											
08/27/97	393,545	309											
09/03/97	395,744	314											
09/10/97	397,402	237	W-INF1	<50	<0.5	<0.5	<0.5	<0.5	NA	0.0719	6.2804	0.0199	1.4436
			W-INF2	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				

TABLE 6
OPERATION AND PERFORMANCE DATA FOR
GROUNDWATER REMEDIATION SYSTEM
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

	Total	Average			Laboratory Analytical Results						TPHg Removal		Benzene Removal	
Date	Flow	Flowrate	Sample	TPHg	B	T	E	X	Arsenic	Per Period	Cumulative	Per Period	Cumulative
	gal	gpd	ID	ug/L	ug/L	ug/L	ug/L	ug/L	mg/l	lbs	lbs	lbs	lbs
09/17/97	399,232	261											
09/24/97	400,746	216											
10/08/97	403,527	199	W-INF1	<50	0.53	<0.5	<0.5	<0.5	NA	0.0026	6.2829	0.00003	1.4437
			W-INF2	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
10/15/97	403,935	58											
10/22/97	406,161	318											
10/30/97	407,795	204											
11/05/97	408,668	146											
11/12/97	410,116	207											
11/20/97	413,391	409											
11/25/97	415,500	422											
12/02/97	421,667	881	W-INF1	660	180	10	8.2	13	NA	0.0537	6.3367	0.0137	1.4573
			W-INF2	410	110	5.3	5.3	8.9	NA				
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-INT2	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
12/03/97	422,595	928											
12/10/97	429,205	944											
12/17/97	436,179	996											
12/23/97	441,533	892											
12/29/97	445,796	711											
01/06/98	System down,high water. Restarted system												
01/06/98	449,395	450	W-INF1	1,600	640	25	<10	36	NA	0.2614	6.5981	0.0949	1.5522
			W-INF2	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-INT2	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
01/13/98	455,054	808											
01/20/98	463,576	1,217											
02/03/98	478,169	1,042	W-INF1	1,800	780	66	40	580	NA	0.4081	7.0062	0.1705	1.7226

TABLE 6
OPERATION AND PERFORMANCE DATA FOR
GROUNDWATER REMEDIATION SYSTEM
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Date	Total Flow	Average Flowrate	Sample	Laboratory Analytical Results						TPHg Removal		Benzene Removal	
				TPHg	B	T	E	X	Arsenic	Per Period	Cumulative	Per Period	Cumulative
	gal	gpd	ID	ug/L	ug/L	ug/L	ug/L	ug/L	mg/l	lbs	lbs	lbs	lbs
			W-INF2	530	180	12	6.4	110	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
02/10/98	481,638	496											
02/18/98	497,659	2,003											
02/23/98	499,350	338											
03/11/98	System down,high water. Restarted system												
03/11/98	542,708	2,710	W-INF1	2,000	670	24	9.6	220	NA	1.0231	8.0293	0.3904	2.1130
			W-INF2	130	2.6	0.65	<0.5	4.3	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
03/23/98	System down due to solinoid												
04/07/98	Replaced solinoid and restarted system												
04/07/98	547,022	160	W-INF1	2,100	380	65	76	350	NA	0.0738	8.1031	0.0756	2.1886
			W-INF2	130	2.6	0.65	<0.5	4.3	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
04/17/98	583,780	3,676											
04/21/98	585,720	485											
04/28/98	598,920	1,886											
05/05/98	606,610	1,099	W-INF1	2,300	380	27	26	390	NA	1.0938	9.1968	0.1889	2.3775
			W-INF2	130	2.6	0.65	<0.5	4.3	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
05/12/98	613,920	1,044											
05/19/98	621,120	1,029											
05/28/98	628,580	829											
06/02/98	634,760	1,236	Samples were collected but inadvertantly not analyzed by the laboratory.										
06/09/98	635,740	140											
06/17/98	642,810	884											
06/24/98	645,760	421											
07/08/98	645,800	3											

TABLE 6
OPERATION AND PERFORMANCE DATA FOR
GROUNDWATER REMEDIATION SYSTEM
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

	Total	Average		Laboratory Analytical Results						TPHg Removal		Benzene Removal	
Date	Flow	Flowrate	Sample	TPHg	B	T	E	X	Arsenic	Per Period	Cumulative	Per Period	Cumulative
	gal	gpd	ID	ug/L	ug/L	ug/L	ug/L	ug/L	mg/l	lbs	lbs	lbs	lbs
07/14/98	649,980	697	W-INF1	2700	480	<25	92	270	NA	0.9046	10.1015	0.1556	2.5331
			W-INF2	NS	NS	NS	NS	NS	NS				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
07/14/98	649,980	System down on departure											
07/16/98	System run manually for the East Bay Municipal Utility District Inspection, effluent split samples taken. System still down.												
07/16/98			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
07/21/98	650,180	29											
07/27/98	655,260	847											
07/27/98	System shutdown until propane can be refilled to restart the Thermtech Vac 25.												
08/05/98	Restarted system												
08/05/98	655,260	0	W-INF1	510	240	4.7	3.5	27	NA	0.0707	10.1722	0.0159	2.5490
			W-INF2	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
08/11/98	657,650	398											
08/18/98	662,740	727											
08/25/98	665,330	370											
09/03/98	System was down upon arrival due to low propane. System was restarted.												
09/03/98	667,700	263	W-INF1	400	110	<2.5	<2.5	9.4	NA	0.0472	10.2194	0.0182	2.5671
			W-INF2	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
09/08/98	System down upon arrival due to a failed sump pump. System was restarted.												
09/08/98	669,720	404											
09/22/98	673,870	296											
09/29/98	673,940	10											
10/06/98	676,292	336	W-INF1	990	300	<5.0	7.2	24	NA	0.0498	10.2692	0.0147	2.5818
			W-INF2	<50	0.6	<0.5	<0.5	<0.5	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
10/15/98	679,330	336	System down until carbon change out.										

TABLE 6
OPERATION AND PERFORMANCE DATA FOR
GROUNDWATER REMEDIATION SYSTEM
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Date	Total Flow	Average Flowrate	Sample	Laboratory Analytical Results						TPHg Removal		Benzene Removal	
				TPHg	B	T	E	X	Arsenic	Per Period	Cumulative	Per Period	Cumulative
	gal	gpd	ID	ug/L	ug/L	ug/L	ug/L	ug/L	mg/l	lbs	lbs	lbs	lbs
10/20/98	679,330	0	System down until carbon change out.										
10/27/98	679,520		W-INF1	1600	510	<10	10	62	NA	0.0349	10.3041	0.0109	2.5927
			W-INF2	<50	4.6	<0.5	<0.5	<0.5	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	0.19				
11/04/98	682,780	407	System shutdown on departure due to problems with the feed pump.										
11/12/98	682,810		System restarted upon departure of site.										
11/17/98			Fix problem with float in water stripper. System restarted on departure.										
11/24/98			System running on departure.										
11/24/98	687,980	430	W-INF1	420	100	3.8	2.7	3.3	NA	0.0713	10.3754	0.0215	2.6143
			W-INF2	78	3.3	8.6	<0.5	0.51	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
11/25/98			Inspection by EBMUD.										
11/25/98	688,262	646	W-EFF	<50	<.50	<.50	<.50	<.50	NA				
12/02/98	689,150	52	System down upon arrival. System restarted on departure.										
12/09/98	695,800		W-INF1	1500	480	19	49	120	NA	0.0626	10.4380	0.0189	2.6332
			W-INF2	310	95	3.1	3.9	32	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
12/16/98	695,800		System down upon arrival. System restarted on departure.										
12/23/98	702,994		System down on departure, pending a permit renewal from EBMUD.										
01/06/99	702,994		System down on departure, pending a permit renewal from EBMUD.										
01/12/99	702,994		System down on departure, pending a permit renewal from EBMUD.										
01/18/99	702,994		System down on departure, pending a permit renewal from EBMUD.										
01/26/99	702,994		System down on departure, pending a permit renewal from EBMUD.										
02/04/99	702,994		System down on departure, pending a permit renewal from EBMUD.										
02/12/99	702,994		System down on departure, pending a permit renewal from EBMUD.										
03/18/99	702,994		System down on departure, pending a permit renewal from EBMUD.										
03/30/99	702,994		System down on departure, pending a permit renewal from EBMUD.										
04/09/99	702,994		System down on departure, pending a permit renewal from EBMUD.										
04/16/99	702,994		System down on departure, pending a permit renewal from EBMUD.										

TABLE 6
OPERATION AND PERFORMANCE DATA FOR
GROUNDWATER REMEDIATION SYSTEM
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Date	Total Flow	Average Flowrate	Sample	Laboratory Analytical Results						TPHg Removal		Benzene Removal	
				TPHg	B	T	E	X	Arsenic	Per Period	Cumulative	Per Period	Cumulative
	gal	gpd	ID	ug/L	ug/L	ug/L	ug/L	ug/L	mg/l	lbs	lbs	lbs	lbs
05/04/99	702,994		System down for the month of May. No Permit renewal from EBMUD.										
06/11/99	702,994		System down for the month of June. No Permit renewal from EBMUD.										
07/28/99	702,994		System shutdown pending closure.										

Notes:

W-INF1	= Water influent before stripper or before tank.	B	= Benzene.
W-INF2	= Water influent after stripper or after filters.	T	= Toluene.
W-INT	= Water intermediate samples.	E	= Ethylbenzene.
W-EFF	= Water effluent samples.	X	= Total xylenes.
TPHg	= Total petroleum hydrocarbons as gasoline.	<	= Less than the laboratory method detection limit as indicated.
gpd	= Gallons per day.	ug/L	= Micrograms per liter.
gal	= Gallons.	mg/L	= Milligrams per liter.
NA	= Not applicable.		
NS	= Not sampled.		

APPENDIX

G

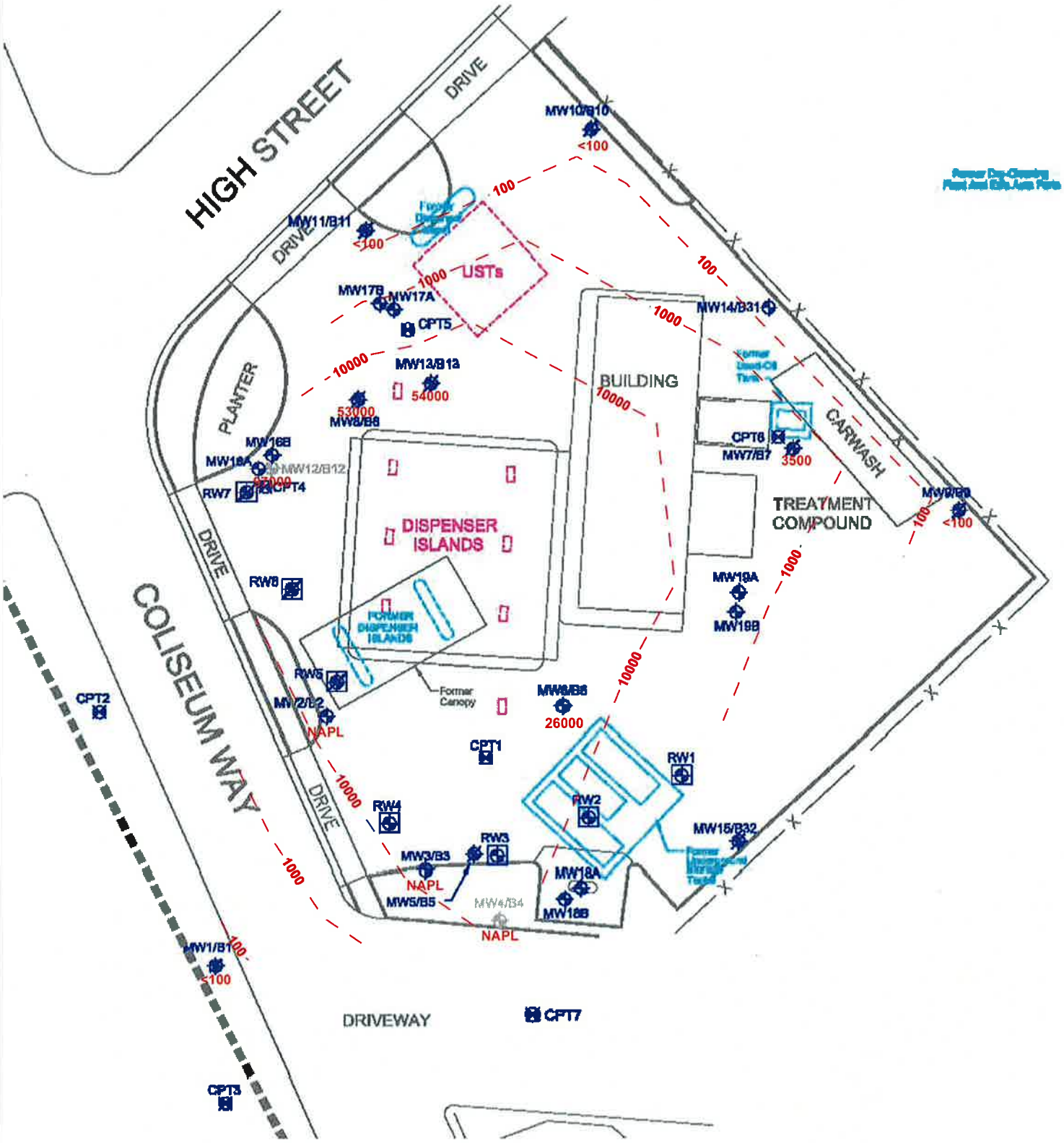
TIME-SERIES ISOCONCENTRATION MAPS

Cardno ERI

Shaping the Future

Note: Concentrations in micrograms per liter (µg/L).

April 1990

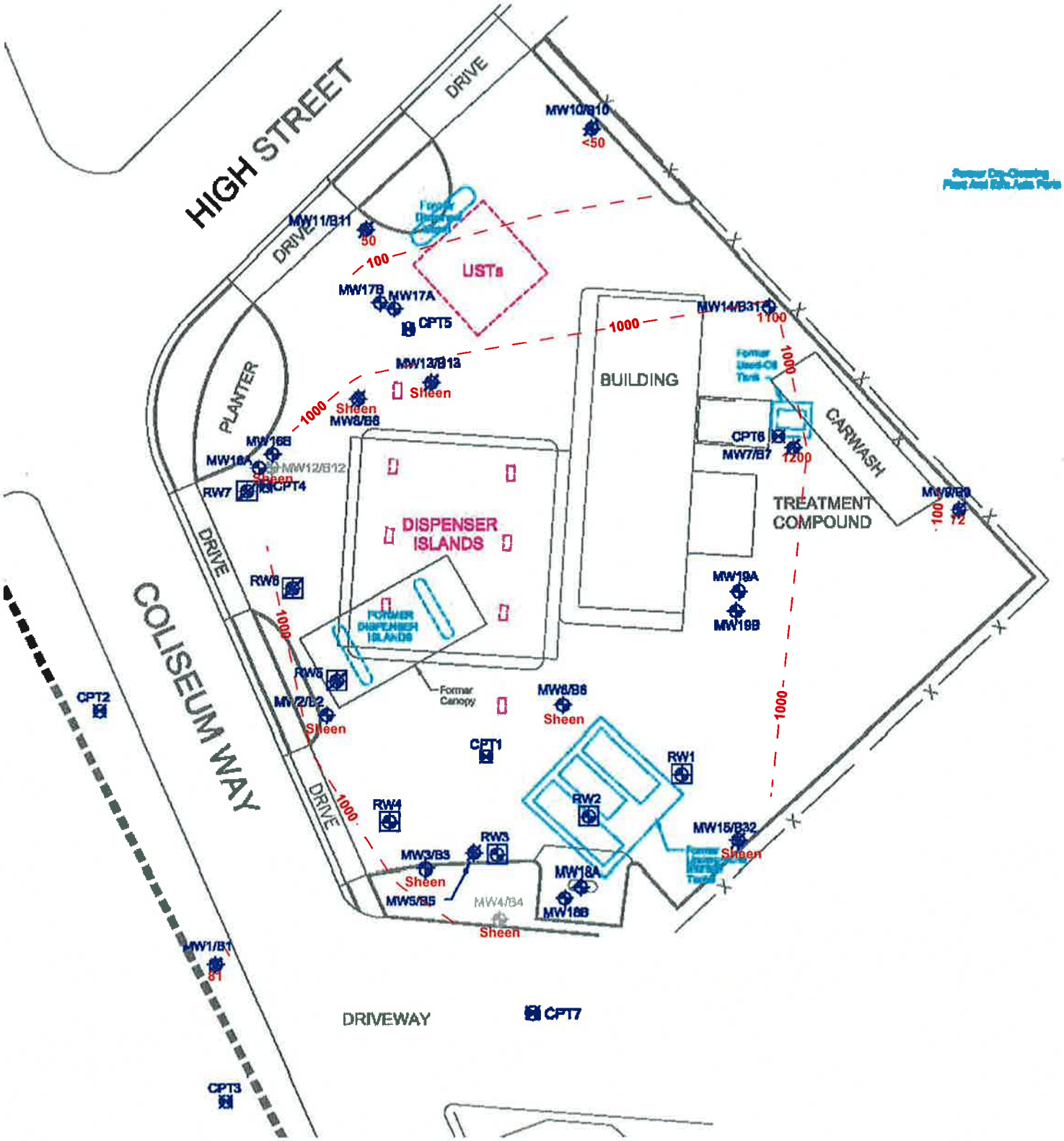


Time-Series Isoconcentration Maps, TPHd
Shallow Water-Bearing Zone
Former Exxon Service Station 73006
720 High Street
Oakland, California

0 50 100 150 200

Note: Concentrations in micrograms per liter (µg/L).

June 1995



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0 50 100 150 200

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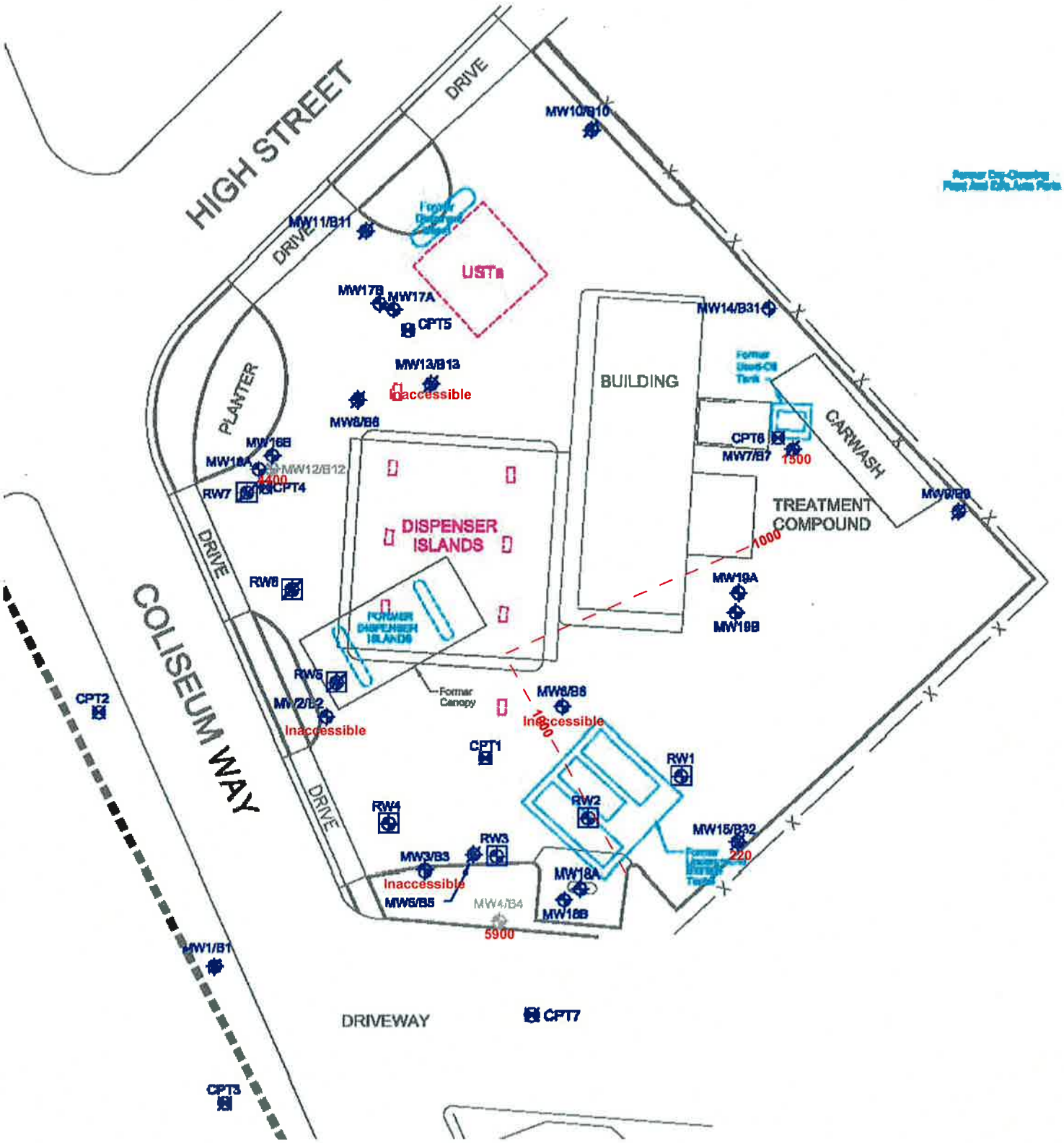

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Shallow Water-Bearing Zone
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Note: Concentrations in micrograms per liter (µg/L)

