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ExxonMobil
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May 29, 2007

Mr. Steven Plunkett
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, Room 250
Alameda, California 94502-6577

RE: Former Exxon RAS #7-0235/2225 Telegraph Avenue, Oakland California.

Dear Mr. Plunkett:

Attached for your review and comment is a copy of the letter report entitled ***Site Conceptual Model,*** dated May 29, 2007, for the above-referenced site. The report was prepared by Environmental Resolutions, Inc. (ERI) of Petaluma, California, and details activities at the subject site.

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

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

Sincerely,

Jennifer C. Sedlachek
Project Manager

Attachment: ERI's Site Conceptual Model, dated May 29, 2007

cc: w/ attachment
Mr. Chuck Headlee, California Regional Water Quality Control Board, San Francisco Bay Region
Mr. Robert C. Elhers, M.S., P.E., The Valero Companies, Environmental Liability Management

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

VALUE, QUALITY, RESPONSE

Southern California
Northern California
Pacific Northwest
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Montana

May 29, 2007
ERI 222903.R23

Ms. Jennifer C. Sedlachek
ExxonMobil Refining & Supply-Global Remediation
4096 Piedmont Avenue #194
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SUBJECT Site Conceptual Model
Former Exxon Service Station 7-0235
2225 Telegraph Avenue, Oakland, California

Ms. Sedlachek:

At the request of Exxon Mobil Corporation (Exxon Mobil), Environmental Resolutions, Inc. (ERI) prepared this Site Conceptual Model (SCM) report for the subject site. Specifically, this report provides a summary of site history, a summary of remedial measures performed at the site, a summary of site geology and hydrogeology, an assessment of soil and groundwater data, results of an update to the existing sensitive receptor survey (SRS), and recommendations for future investigations. This SCM report was prepared in response to a letter from the Alameda County Health Agency, Department of Environmental Health (the County), dated January 11, 2006, and subsequent conversations and electronic correspondence with the County (Attachment A).

SITE BACKGROUND

Site Location and Land Use

The site is located on the southwestern corner of West Grand Avenue and Telegraph Avenue in Oakland, California (Plate 1). The site gently slopes to the southeast towards Lake Merritt and the Oakland/ Alameda Inner Harbor. Lake Merritt is located approximately 2,100 feet east-southeast of the site. The Oakland/Alameda Inner Harbor is located approximately 6,800 feet southwest of the site.

Land use in the vicinity of the site is mixed-use commercial/industrial and residential (Plate 2). To the east, across Telegraph Avenue, is a Chevron service station and to the northeast, across Telegraph Avenue, is former Beacon service station. To the north across West Grand Avenue is a parking lot, Buddhist Association building, and a fast food restaurant, and to the west adjacent to the site is a two-story residential apartment building. To the south, adjacent to the site is the First Baptist Church.

Site History and Previous Investigations

Texaco Refining and Marketing, Incorporated (Texaco) operated a service station at the site from 1963 until 1988 when the site property was transferred to Exxon Mobil. Exxon Mobil sold the site to Valero Refining Company (Valero) in 2000. In 2001, Valero sold the site to Mr. Lam Truong who currently owns and operates the station and dispenses three grades of gasoline and diesel. The locations of the former and current USTs, dispenser islands, groundwater monitoring wells, and select site features are shown on Plate 3. Groundwater monitoring has been conducted at the site since June 1988.

A summary of site activities at the site follows.