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

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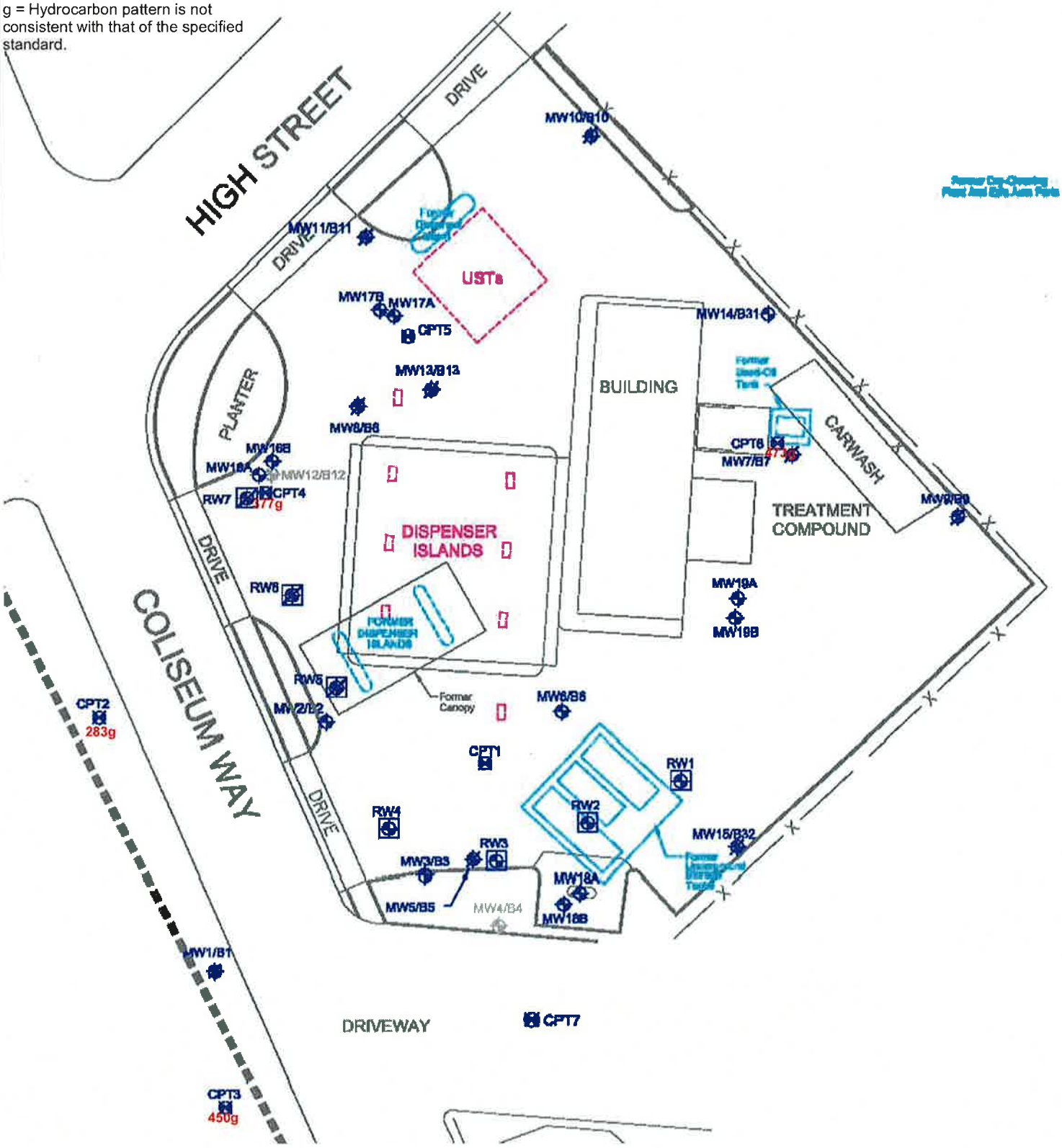

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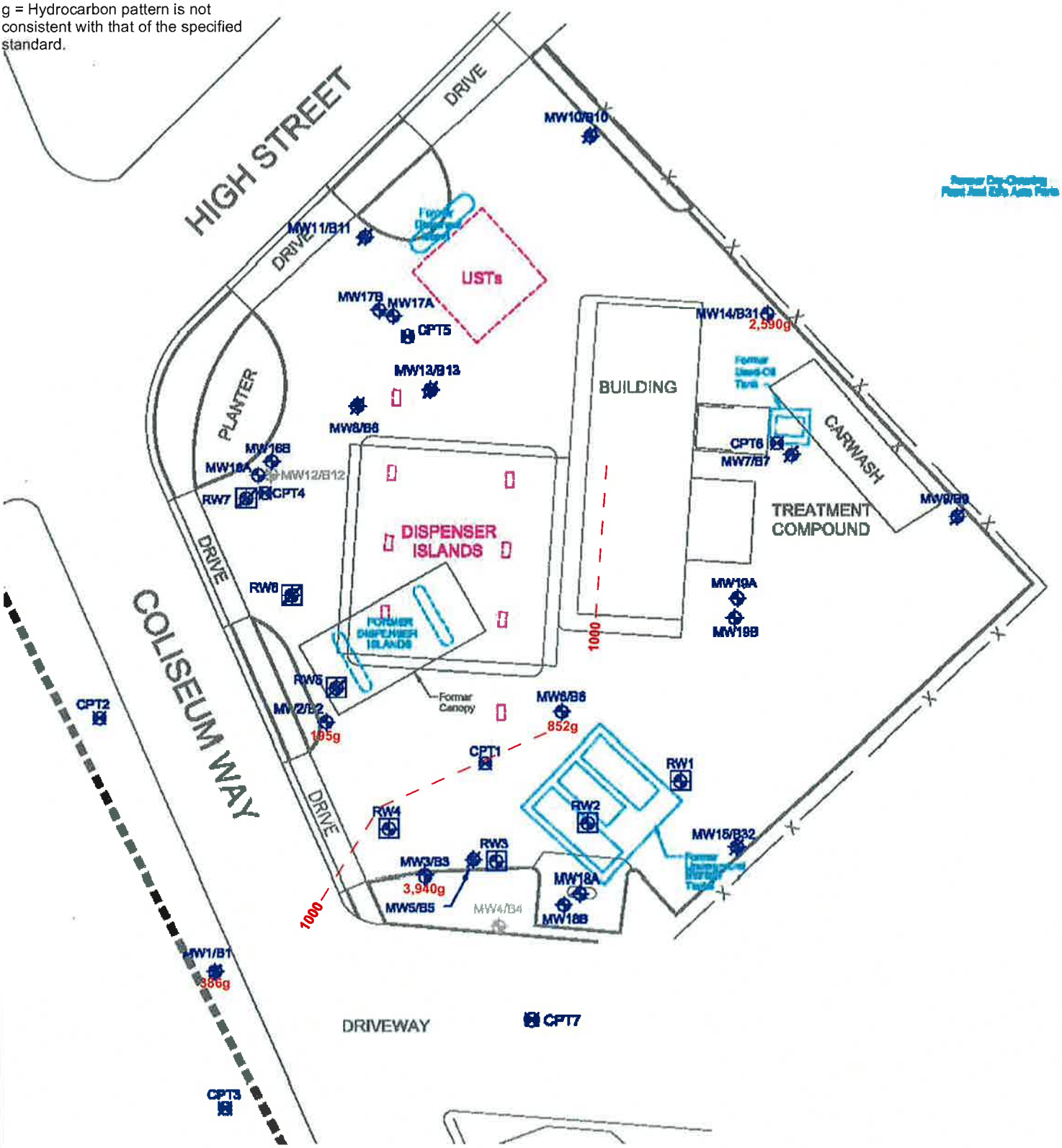

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Former Exxon Service Station 73006
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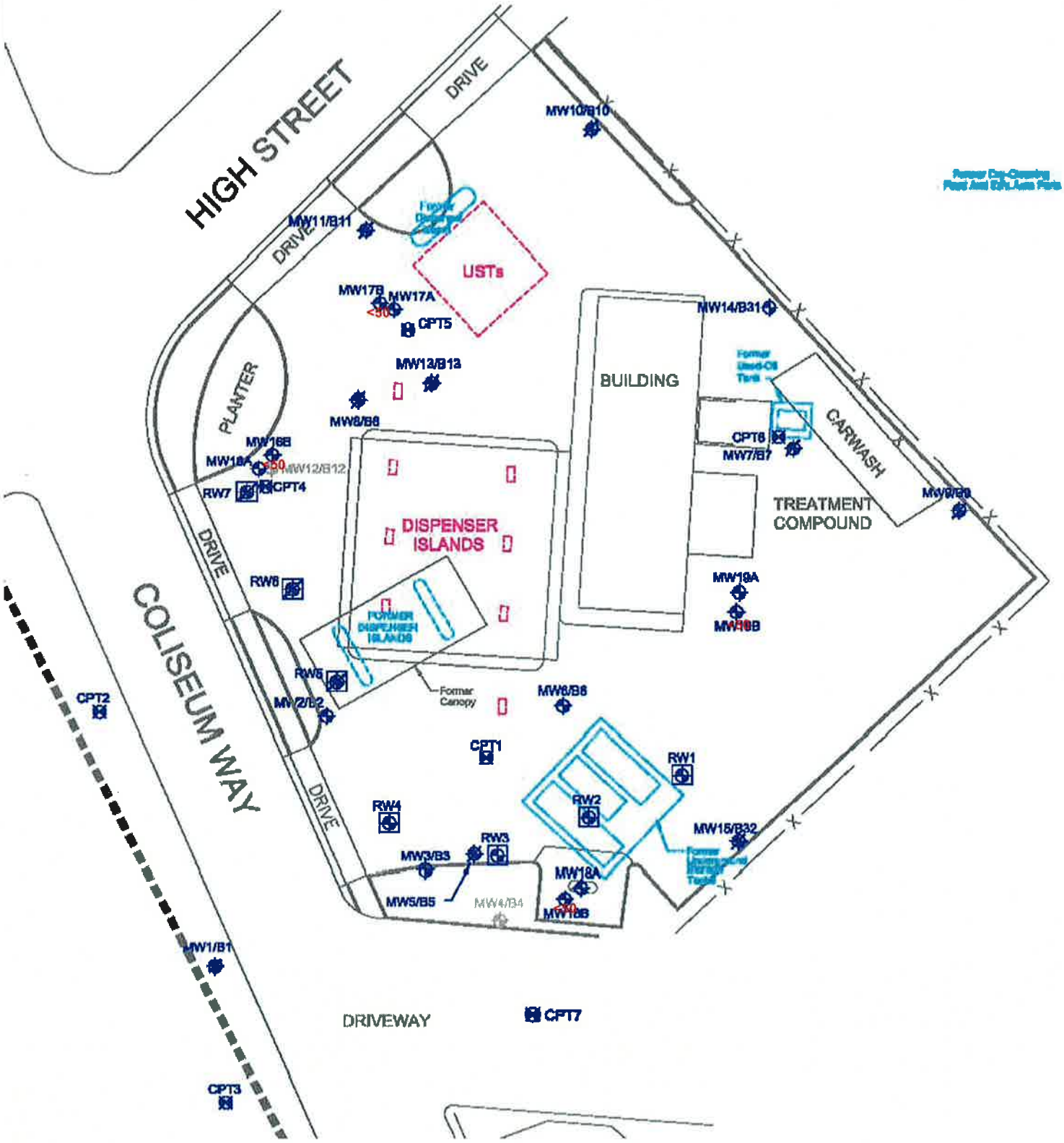
Oakland, California

0 50 100 150 200

Note: Concentrations in micrograms per liter (µg/L).

October 2009



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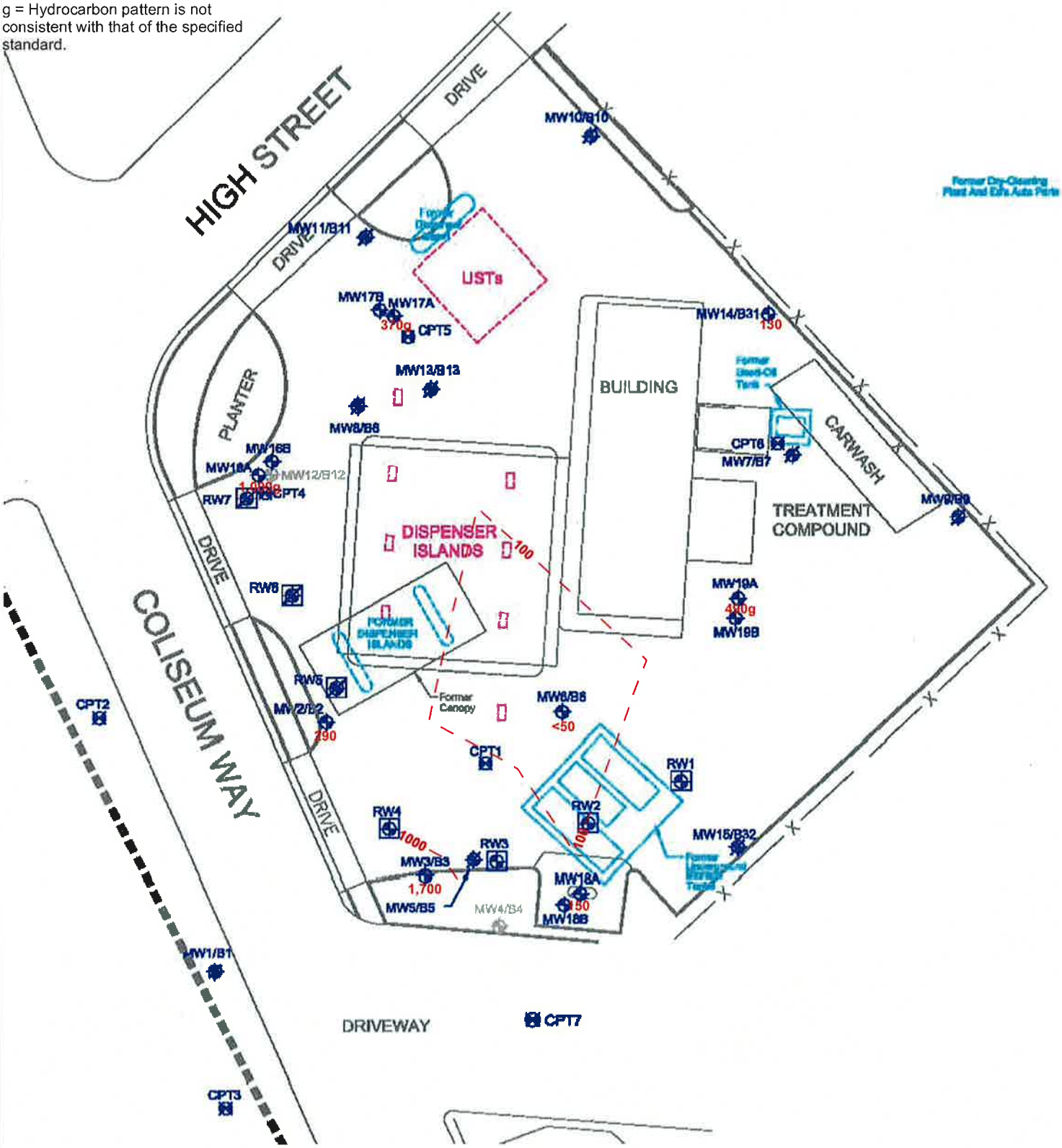

Time-Series Isoconcentration Maps, TPHd
Shallow Water-Bearing Zone
Former Exxon Service Station 73006
720 High Street
Oakland, California

0 50 100 150 200

Note: Concentrations in micrograms per liter (µg/L)

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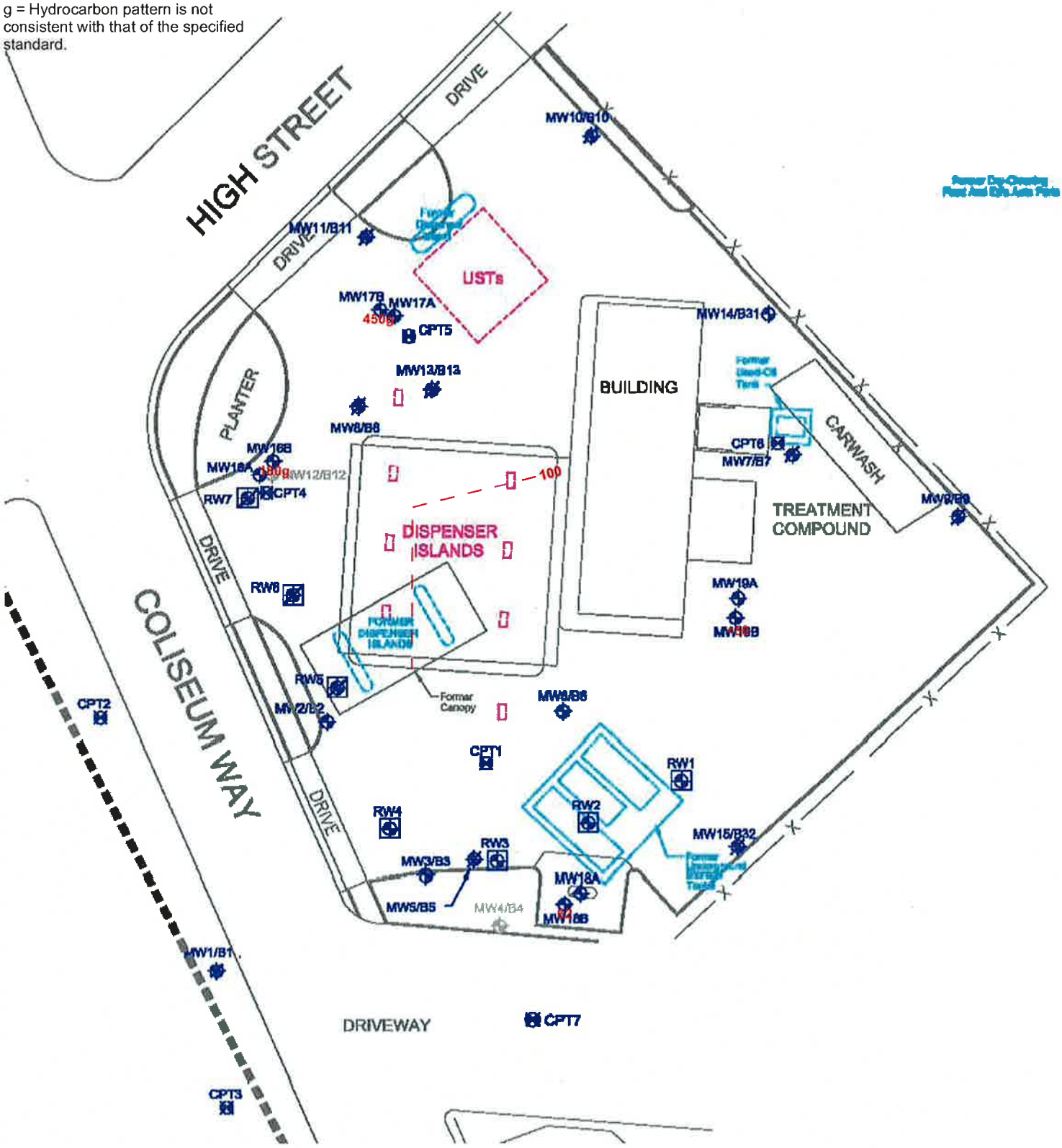
April 2013



Time-Series Isoconcentration Maps, TPHg
Deep Water-Bearing Zone
Former Exxon Service Station 73006
720 High Street
Oakland, California

0 50 100 150 200

Note: Concentrations in micrograms per liter (µg/L)

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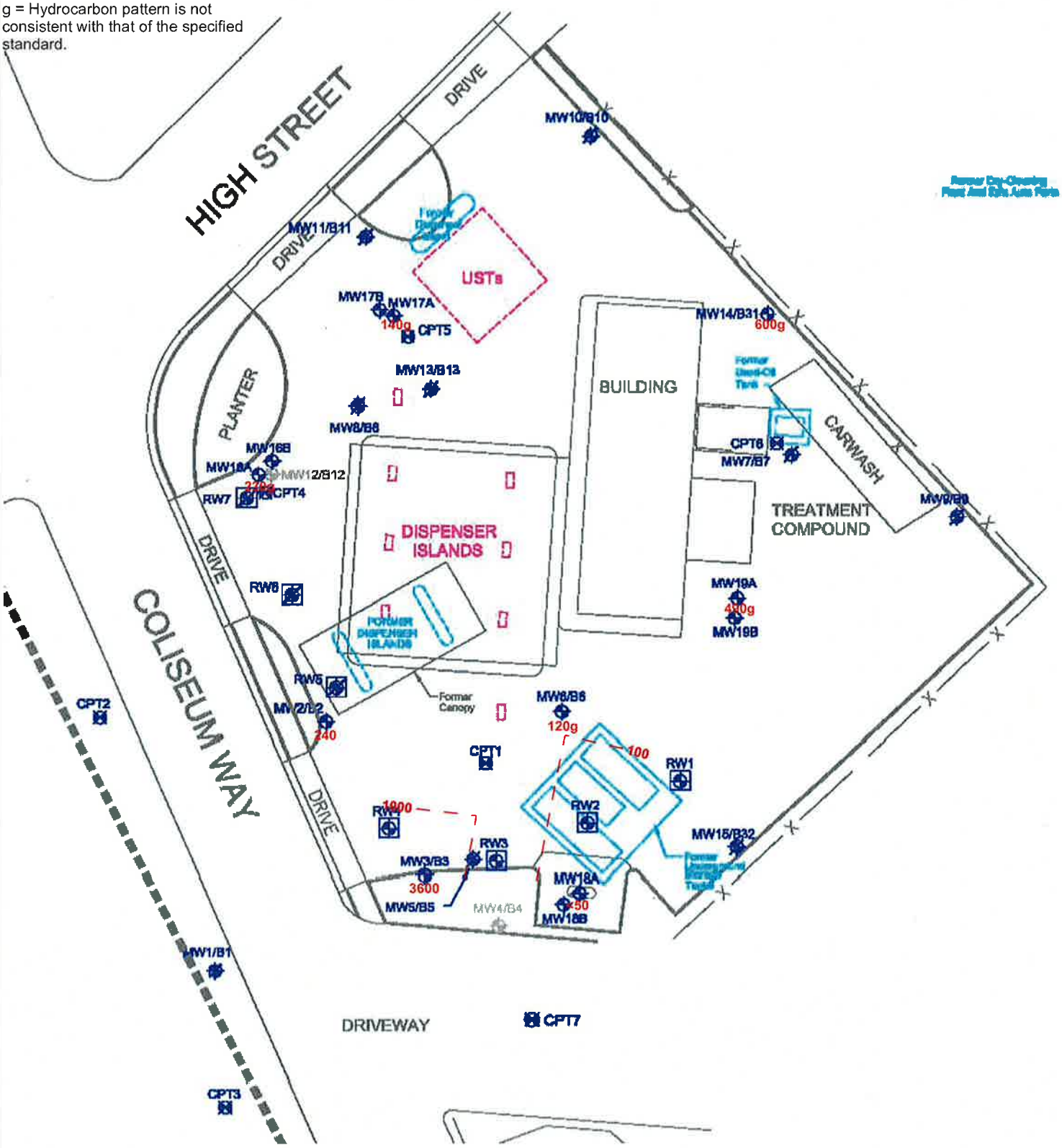
April 2013



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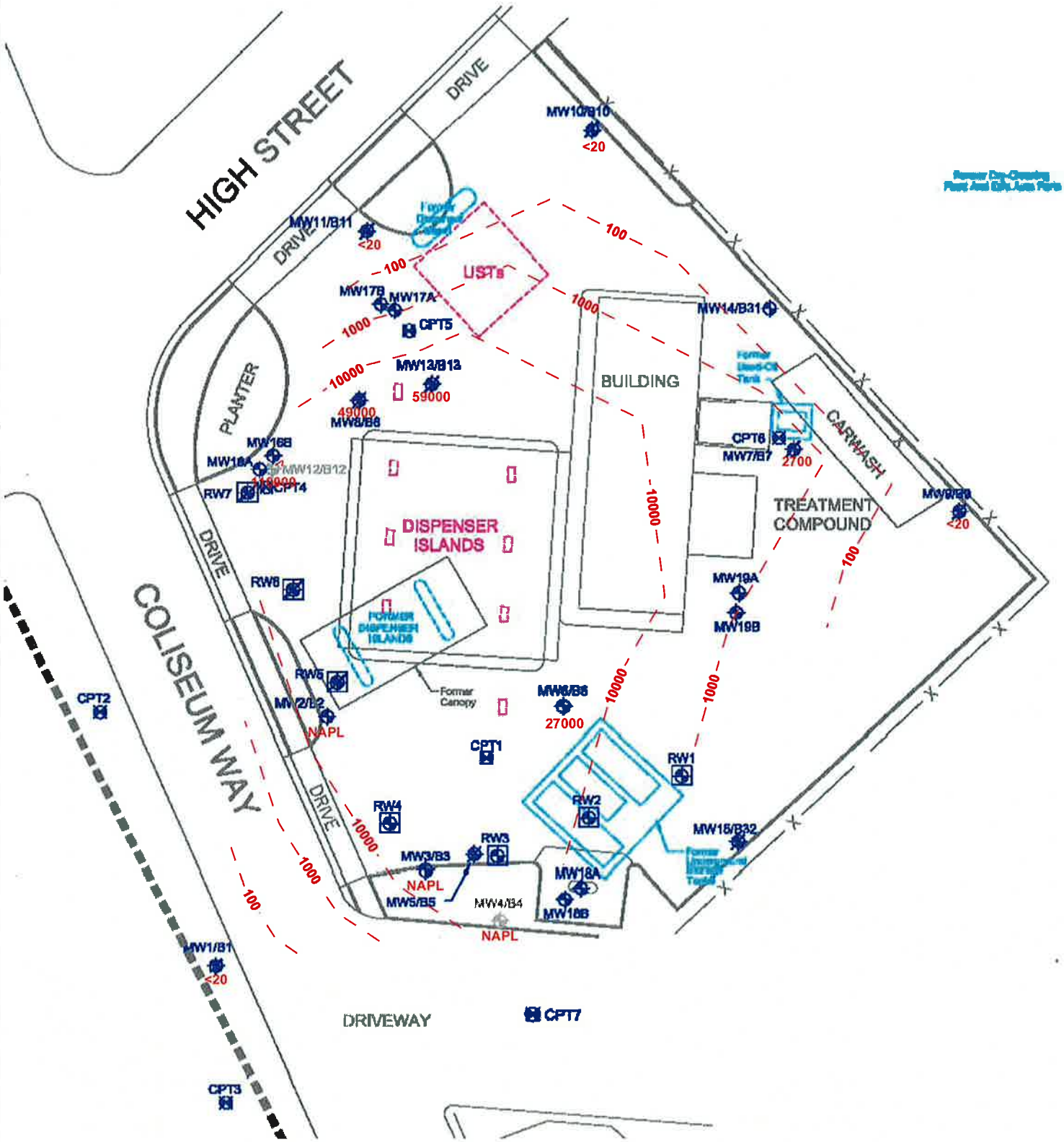
720 High Street
Oakland, California

0 50 100 150 200

Note: Concentrations in micrograms per liter (µg/L).

April 1990



Time-Series Isoconcentration Maps, TPHg
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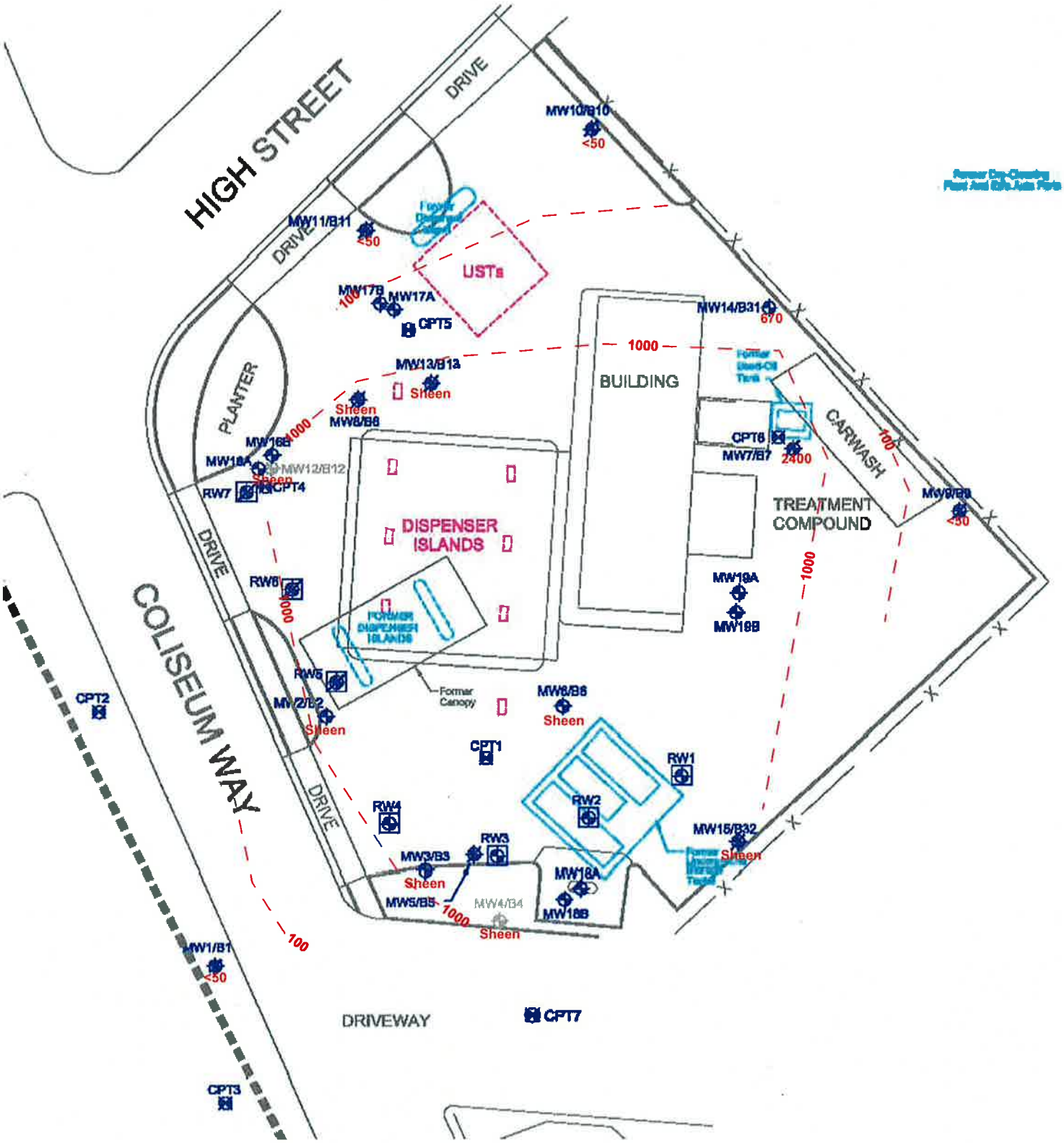
720 High Street
Oakland, California

0 50 100 150 200

Note: Concentrations in micrograms per liter (µg/L).

June 1995



Time-Series Isoconcentration Maps, TPHg
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0 50 100 150 200

Note: Concentrations in micrograms per liter (µg/L).

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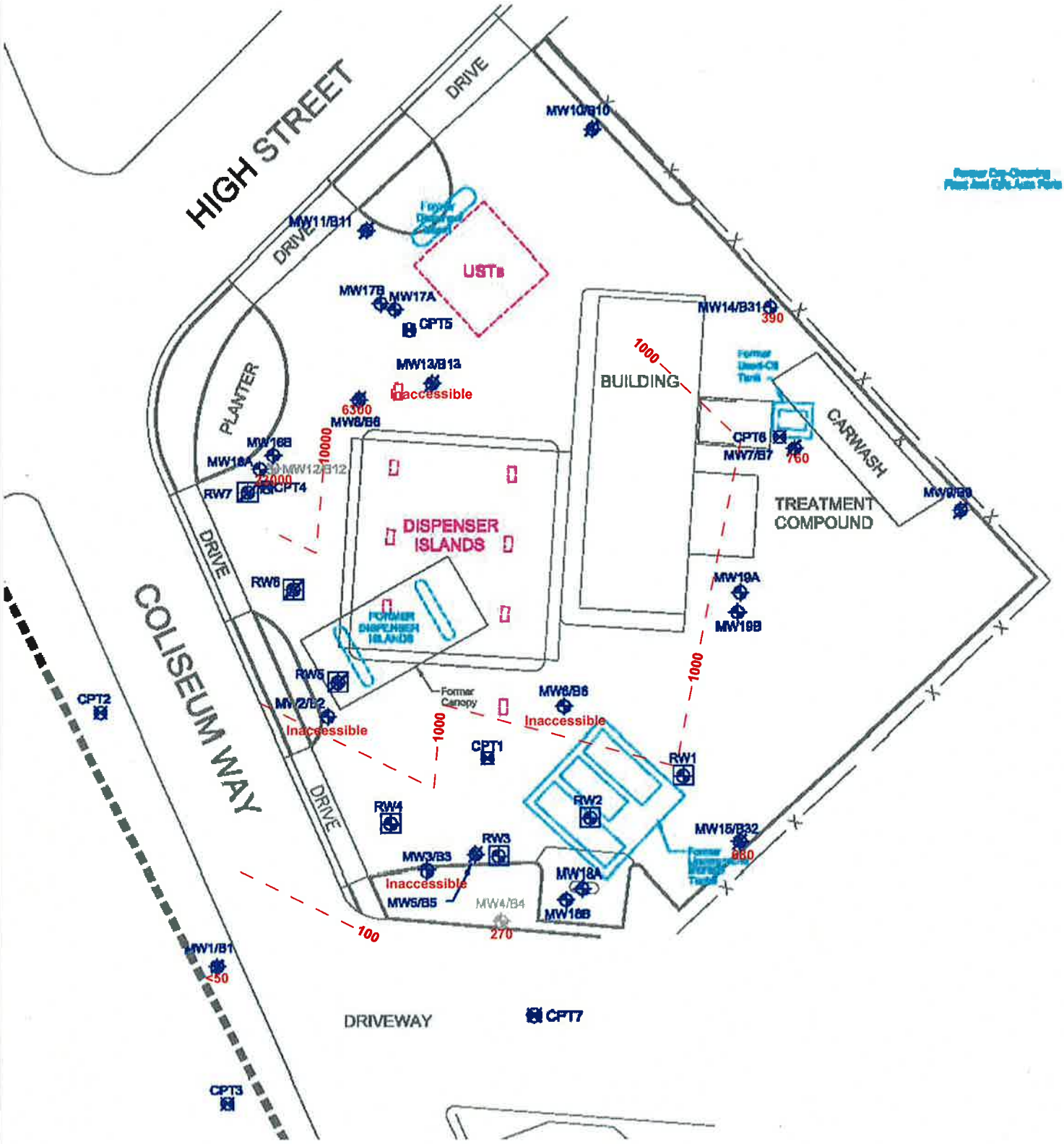

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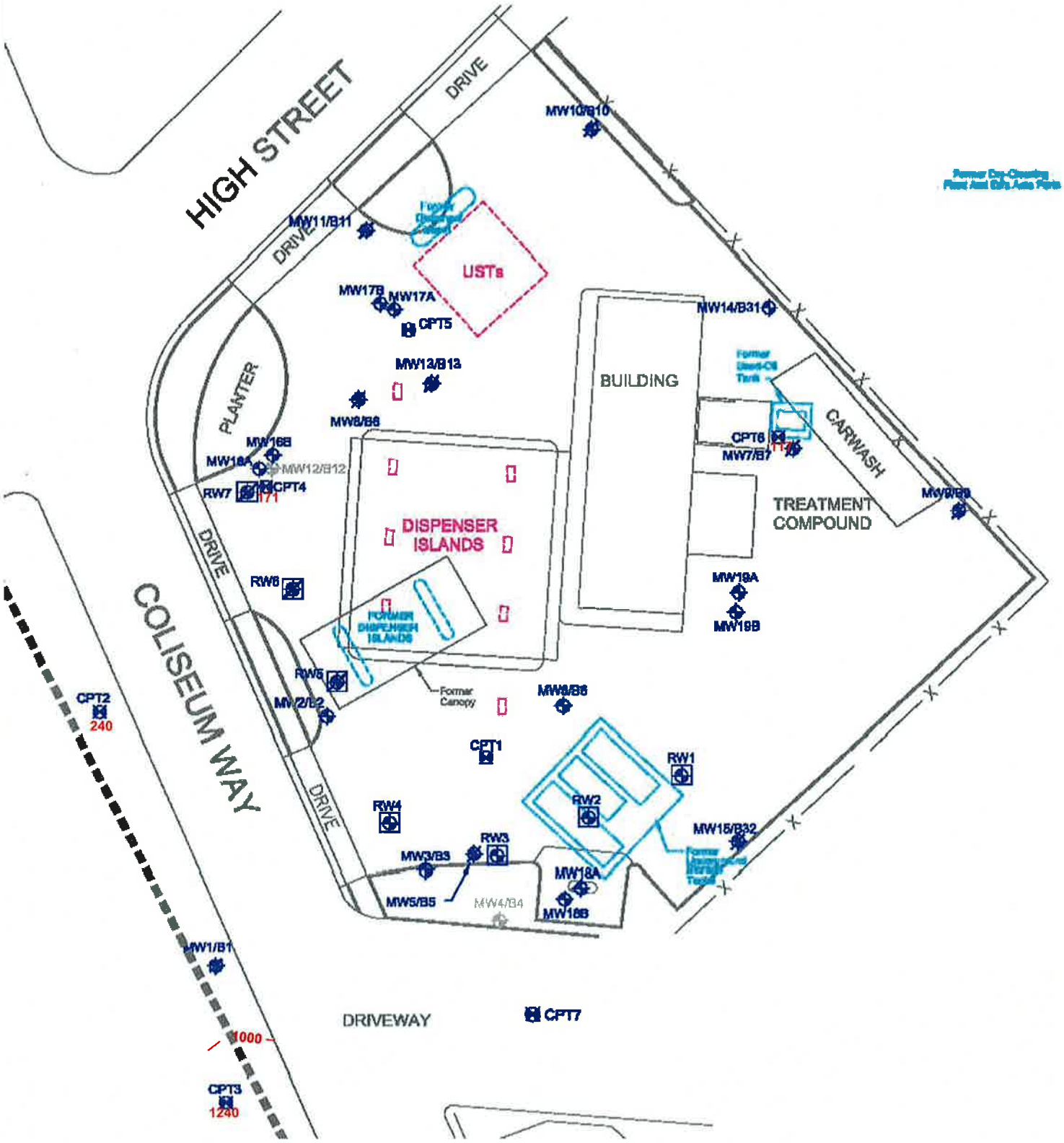

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720 High Street
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0 50 100 150 200

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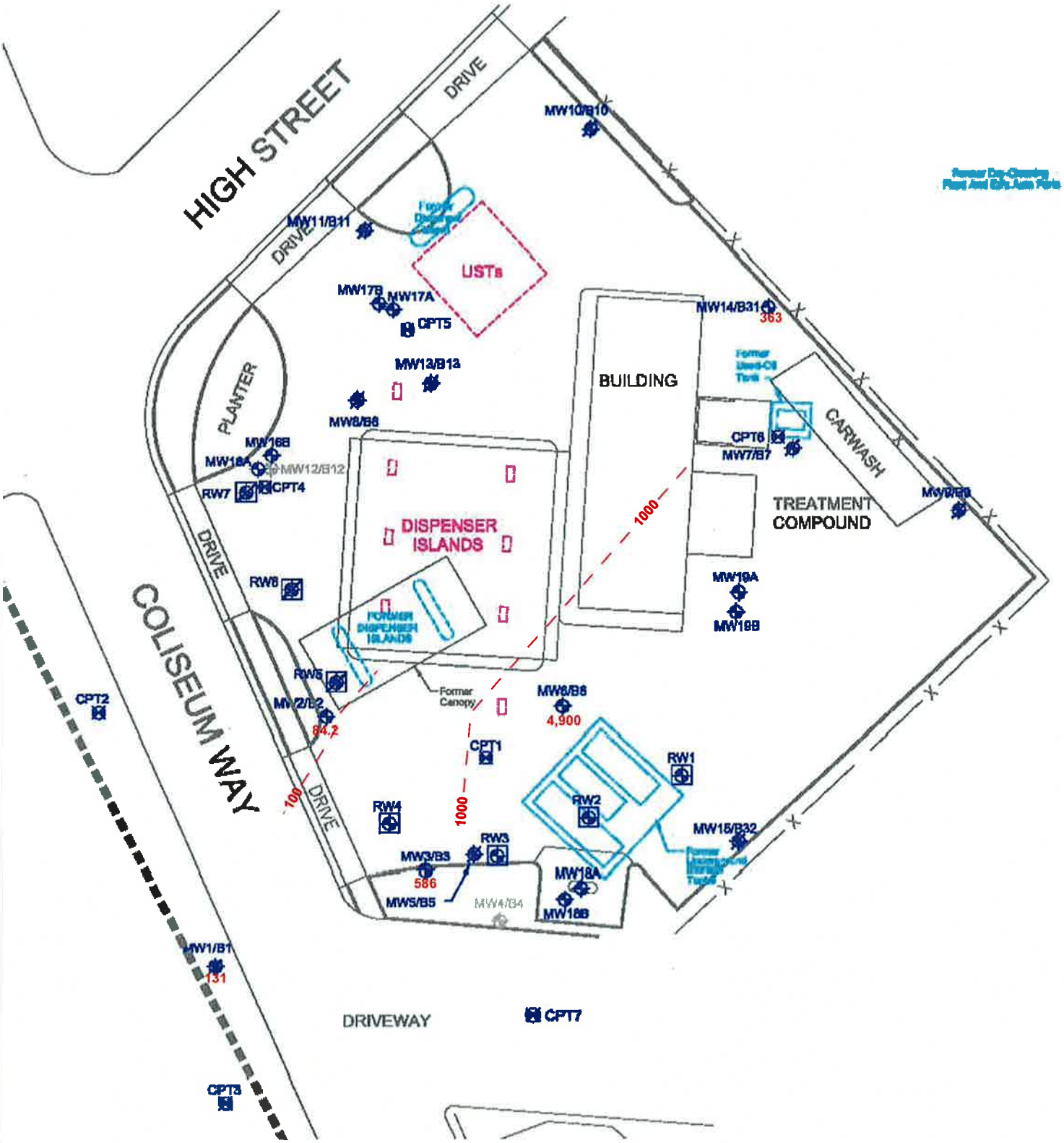

Time-Series Isoconcentration Maps, TPHg
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720 High Street
Oakland, California

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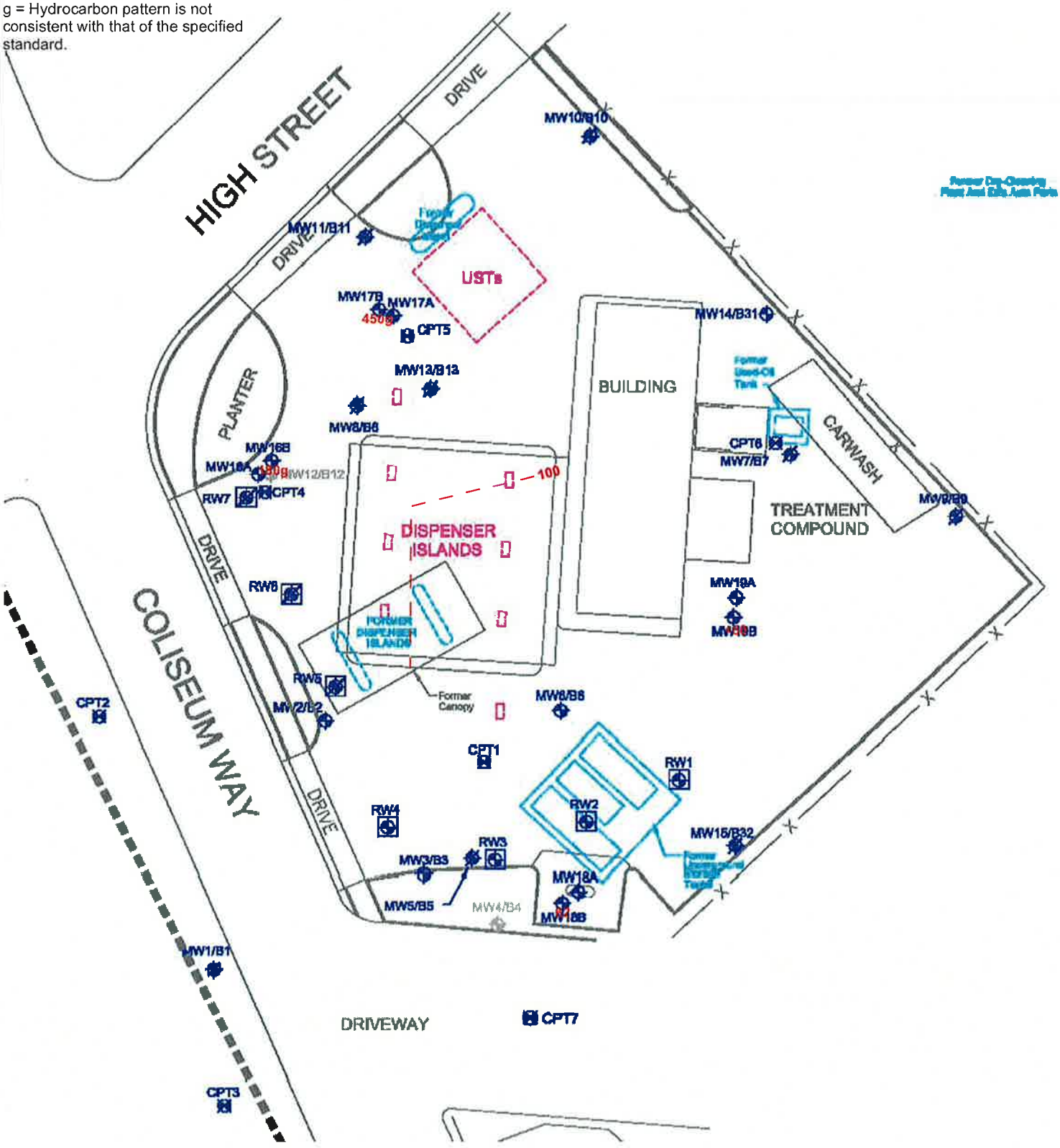
October 2009