May 1988	Texaco retained Harding Lawson Associates (HLA) to oversee environmental assessment activities at the subject site (HLA, 1989). HLA conducted a sensitive receptor survey.
June – July 1988	HLA observed the installation of four groundwater monitoring wells (MW6A through MW6D) to approximately 20 feet bgs (HLA, 1988).
September 1988	HLA observed Tracer Research Corporation advance seven soil-gas probes. Four soil-gas samples and one water sample were collected and analyzed on site using a mobile laboratory (HLA, 1989). The maximum concentrations of total petroleum hydrocarbons (TPH) and benzene in soil-gas were reported in sample SG03 at 6,100 micrograms per liter (µg/L) and 10 µg/L, respectively.
October - November 1988	HLA observed the advancement of nine off-site soil borings (B1 through B9). Five of the borings (B5 through B9) were completed as groundwater monitoring wells MW6E through MW6I (HLA, 1989).
December 1988 – June 1989	HLA performed slug tests on three wells (MW6D, MW6E and MW6H). The hydraulic conductivity was reported at between 1.2 to 5.9 ft/day (HLA, 1989).
1990	HLA installed three recovery wells (RW1, RW2, and RW3). Well RW1 was installed at the same location as boring B3. Wells MW6C and MW6D were drilled out and deepened to 25 feet and completed as groundwater recovery wells RW3 and RW2, respectively (HLA, 1990).
1991	Recovery well RW3 was destroyed (HLA, 1992).
March 1991	Alton Geoscience Inc. (Alton) drilled and sampled 10 exploratory borings (B1 through B10) (Alton, 1991)
November 1991	EA Engineering, Science and Technology (EA) observed the removal and replacement of three single-walled USTs and associated piping from the subject site. The tanks were replaced with double-walled FRP tanks and piping (EA, 1992).
November 1991	Two vapor extraction wells were installed in the backfill of the new tank field during retrofit operations (HLA, 1992).
1992	Groundwater monitoring well MW6A was destroyed. Recovery well RW3A was installed to replaced well RW3 (ERI, 2002).
March 1998	Exxon Mobil acquired responsibility for the environmental case at the site upon property transfer from Texaco (ERI, 2002).
March 2000	ERI observed Vironex Environmental Field Services advance two direct-push soil borings (GP1 and GP2) to approximately 23 feet below ground surface (fbgs) (ERI, 2000).
April 2001	ERI observed Gregg Drilling and Testing Inc. install one groundwater monitoring well (MW6J) to approximately 23 fbgs (ERI, 2001a).
September 2001	ERI performed a continuous (24 hr/day) nine-day dual-phase extraction (DPE) pilot test at the subject site. ERI estimated that a total of approximately 187.5 pounds of total petroleum hydrocarbons as gasoline (TPHg) and 2.36 pounds of methyl tertiary butyl ether (MTBE) were removed during the DPE feasibility test. A total of 0.329 pounds of TPHg, and 0.0374 pounds of MTBE were removed by groundwater extraction during the

DPE test. The effective vacuum radius of influence (ROI) was calculated at less than 20 feet, and a total of 9,000 gallons of groundwater was extracted and treated during the nine-day DPE test. The average extraction rate for the test was 1.06 gallons per minute (gpm) (ERI, 2001b)

October 2002 ERI conducted an underground utility survey in the vicinity of the site. The utility agencies that responded to ERI's request for information include: Pacific Gas and Electric (PG&E), City of Oakland Engineering Services Department, and East Bay Water. Per individual agency policies, depths of gas, electric, and water trenches were not provided to ERI. The elevation of the sewer trench along Telegraph Avenue is estimated at 13 feet above mean sea level (msl) (ERI, 2002).

March 2007 ERI advanced and sampled five soil borings (B5 through B9) to further define the extent of petroleum hydrocarbons in soil and groundwater south and southwest of the site. Subsurface utility pipes were discovered during clearance activities at locations B5, B5R, and B6, and the locations were abandoned. Although a subsurface utility pipe was not encountered at boring B8, the trend of the pipe discovered at borings B5R and B6 suggested close proximity to the boring; therefore, the boring was advanced to a depth of 14.0 fbgs by use of a hand auger. Soil borings B7 and B9 were advanced to 26 fbgs and 29 fbgs, respectively, using a direct-push drill rig (April, 2007b).

Currently there are seven groundwater monitoring wells (MW6B and MW6E through MW6J) and three groundwater extraction wells (RW1, RW2, and RW3A) on and in the vicinity of the site as shown on Plate 3.