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Oakland, California

0 50 100 150 200

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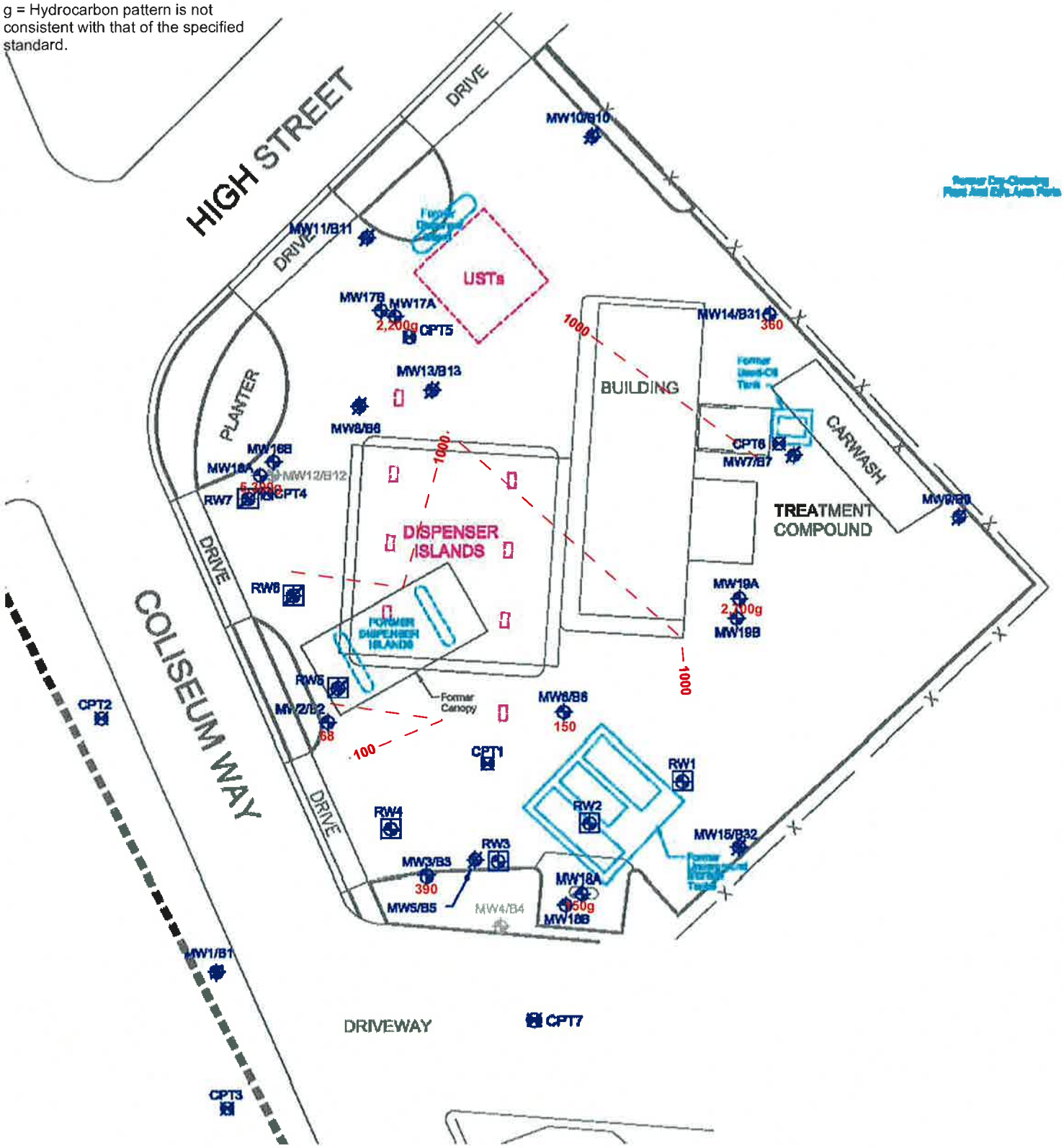

Time-Series Isoconcentration Maps, TPHg
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720 High Street
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0 50 100 150 200

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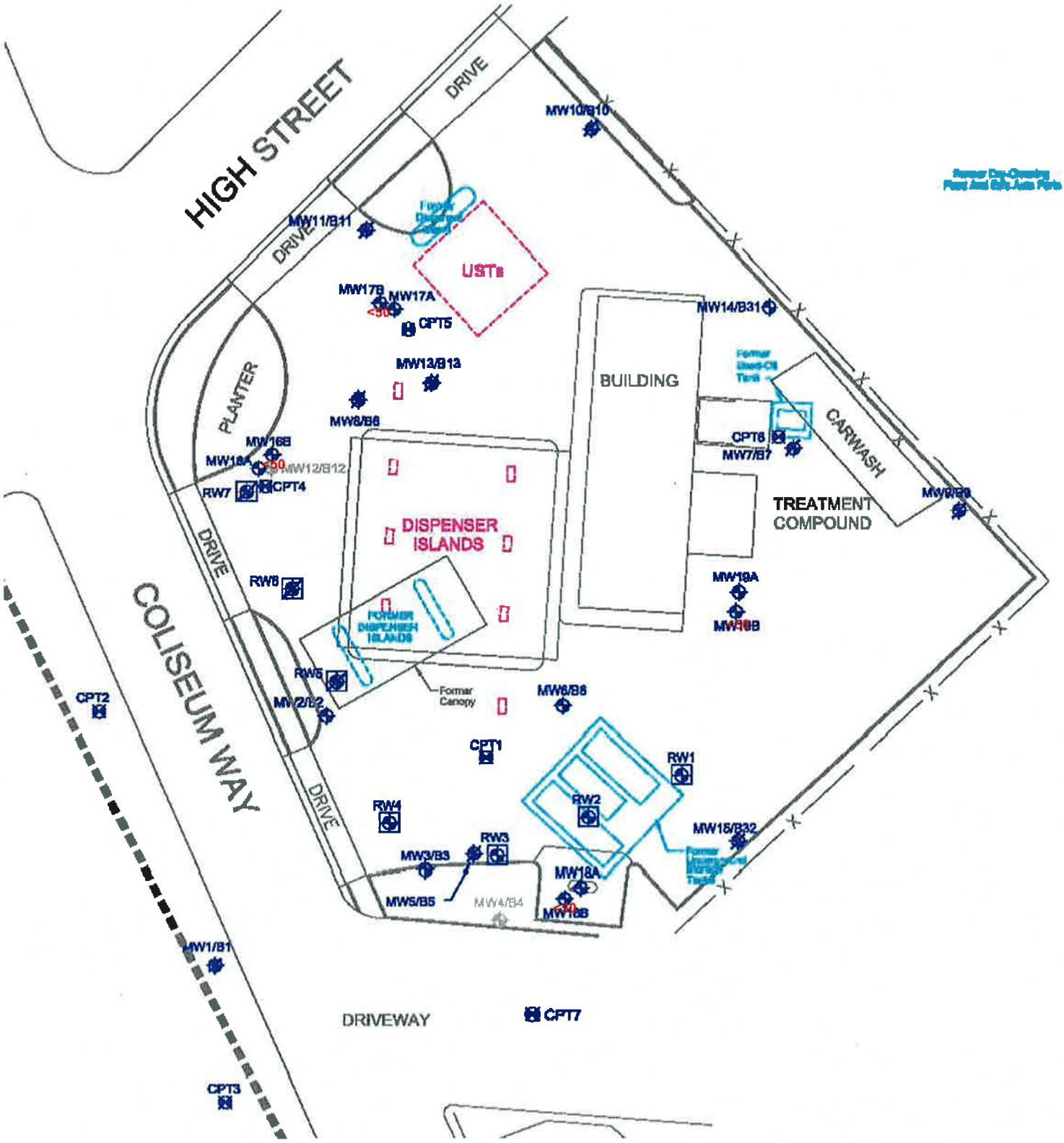

Time-Series Isoconcentration Maps, TPHd
Deep Water-Bearing Zone
Former Exxon Service Station 73006
720 High Street
Oakland, California

0 50 100 150 200

Note: Concentrations in micrograms per liter (µg/L)

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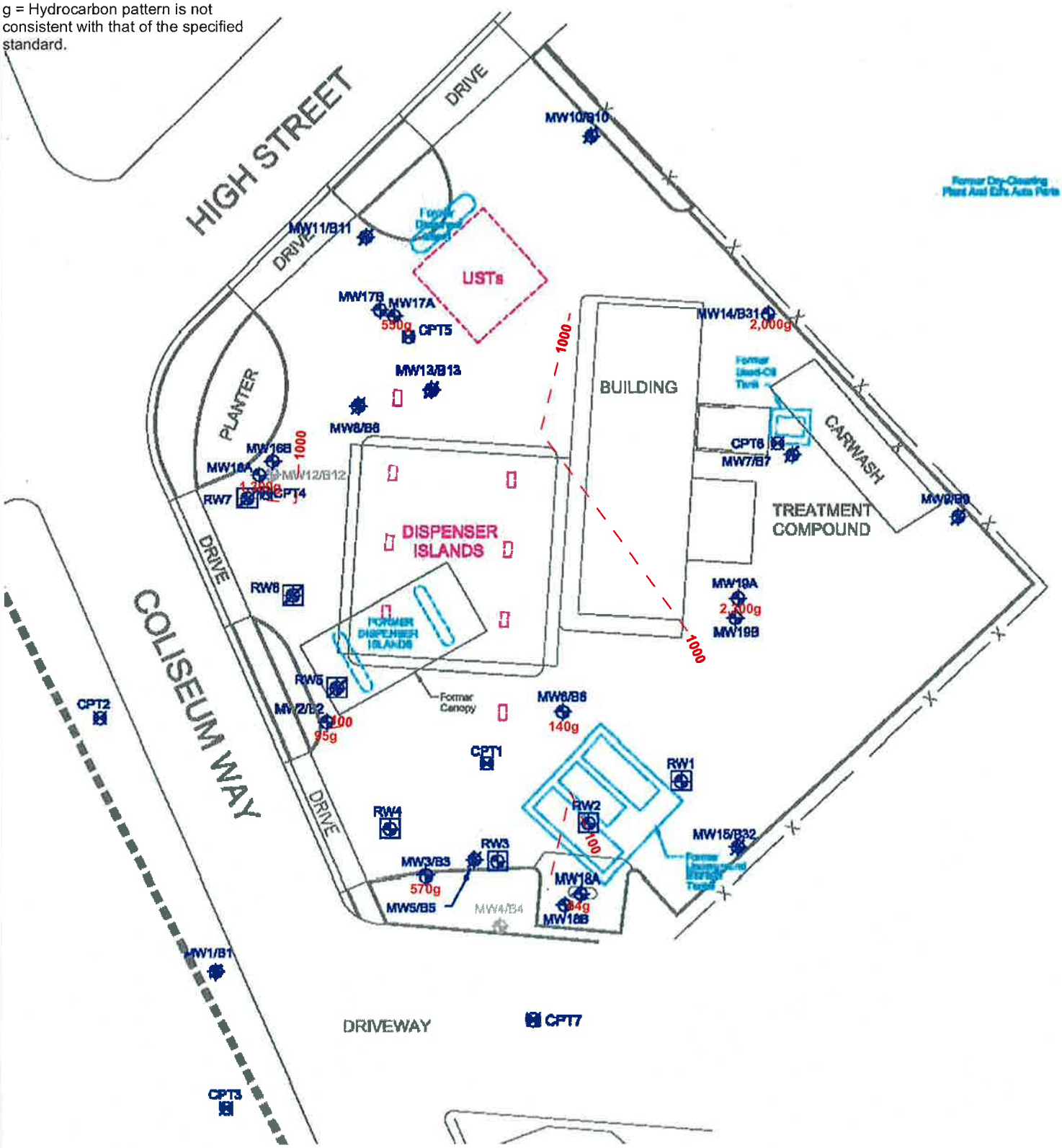
April 2013



Time-Series Isoconcentration Maps, TPHg
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0 50 100 150 200

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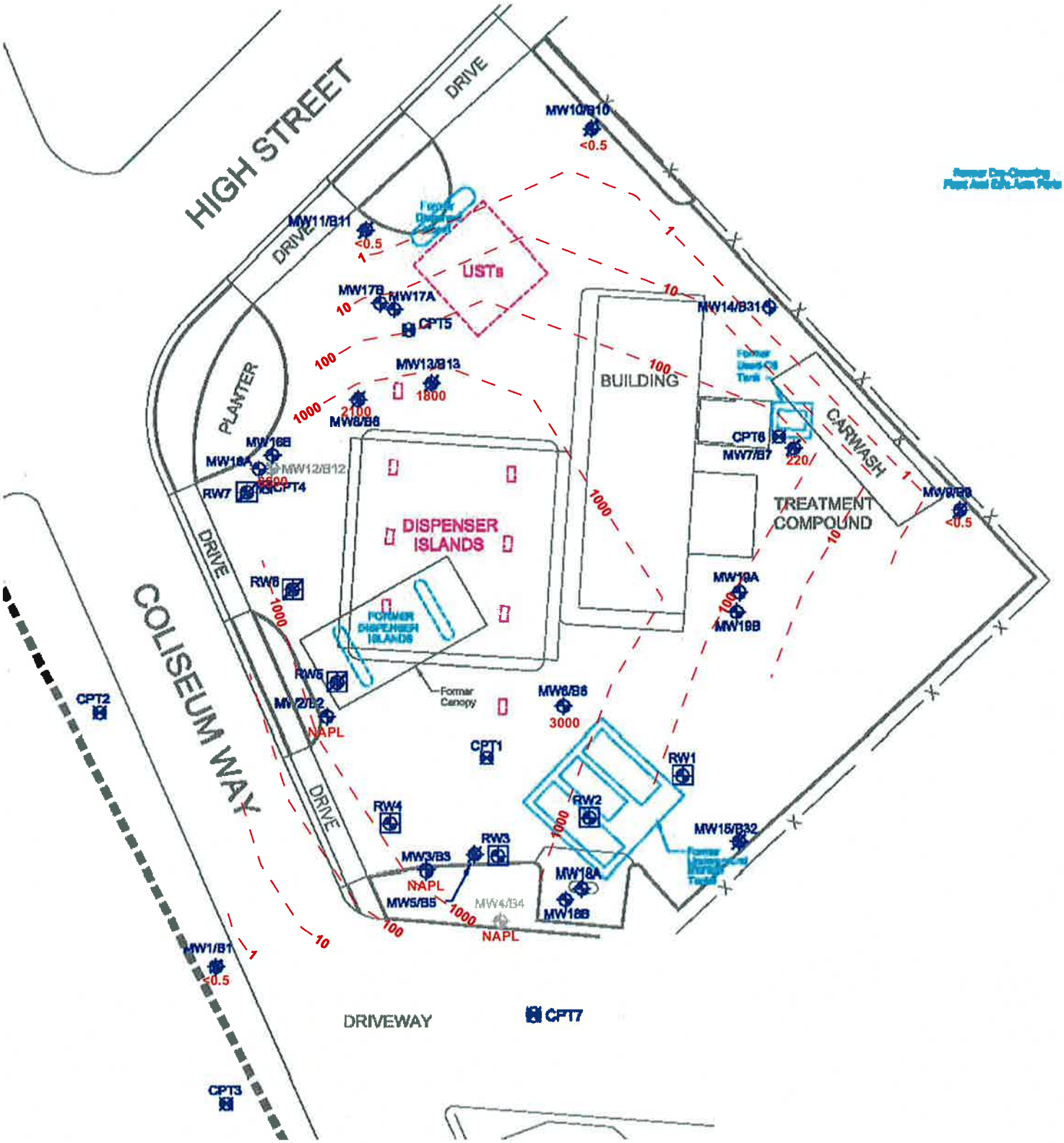
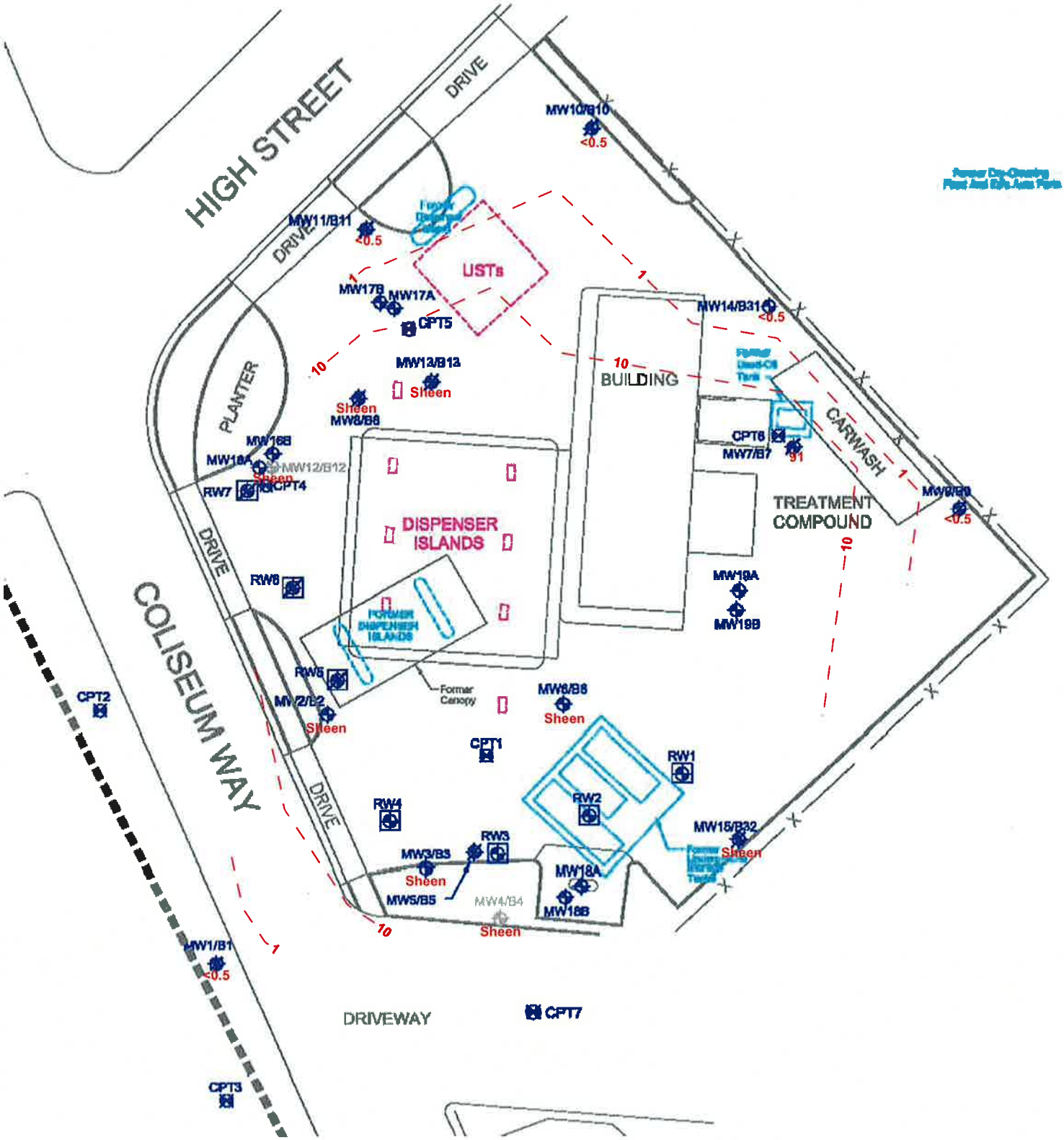


Time-Series Isoconcentration Maps, Benzene
Shallow Water-Bearing Zone
Former Exxon Service Station 73006
720 High Street
Oakland, California

0 50 100 150 200

Note: Concentrations in micrograms per liter (µg/L).

June 1995



Time-Series Isoconcentration Maps, Benzene
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720 High Street
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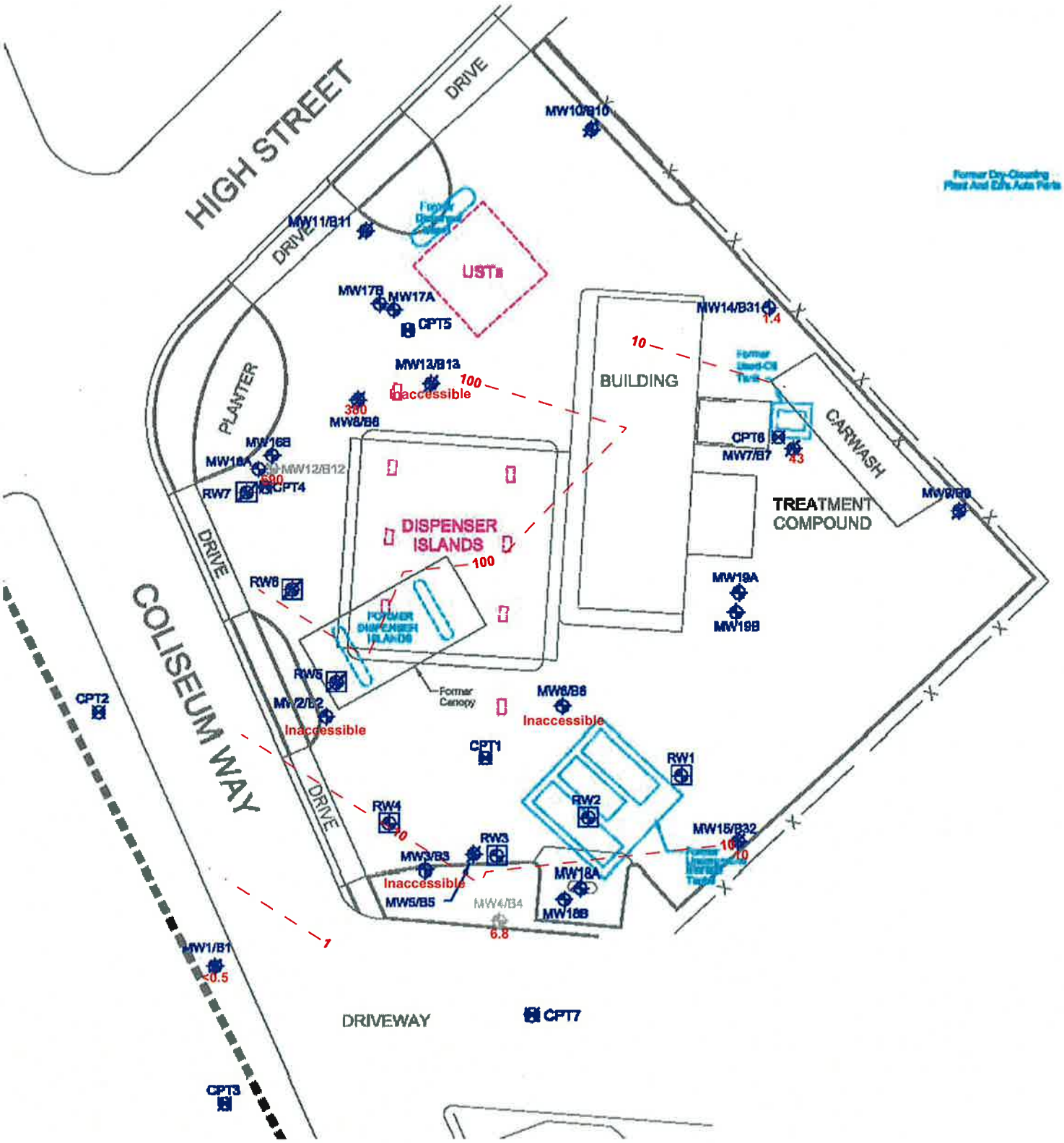
0 50 100 150 200

Note: Concentrations in micrograms per liter (µg/L).

March 2000



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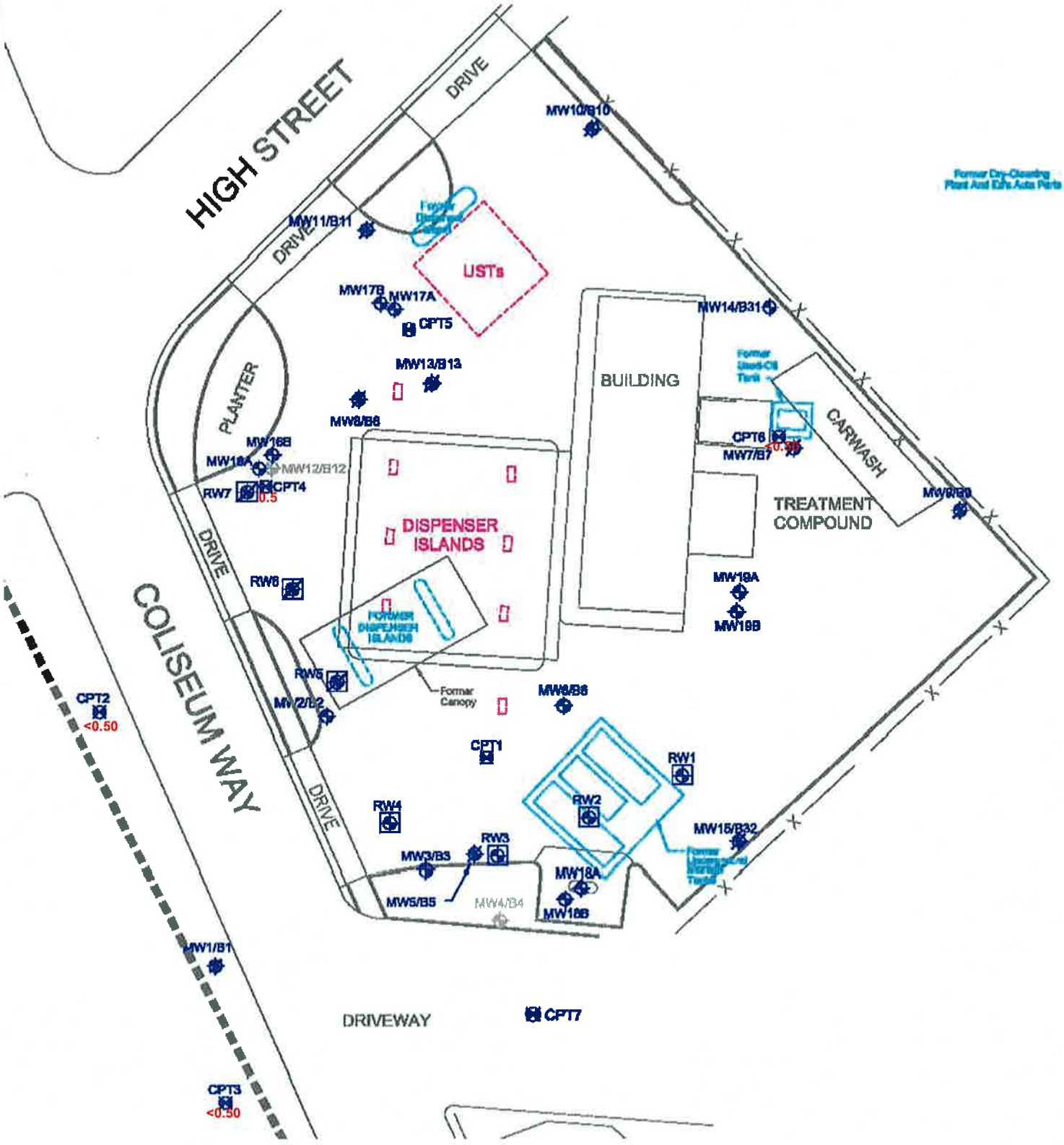
April 2005



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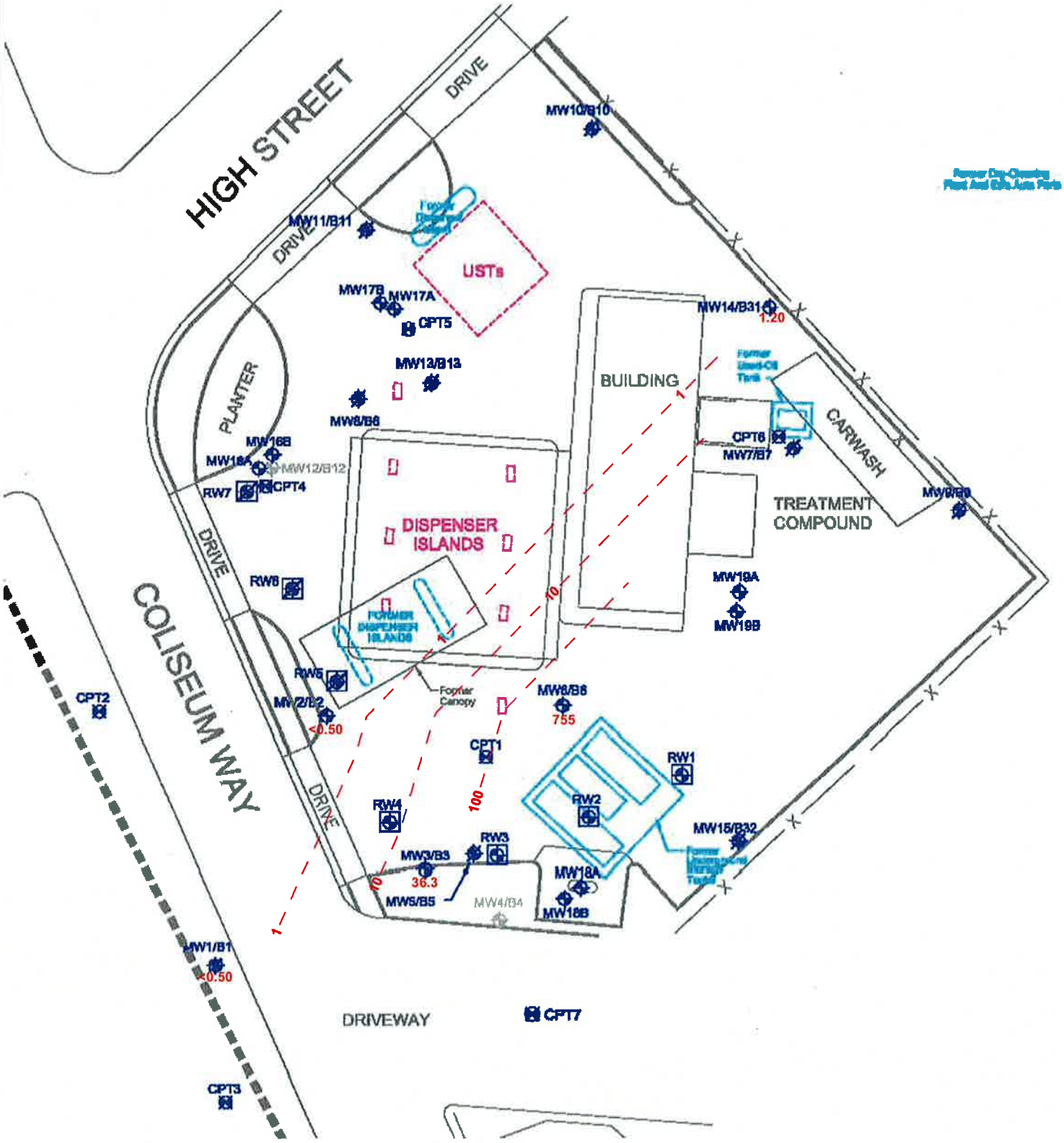

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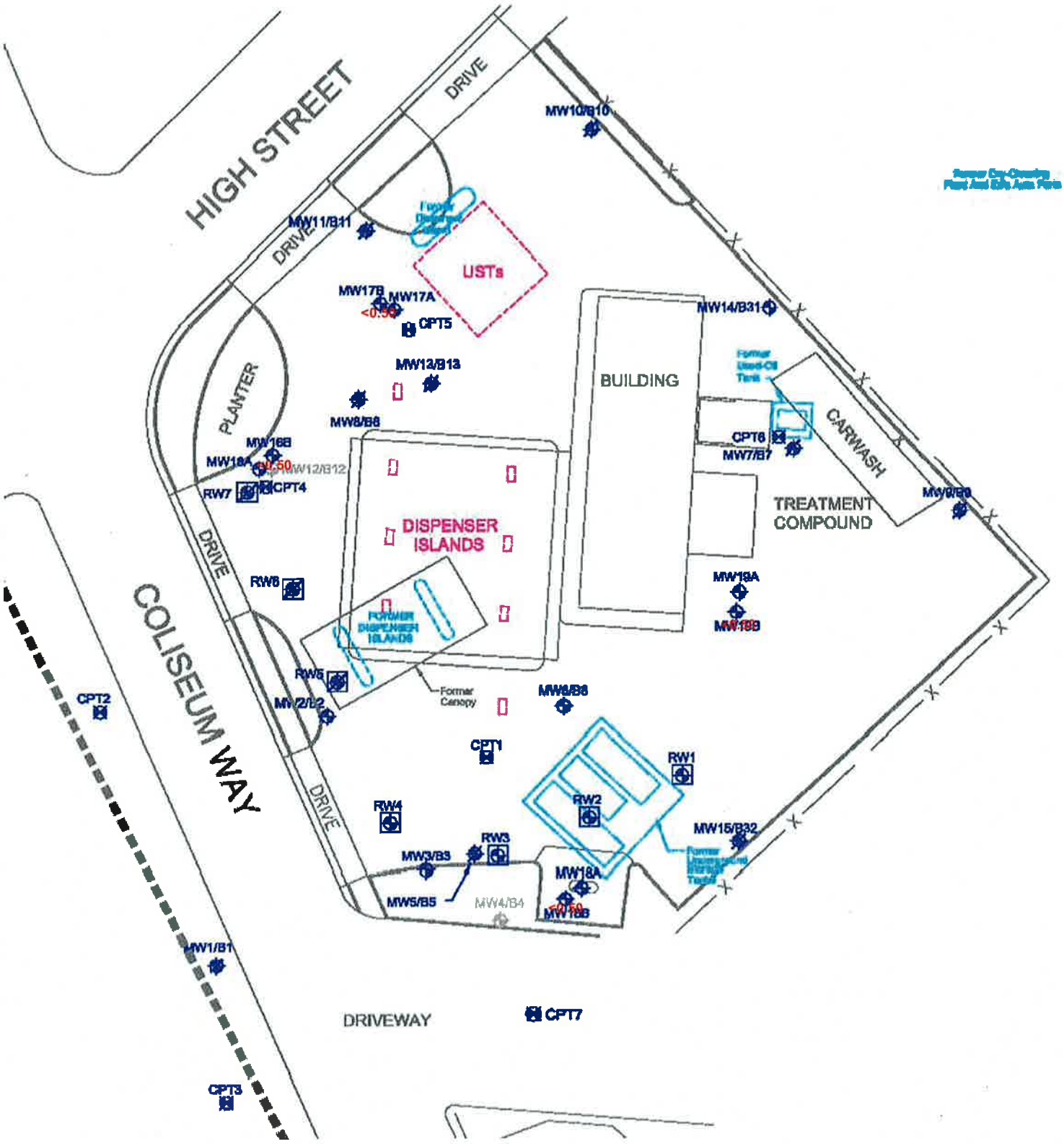

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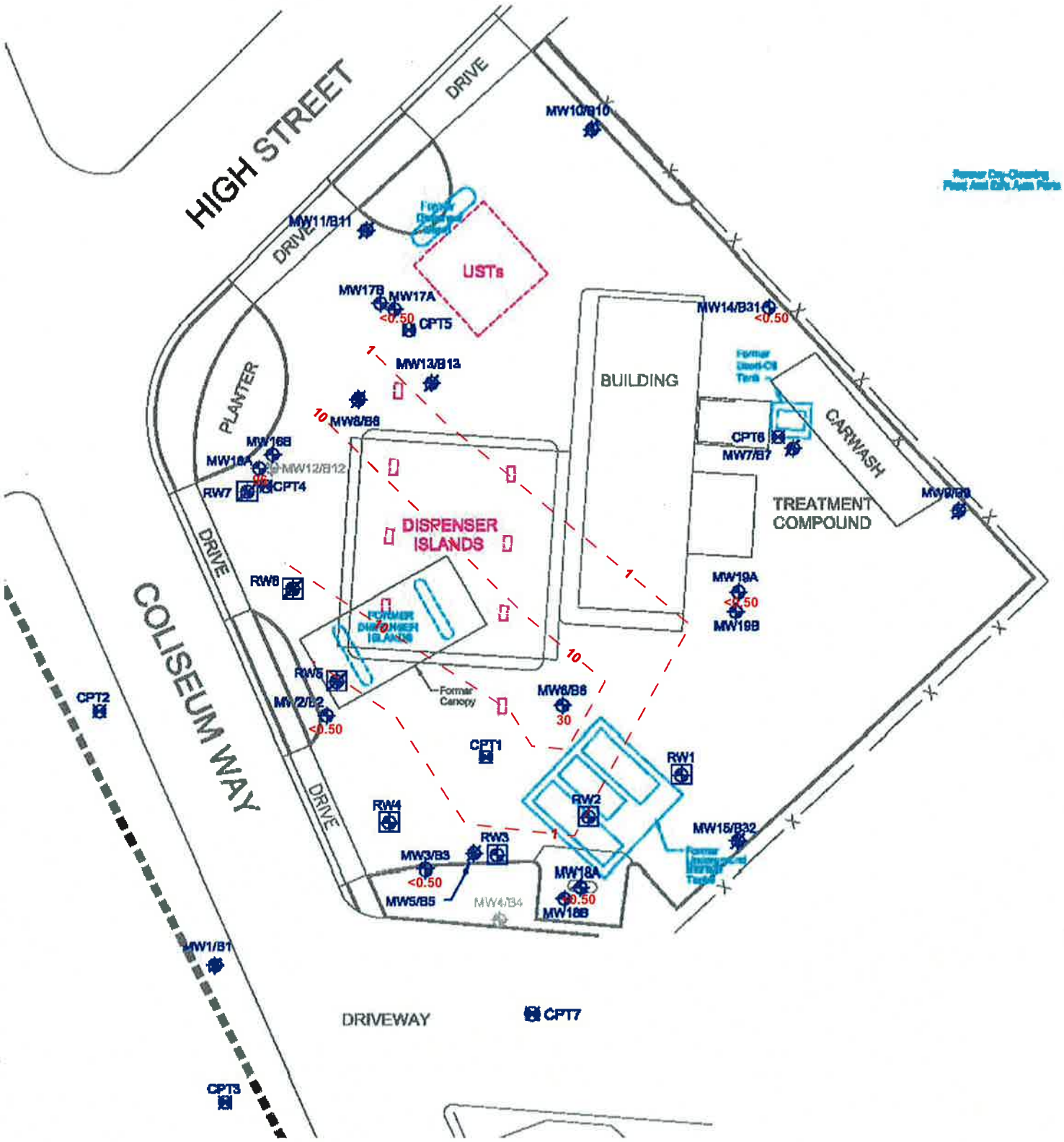

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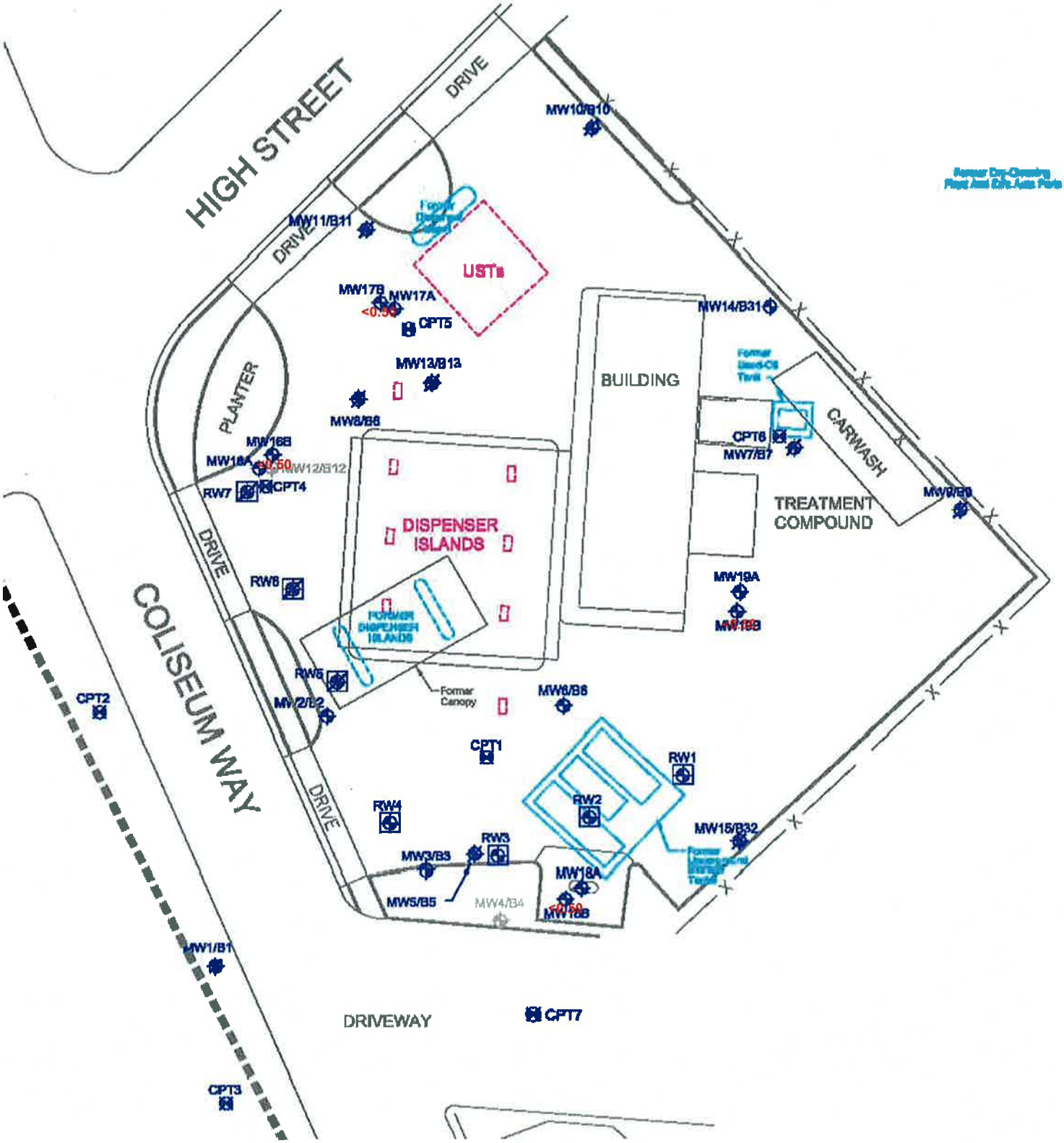

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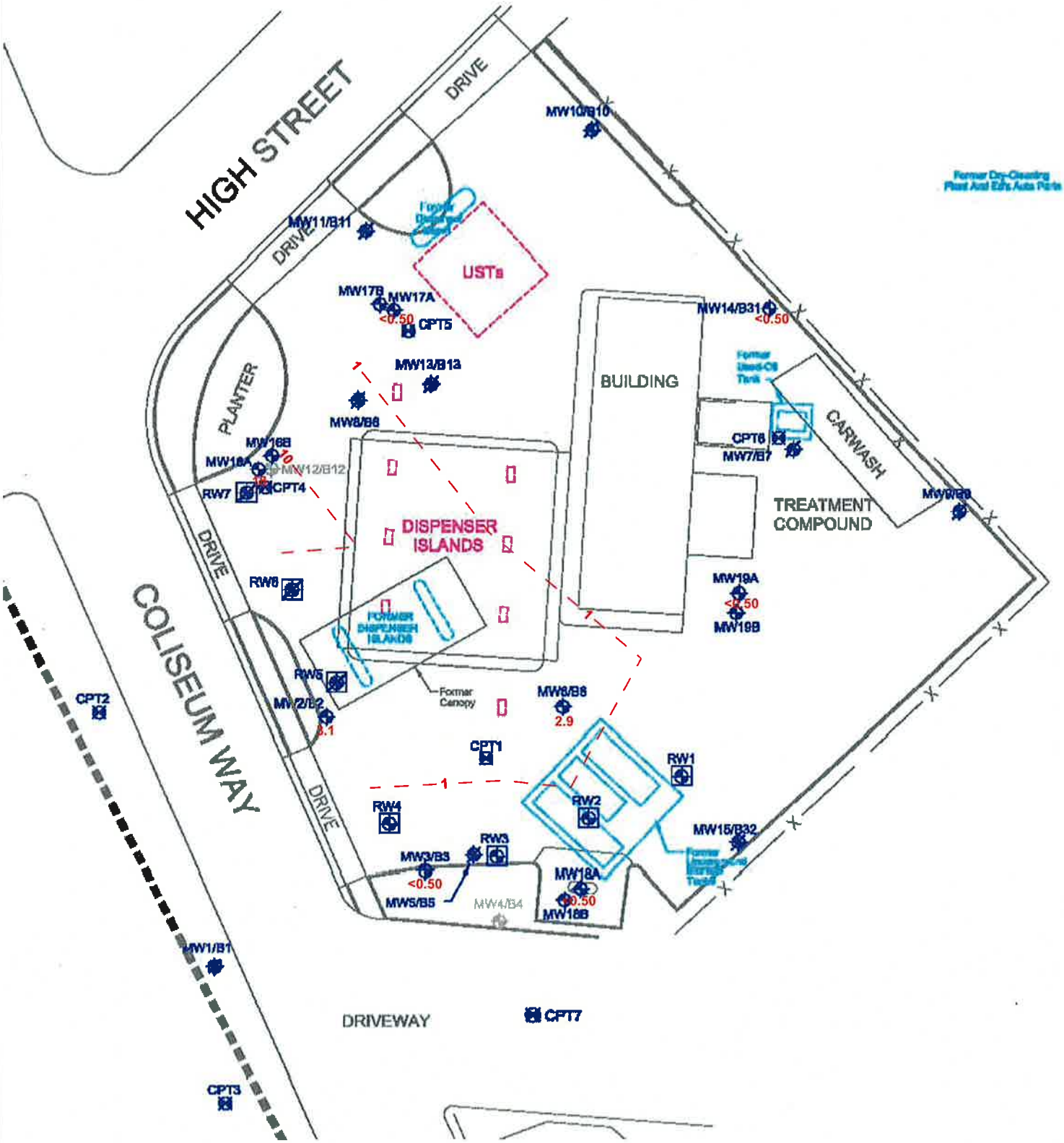