Laboratory analytical results for groundwater samples collected from the wells indicate the presence of TPHd; TPHg; total petroleum hydrocarbons as motor oil (TPHmo); MTBE; tertiary butyl alcohol (TBA); and benzene, toluene, ethylbenzene, and total xylenes (BTEX). Groundwater monitoring and sampling data (1988 to present) are summarized in Tables 1A and 1B. The most recent groundwater elevation data (January 19, 2007) and a rose diagram are shown on Plate 4. Well construction details are summarized in Table 2. Soil sample analytical results are summarized in Tables 3A, 3B, and 3C. Grab groundwater results are summarized on Tables 4A, 4B, and 4C. Soil-gas results are summarized in Table 5.

Remedial Measures

Remedial efforts at the site have included excavation and operation of a groundwater extraction system.

Excavation

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

Approximately 1,000 cubic yards of soil were excavated, when the product USTs, used-oil UST, and the product lines were removed and the UST pit was enlarged to accommodate larger new USTs. The excavated soil was stockpiled on site, characterized, and then transported off site for disposal at a Chemical Waste Management, Inc. Kettleman City, Class II landfill (EA, 1992).

Remediation System Operation

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

Regional Geology and Hydrogeology

The site is located along the eastern margin of the San Francisco Bay within the East Bay Plain (Hickenbottom and Muir, 1988). The surficial deposits in the site vicinity are mapped as Merritt sand consisting of fine-grained, very well sorted, well-drained eolian deposits of Pleistocene and Holocene age (Graymer, 2000). The site is located approximately 2,200 feet east-northeast of the shores of Lake Merritt. The active northwest trending Hayward fault is located approximately 3½ miles east of the site.

The East Bay Plain is regionally divided into two major groundwater basins: the San Pablo and the San Francisco Basin. These basins are tectonic depressions that are filled primarily with a sequence of coalescing alluvial fans. The San Francisco Basin is further divided into seven sub-areas. The site is located in the Oakland Sub-Area, which is filled primarily by alluvial deposits that range from 300 to 700 feet thick with no well-defined aquitards (CRWQCB, 1999). Under natural conditions, the direction of groundwater flow in the East Bay Plain is east to west and correlates with topography.

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

Local Geology

The local geology of the site was evaluated using boring logs from the most recent investigation and earlier investigations. The lithology of site consists primarily of tight clay and silt units extending approximately 10 to 12 fbgs. Underlying this unit is a sand unit extending to approximately 17 fbgs. Silts and clay, with lenses of sand (up to 1 foot thick), extend beneath the sand unit to approximately 30 fbgs, the total depth explored. Soil boring logs are included in Attachment B. Cross sections were prepared using boring logs and monitoring well construction details to illustrate subsurface conditions. Geologic cross section locations are shown on Plate 5. Cross sections A-A', B-B', and C-C' are presented as Plates 6 through 8, respectively.

Local Hydrology

The depth to groundwater beneath the site has varied over time and has ranged from approximately 9 fbgs to 15 fbgs. Currently, groundwater is encountered at depths ranging from approximately 11 fbgs to 14 fbgs. Cumulative results of groundwater monitoring and sampling indicate that the groundwater flow direction is predominantly towards the southeast. The most recent groundwater data from January 19, 2007, indicate that the groundwater flow direction is towards the southeast with a hydraulic gradient of 0.015. A groundwater elevation map for the January 19, 2007, sampling event is shown on Plate 4. Cumulative results of groundwater monitoring and sampling events are summarized in Tables 1A and 1B.

Groundwater elevation data versus time is presented on Hydrographs for wells MW6A through MW6J, RW1, RW2, RW3, and RW3A. The hydrographs also include concentrations of TPHd, TPHg, BTEX, and MTBE versus time.