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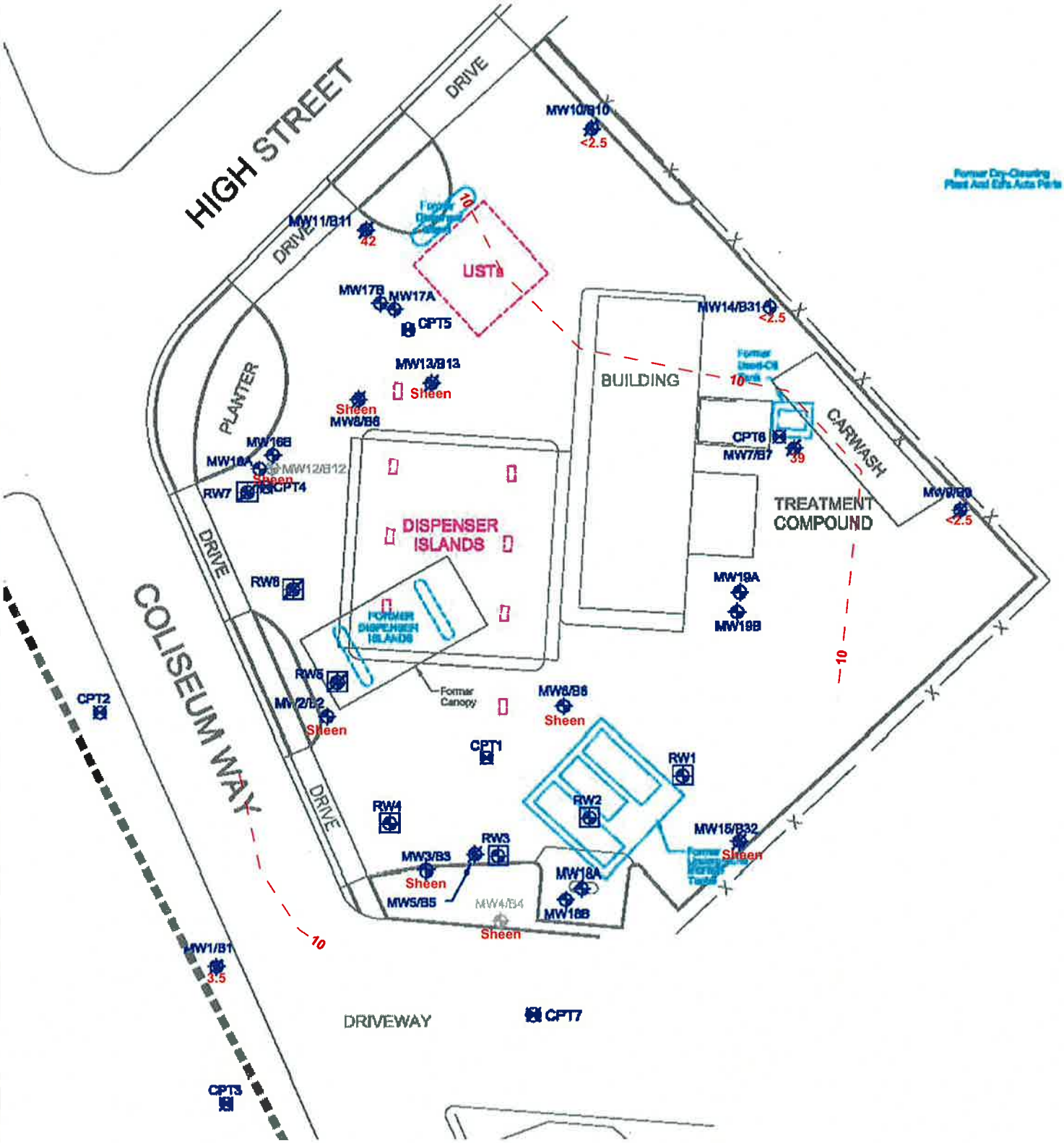

Time-Series Isoconcentration Maps, MTBE
Shallow Water-Bearing Zone
Former Exxon Service Station 73006
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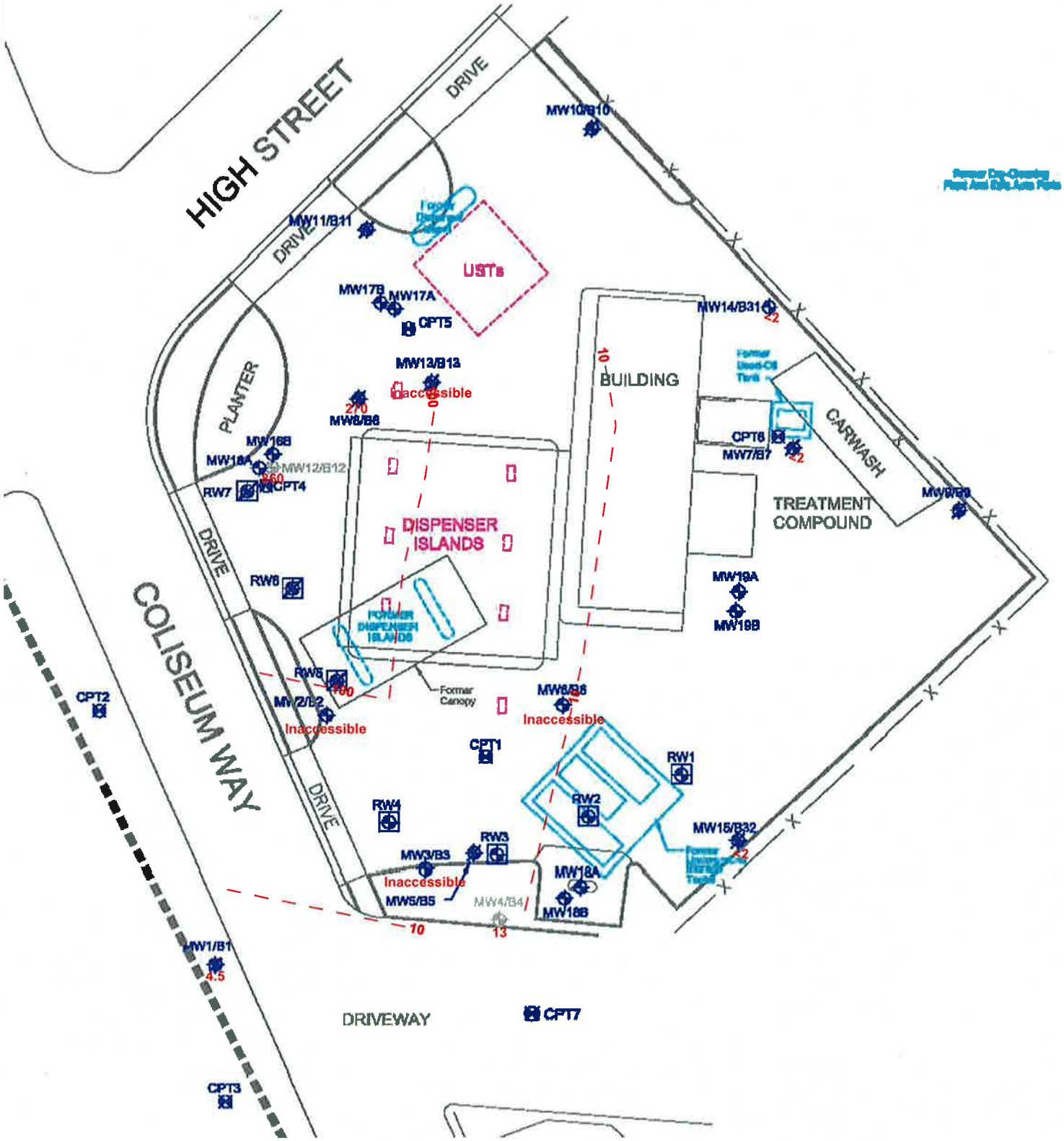
Note: Concentrations in micrograms per liter (µg/L).

March 2000



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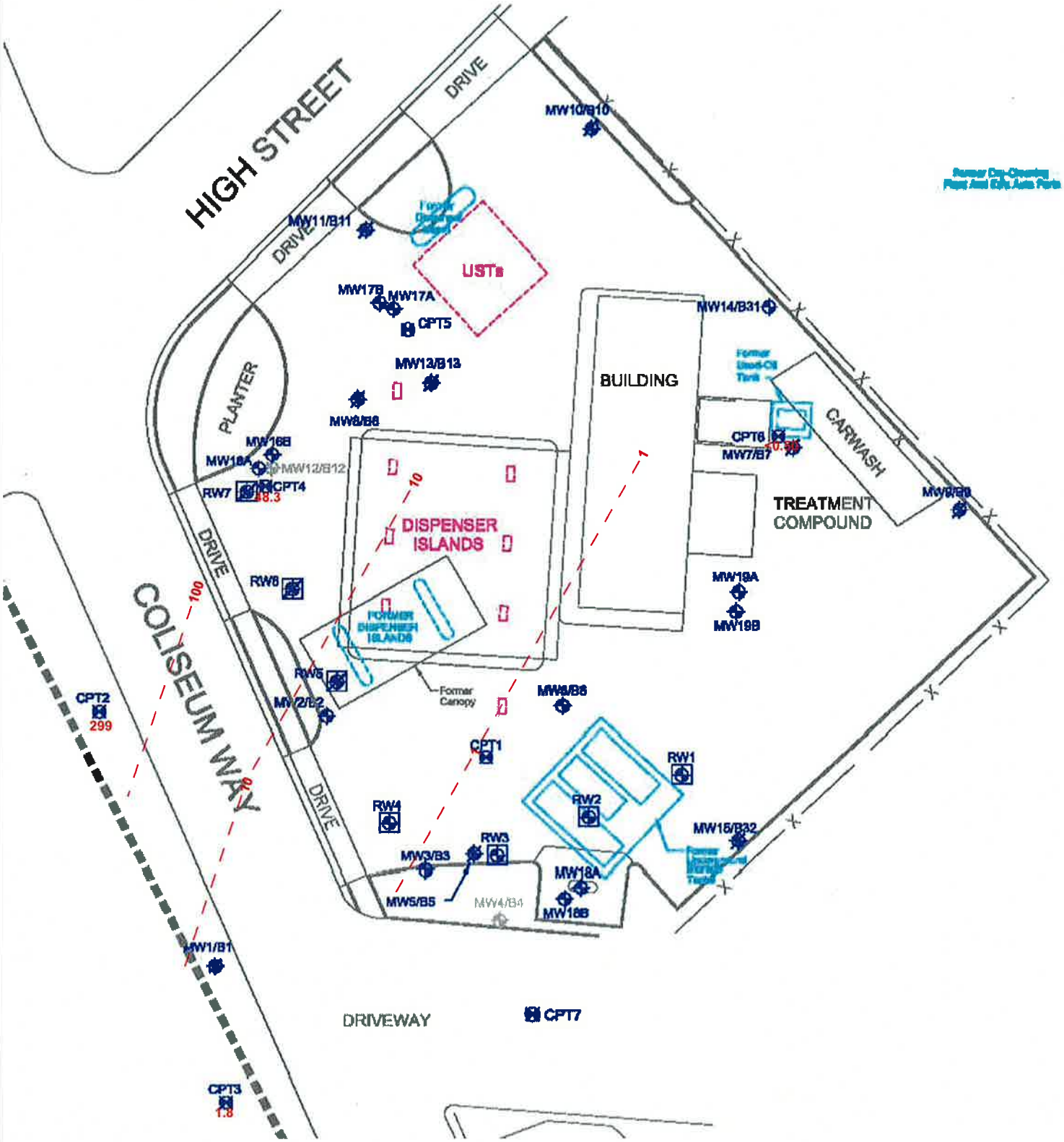

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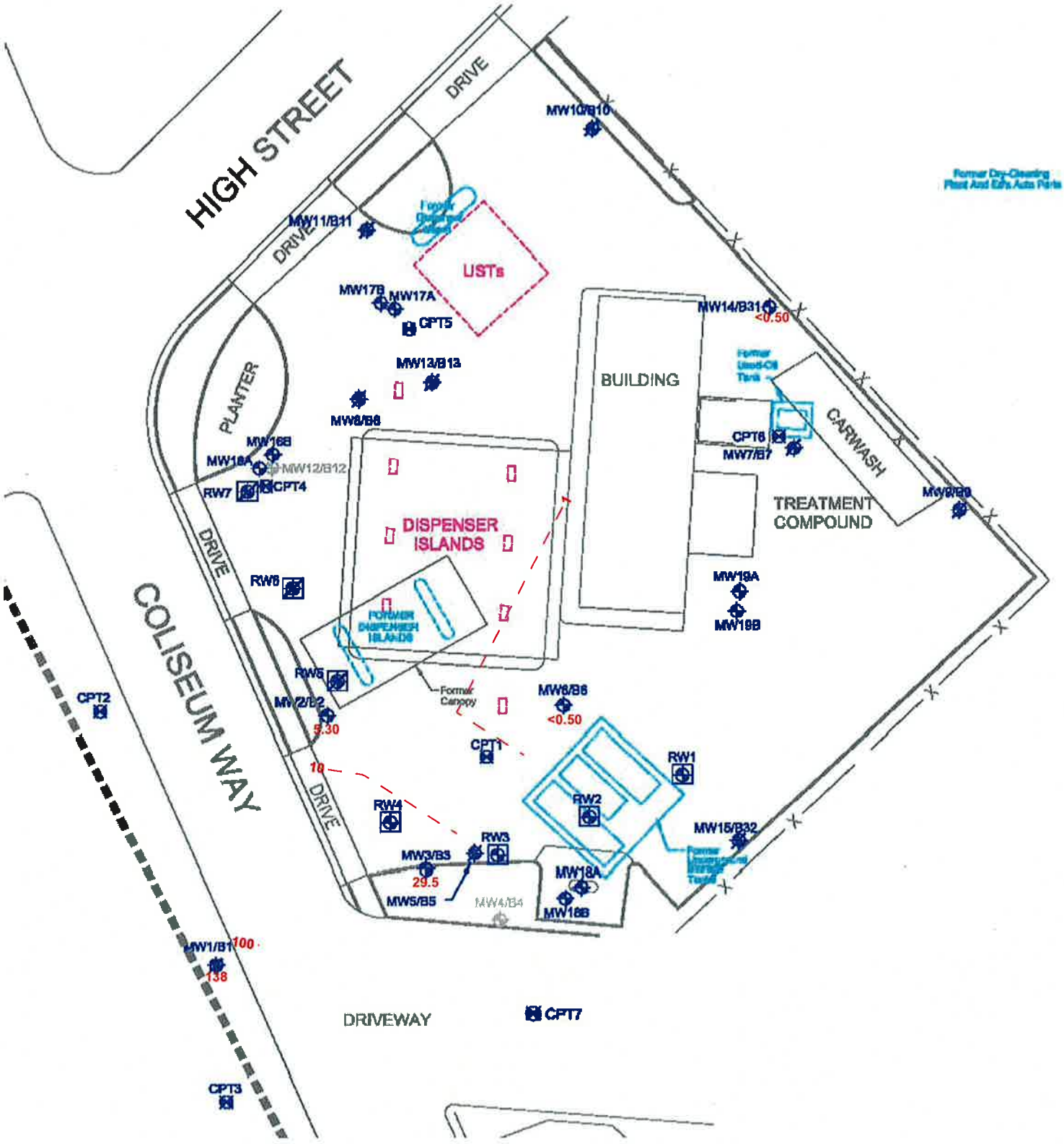

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Shallow Water-Bearing Zone
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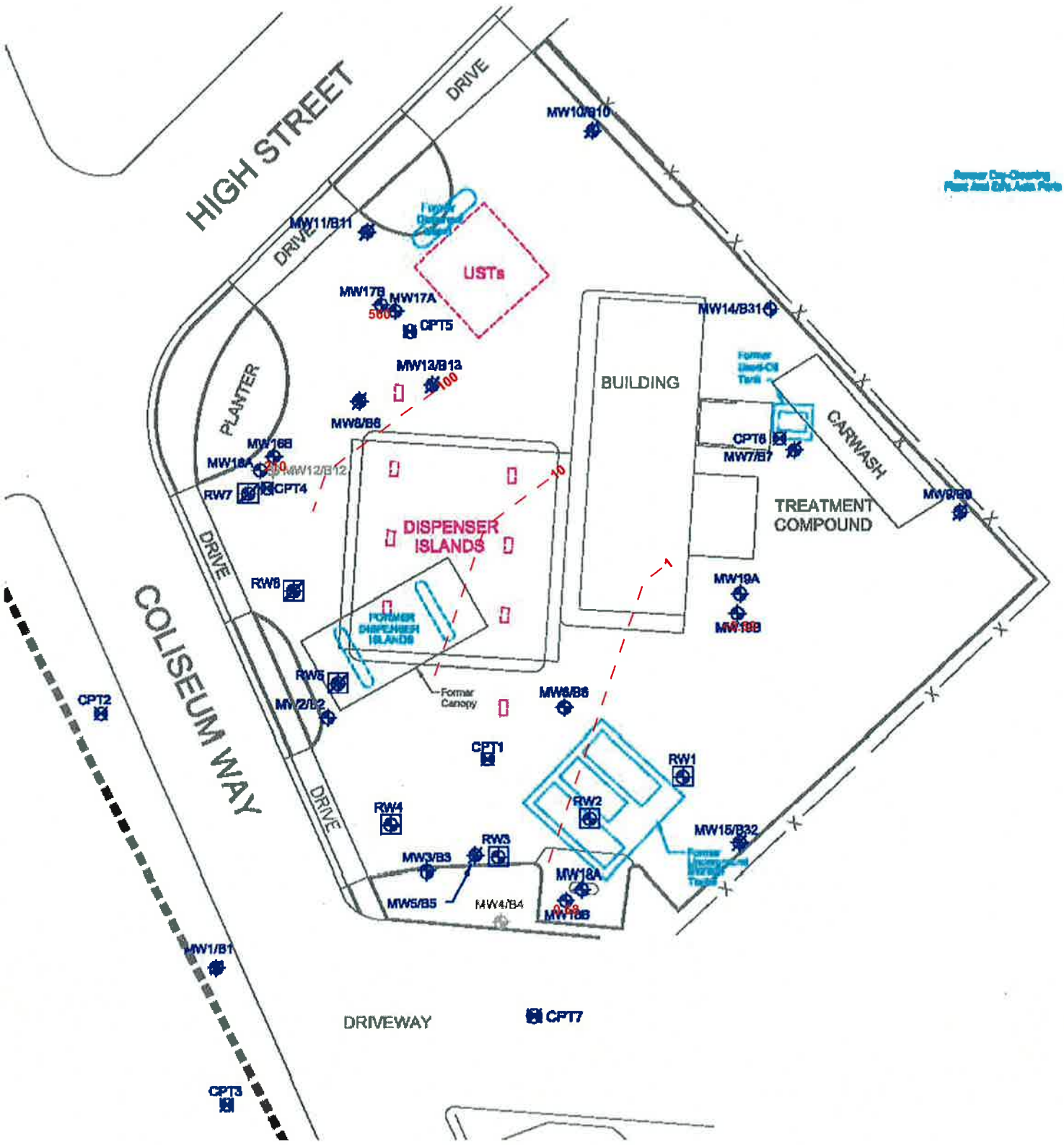

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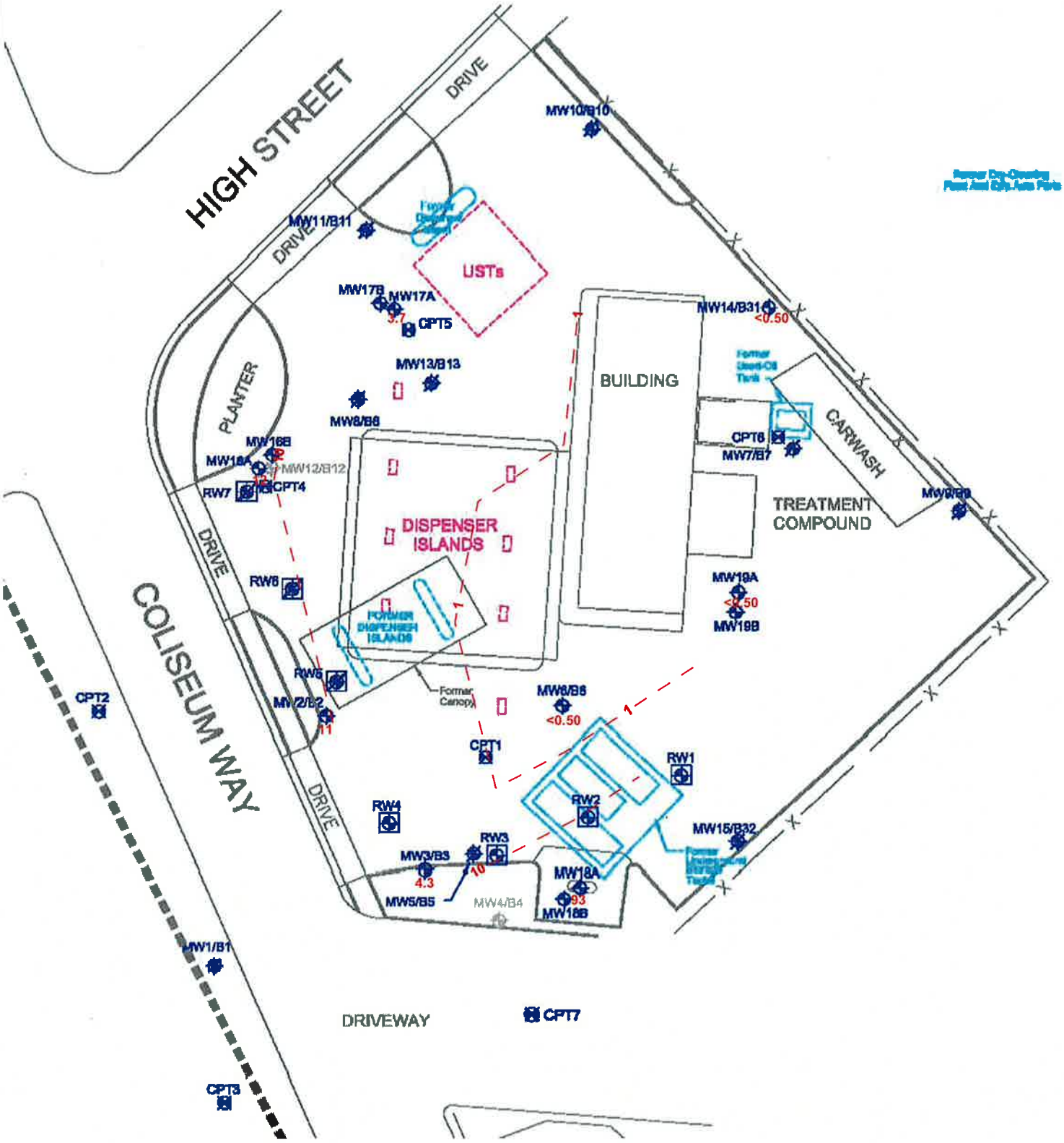

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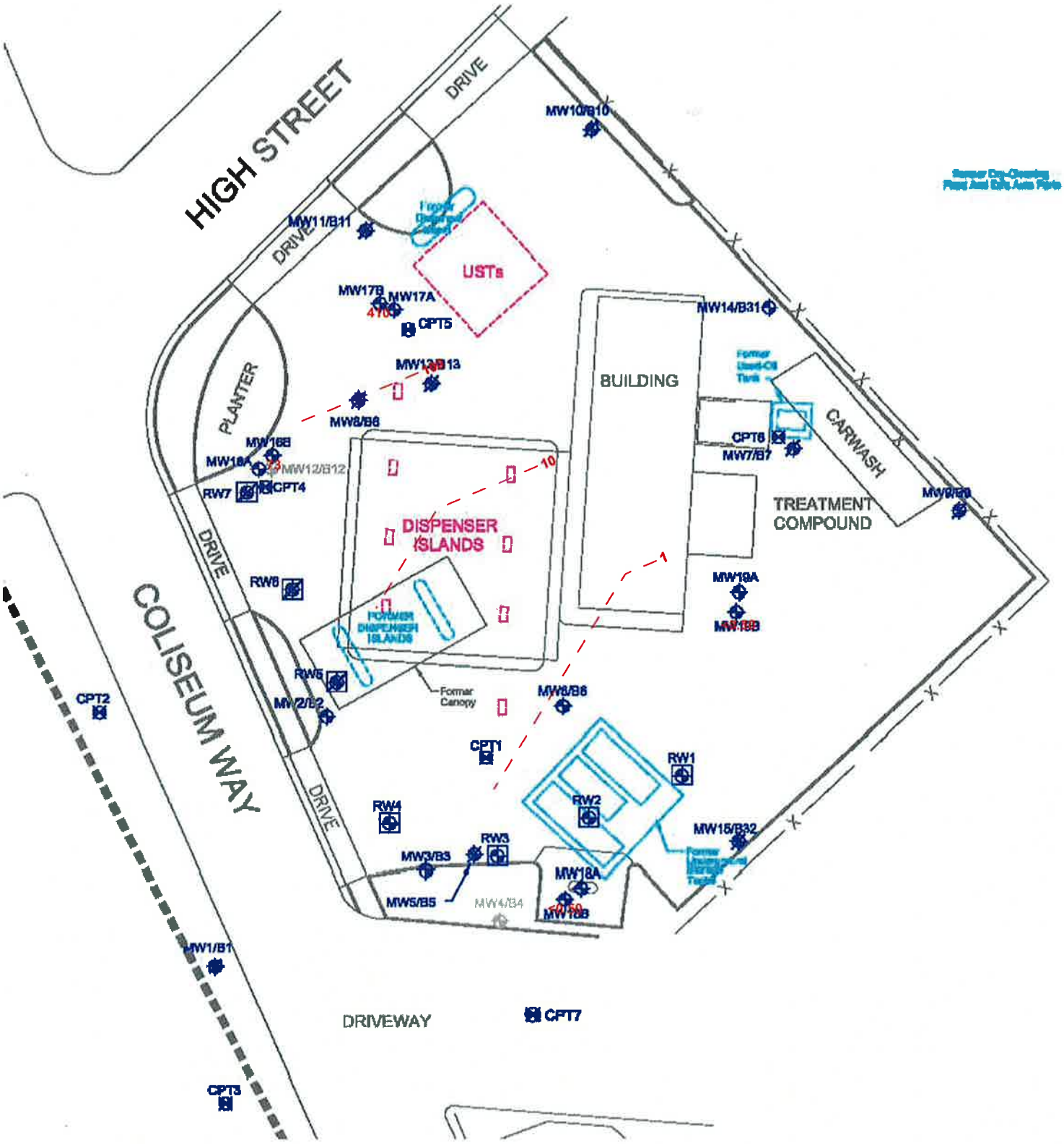

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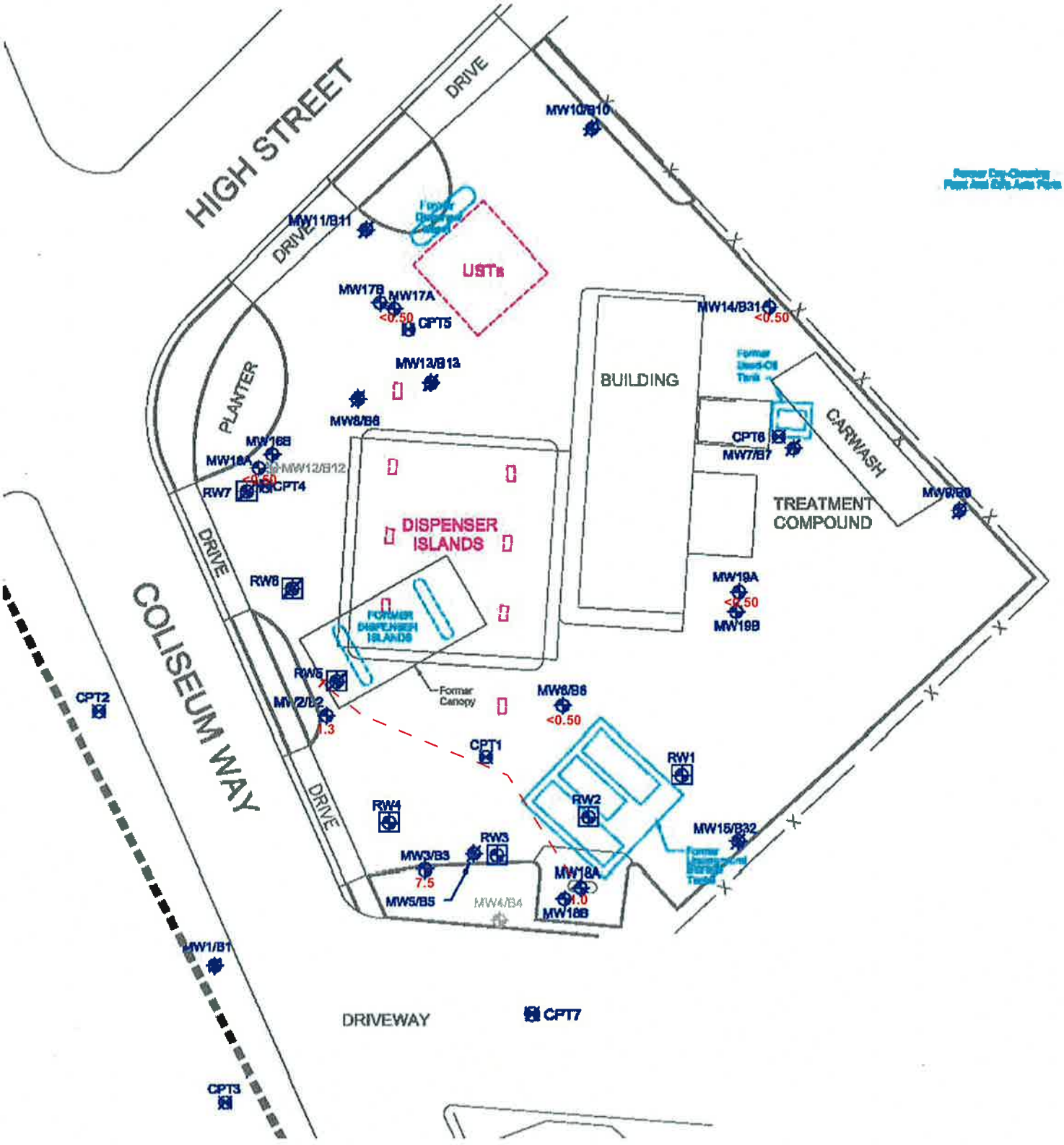
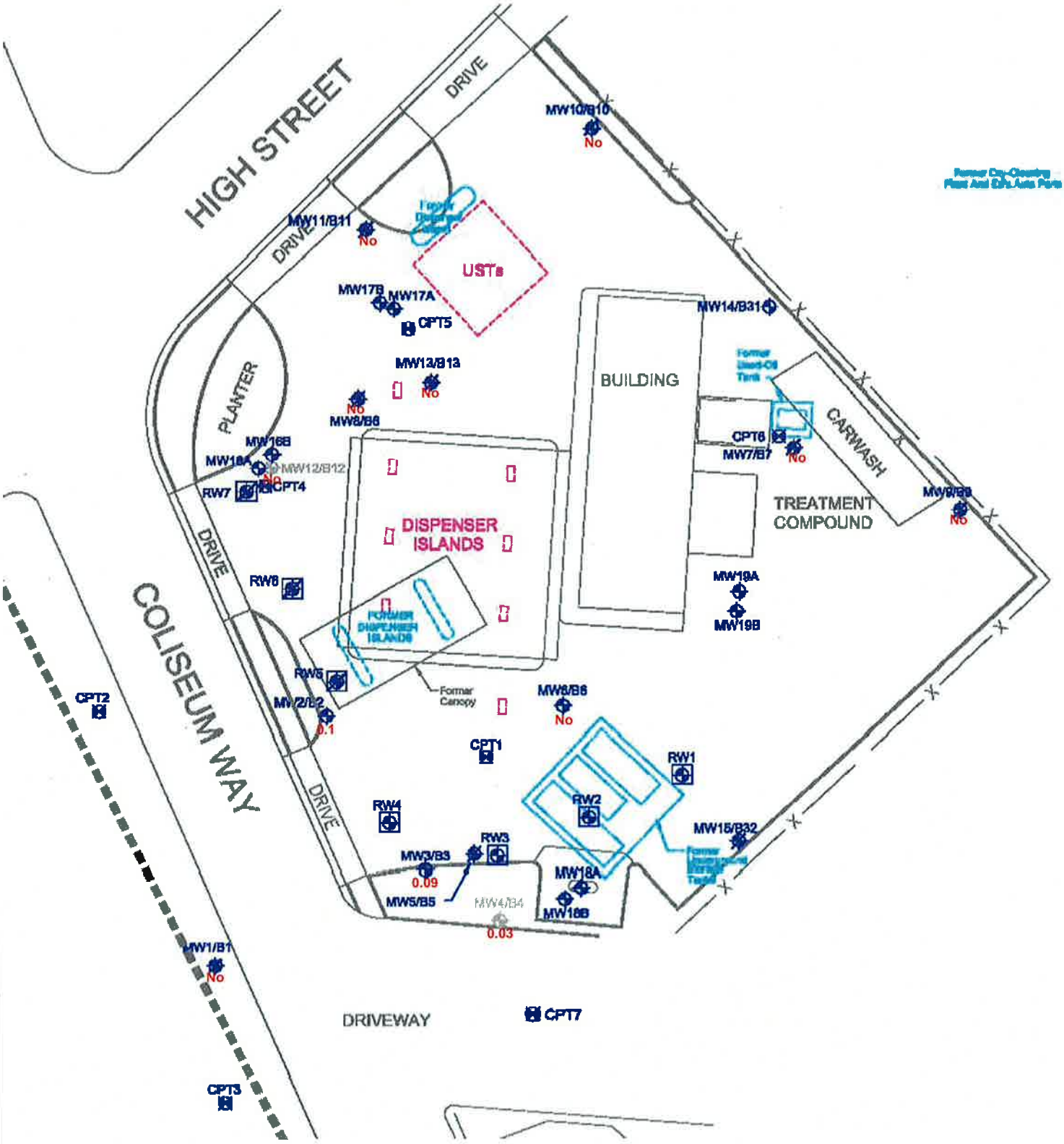


Time-Series Isoconcentration Maps, MTBE
Shallow Water-Bearing Zone
Former Exxon Service Station 73006
720 High Street
Oakland, California

0 50 100 150 200

Note: Measurements in feet.

April 1990

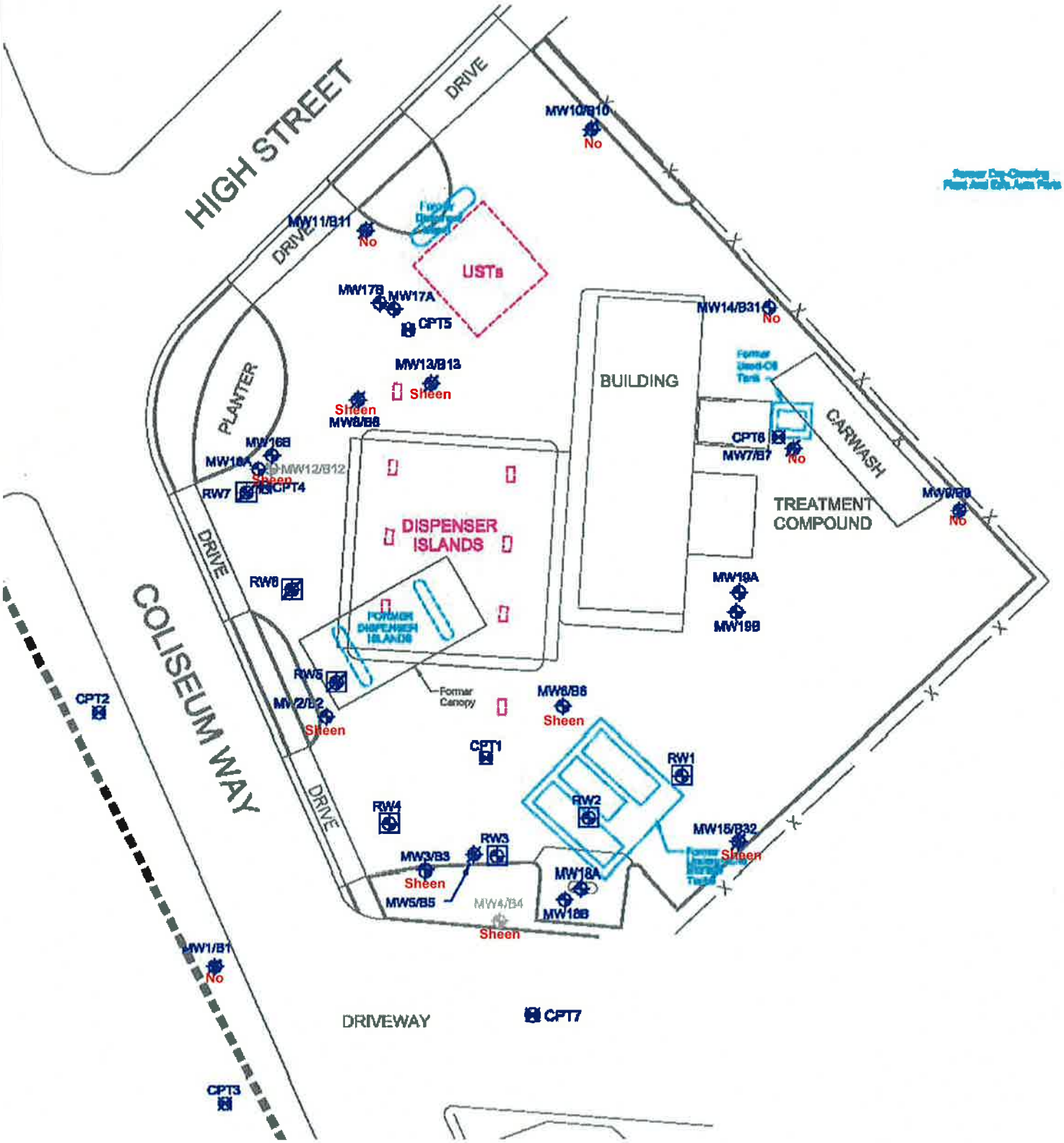


Time-Series Isoconcentration Maps, NAPL
Shallow Water-Bearing Zone
Former Exxon Service Station 73006
720 High Street
Oakland, California

0 50 100 150 200

Note: Measurements in feet.

June 1995

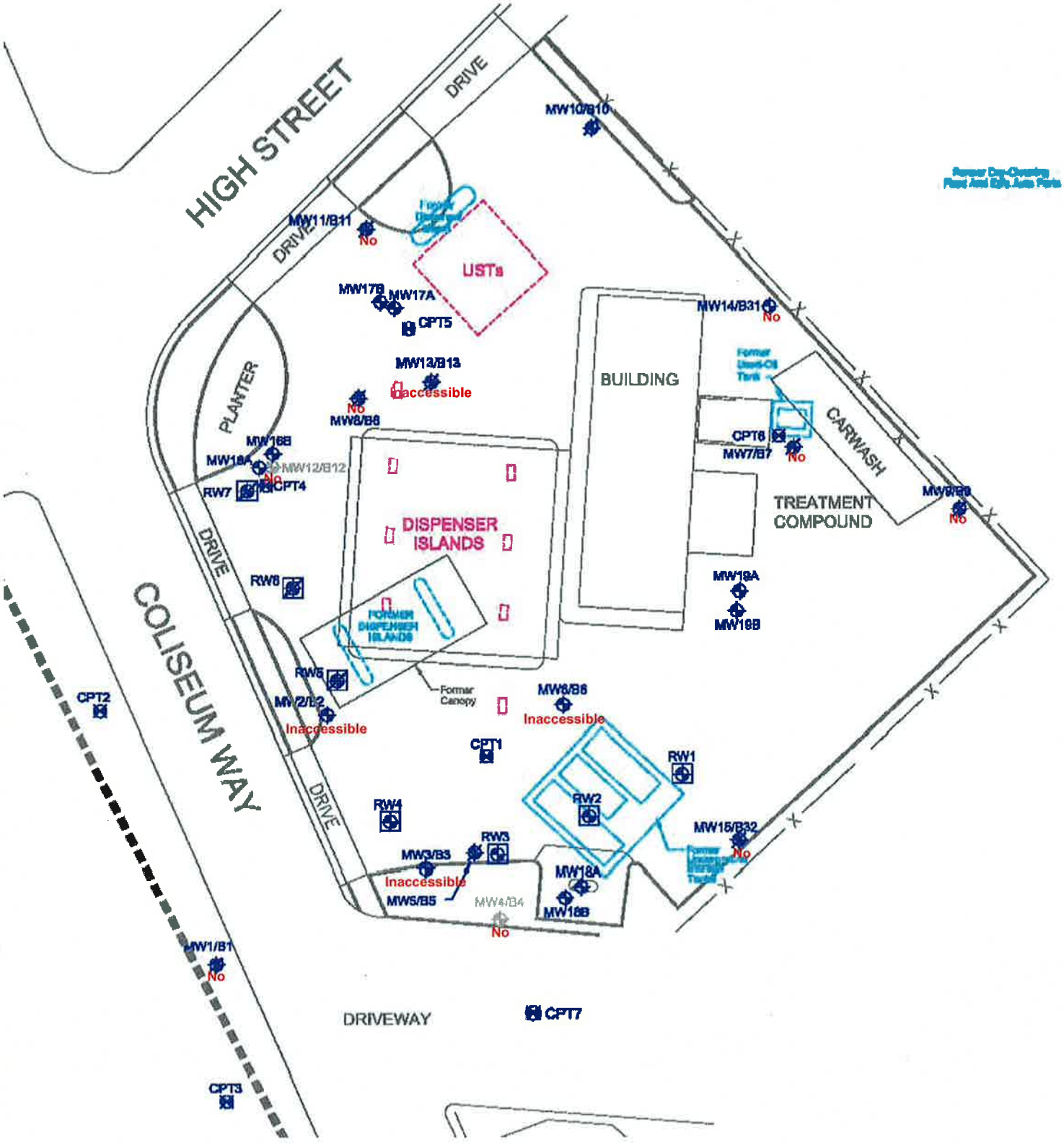


Time-Series Isoconcentration Maps, NAPL
Shallow Water-Bearing Zone
Former Exxon Service Station 73006
720 High Street
Oakland, California

0 50 100 150 200

Note: Measurements in feet.

March 2000

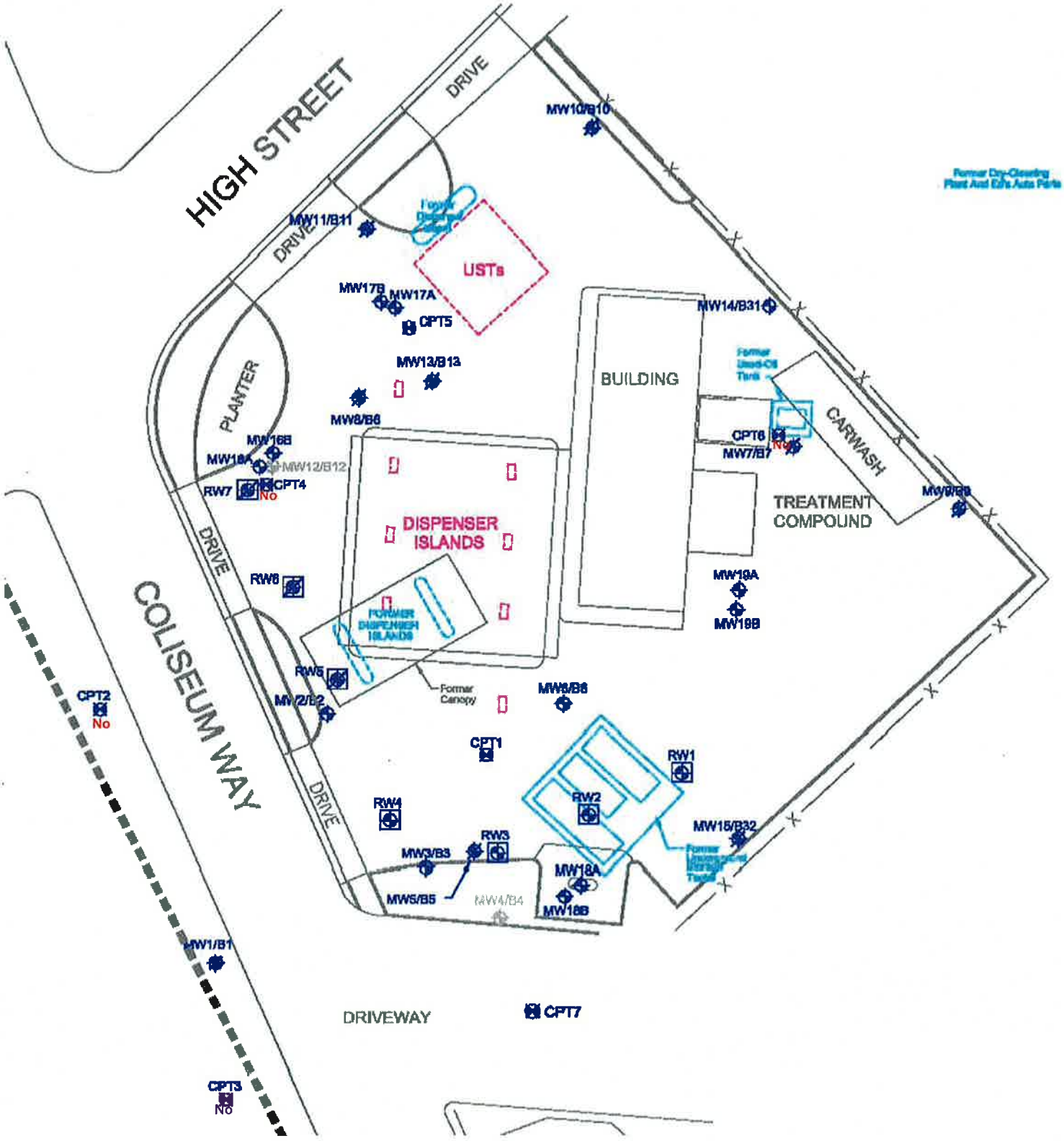


Time-Series Isoconcentration Maps, NAPL
Shallow Water-Bearing Zone
Former Exxon Service Station 73006
720 High Street
Oakland, California

0 50 100 150 200

Note: Measurements in feet.

April 2005

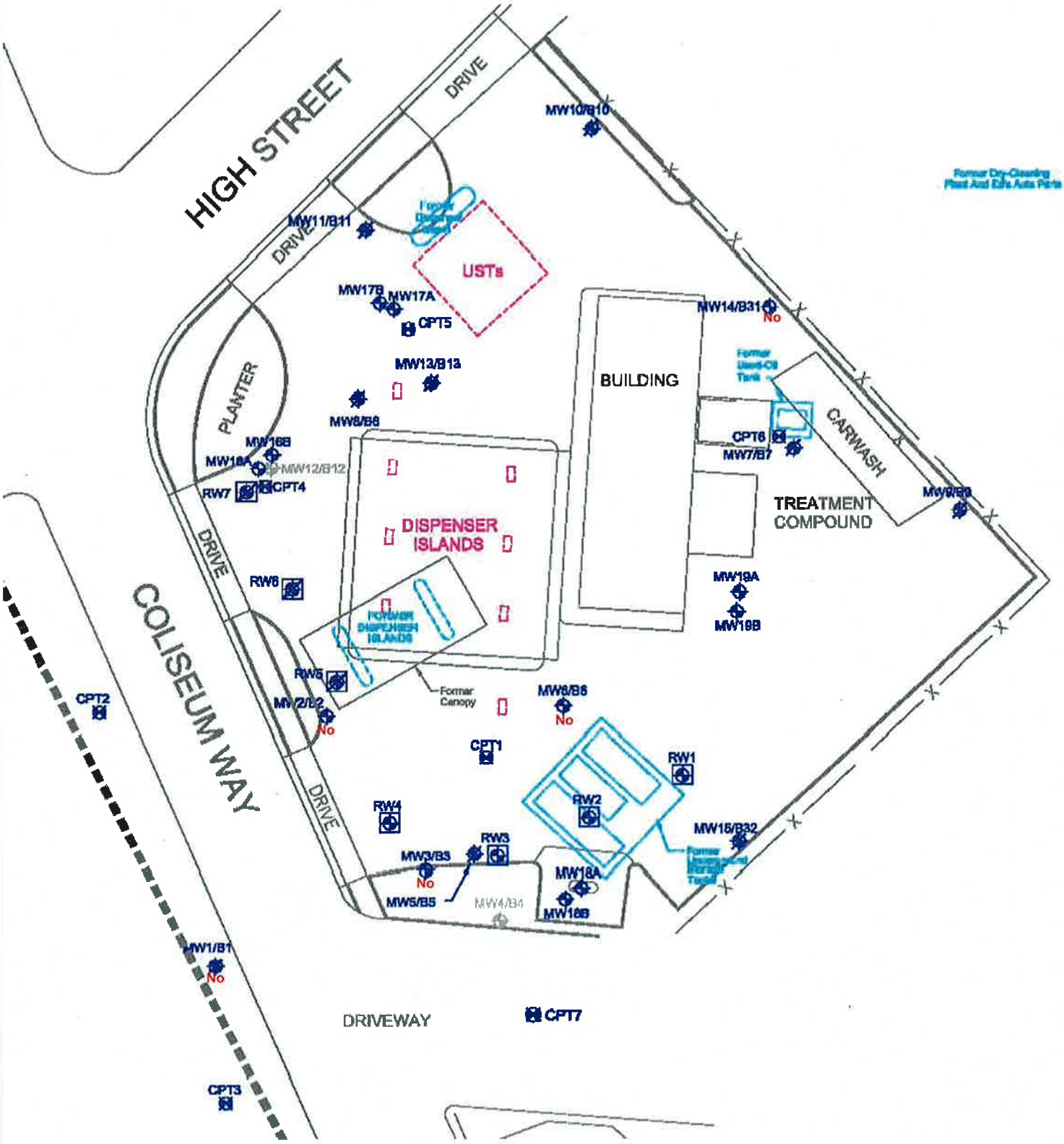


Time-Series Isoconcentration Maps, NAPL
Deep Water-Bearing Zone
Former Exxon Service Station 73006
720 High Street
Oakland, California

0 50 100 150 200

Note: Measurements in feet.

May 2005

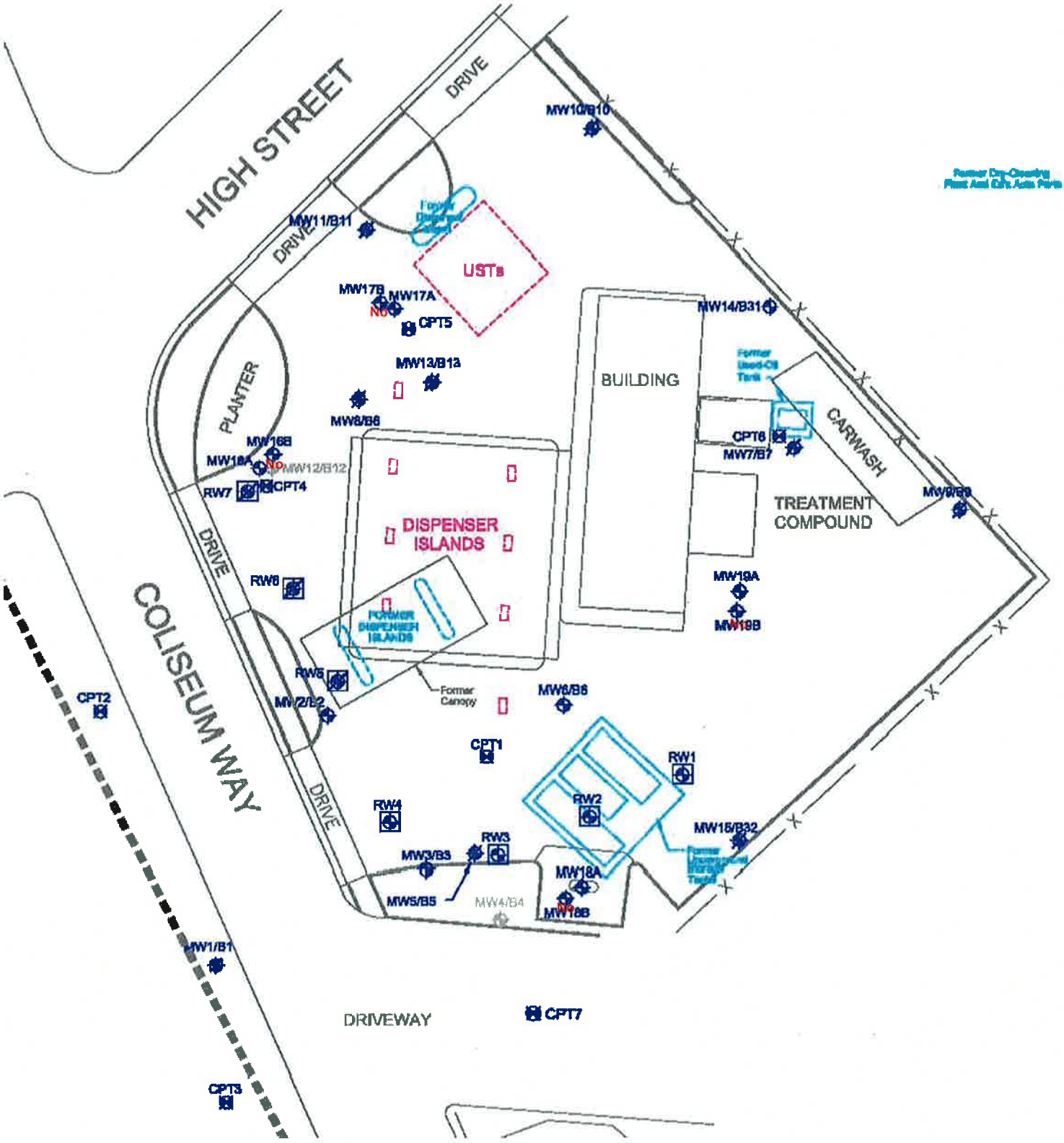


Time-Series Isoconcentration Maps, NAPL
Shallow Water-Bearing Zone
Former Exxon Service Station 73006
720 High Street
Oakland, California

0 50 100 150 200

Note: Measurements in feet.

October 2009

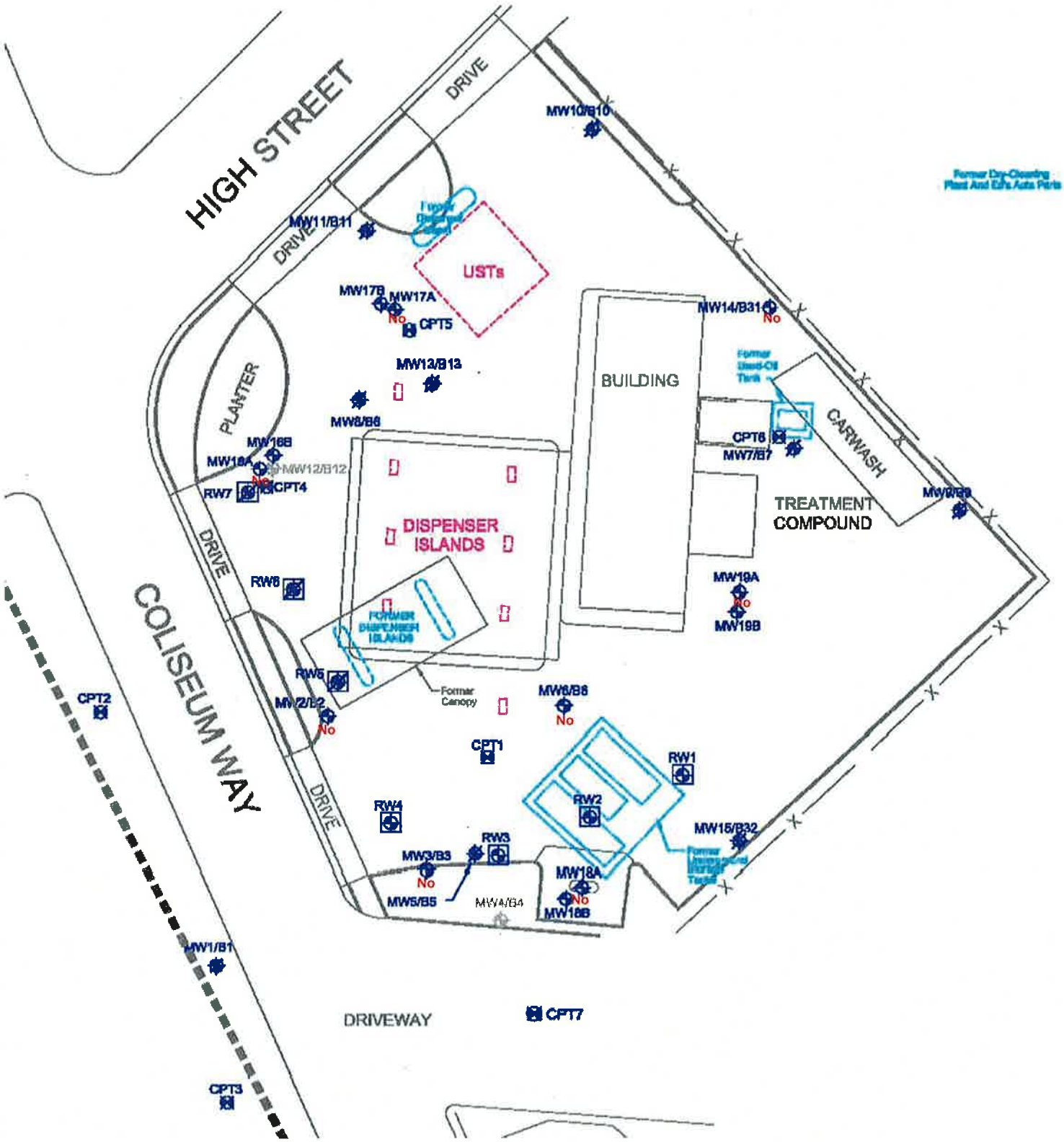


Time-Series Isoconcentration Maps, NAPL
Deep Water-Bearing Zone
Former Exxon Service Station 73006
720 High Street
Oakland, California

0 50 100 150 200

Note: Measurements in feet.

July 2009

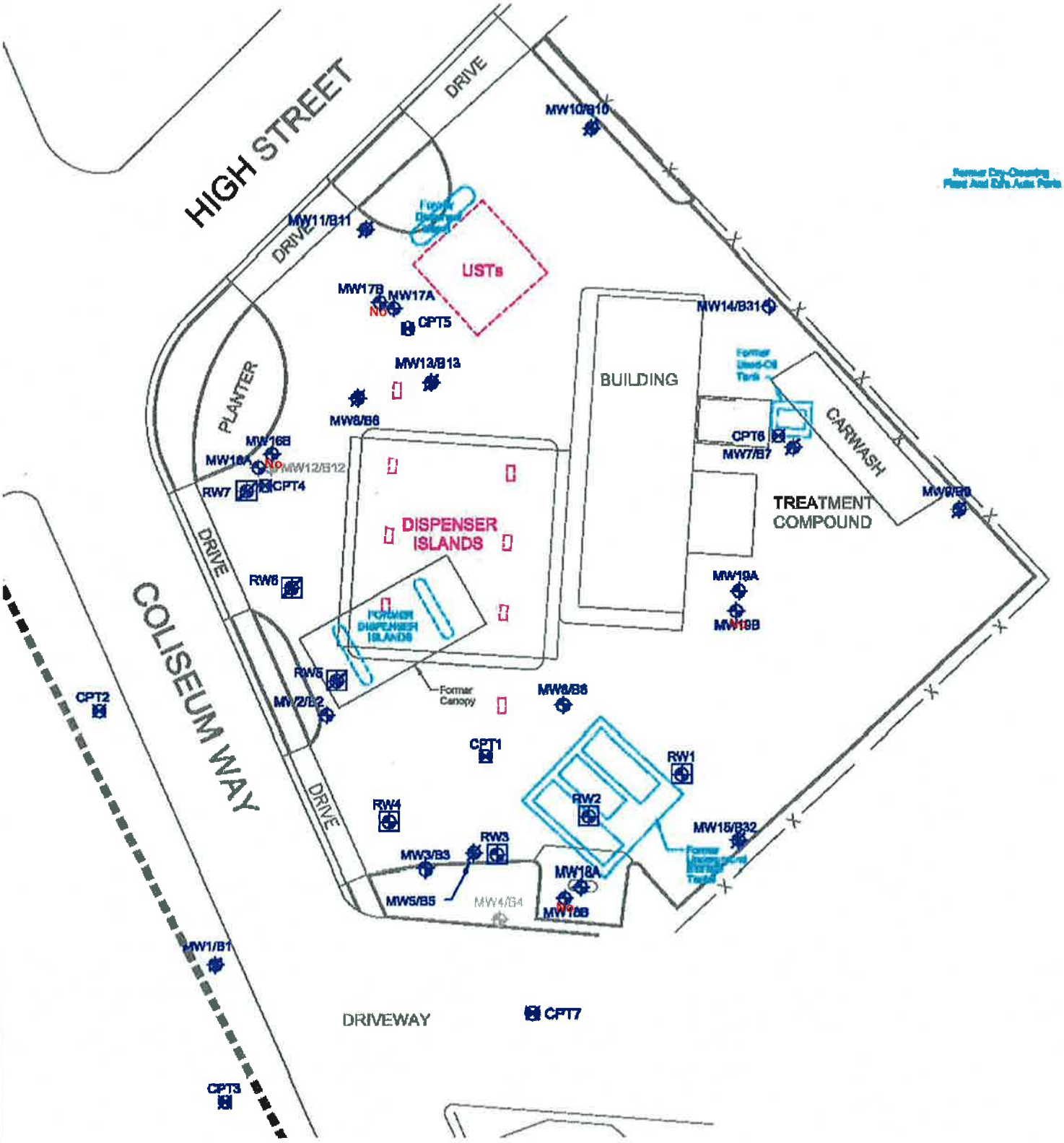


Time-Series Isoconcentration Maps, NAPL
Shallow Water-Bearing Zone
Former Exxon Service Station 73006
720 High Street
Oakland, California

0 50 100 150 200

Note: Measurements in feet.

April 2013

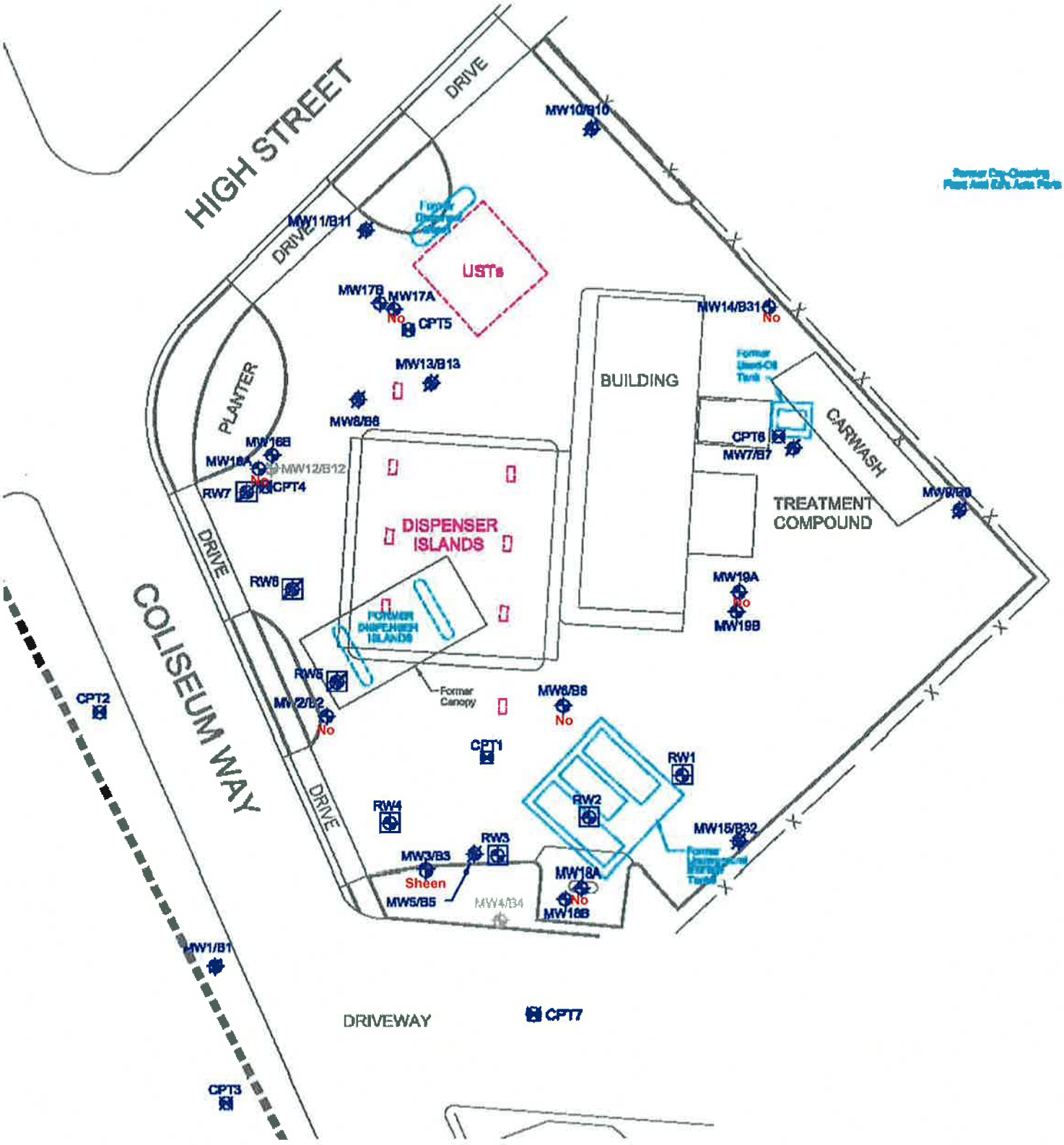


Time-Series Isoconcentration Maps, NAPL
Deep Water-Bearing Zone
Former Exxon Service Station 73006
720 High Street
Oakland, California

0 50 100 150 200

Note: Measurements in feet.

April 2013



Time-Series Isoconcentration Maps, NAPL
Shallow Water-Bearing Zone
Former Exxon Service Station 73006
720 High Street
Oakland, California

0 50 100 150 200

APPENDIX

H

FIELD PROTOCOLS

Cardno ERI

Shaping the Future

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 4° 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.