SITE CONDITIONS

Petroleum Hydrocarbon Concentrations in Soil

Historical soil sample analytical data indicate that the maximum concentrations of residual TPHg and benzene reported in soil samples AB1, AB2, and AB3 located at the northern dispenser island, soil boring B1 (Alton) located in the northeast corner of the site, and TG2 (EA) located on northern edge of UST pit. Soil sample locations are shown on Plate 2. Plates 9 through 12 show the distribution of TPHg and benzene in shallow (less than 3 meters) and deep (greater than 3 meters) soil. Cumulative soil analytical results are summarized in Tables 3A, 3B, and 3C.

The lateral distribution of petroleum hydrocarbons in soil were delineated by 12 soil borings advanced between October 1988 and March 2007 (HLA, 1989; ERI, 2000; ERI, 2007b). The lateral extent of TPHg and benzene concentrations in soil is in defined the downgradient direction (to the south by wells MW6E, MW6I, and MW6J and boring GP1, to the southeast by borings GP2, B7, and B8, and to southwest by MW6F). Concentrations of TPHg and benzene were not reported at or above the laboratory reporting limit in these samples. The lateral extent of MTBE concentrations in soil is defined in the downgradient direction (to the south by well and MW6J and boring GP1, and to the southeast by borings GP2, B7, and B8). Concentrations of MTBE were not reported at or above the laboratory reporting limit in these samples.

Concentrations of petroleum hydrocarbons were reported in soil samples collected in the vicinity of the eastern dispenser island located on the east side of the station. Concentrations of TPHg were reported in samples collected at well MW6H (13.5 fbgs) at a maximum of 1,000 mg/kg and in boring B9 (11 fbgs) at up to 12 mg/kg. Concentrations of TPHg were also reported in well MW6G, located north-northeast of the northern dispenser island at concentrations of 5.2 mg/kg. Concentrations of benzene and MTBE were reported in soil samples collected from boring B9 at a maximum concentration of 0.18 mg/kg (B9, 11 fbgs) and 0.016 mg/kg (B9, 10 fbgs), respectively.

The vertical distribution of TPHg, benzene, and MTBE in soil is defined on site at boring B9 with concentrations not reported at or above the laboratory reporting limit below 19.5 fbgs. The boring extended to 29.5 fbgs. The lateral and vertical distribution of TPHg, benzene, and MTBE in soil is illustrated on Plates 13 through 15 and cross sections A-A' and C-C' (Plates 6 and 8).

Groundwater Conditions

Dissolved Constituent Distribution in Groundwater

Monitoring of groundwater quality has been conducted at the site since June 1988. Groundwater monitoring data are summarized in Tables 1A and 1B and grab groundwater results are summarized in Tables 4A, 4B, and 4C. Select analytical results from the January 19, 2007, sampling event are shown in Plate 16. The groundwater monitoring report was submitted under separate cover (ERI, 2007a).

The site currently has five on-site groundwater monitoring wells (MW6B, MW6E through MW6H), two off-site groundwater monitoring wells (MW6I and MW6J), and three recovery wells (RW1, RW2, and RW3A). The maximum concentrations of TPHg, benzene, and MTBE have been reported at 127,000 µg/L (RW1, 11/4/04), 9,500 µg/L (MW6C [now identified as RW3A], 10/20/88), and 8,520 µg/L (MW6H, 7/19/99 using EPA Method 8260B; MW6H, 4/8/99, 13,000 µg/L using EPA Method 8015B), respectively. During the last four quarters of monitoring the maximum reported concentrations of TPHg, benzene, and MTBE were found in well MW6H at 11,000 µg/L (04/28/06), 2,000 µg/L (04/28/06), and 160 µg/L (04/28/06), respectively. The maximum reported concentration of TPHd was found in well RW1 at 950 µg/L (04/28/06). Isoconcentration maps showing the current distribution of TPHg, TPHd, TPHmo, benzene, and MTBE in 2007 are shown on Plates 17 through 21, respectively.

Hydrographs presenting groundwater elevations over time and TPHg, benzene, and MTBE concentrations for wells MW6A through MW6J, RW1, RW2, RW3, and RW3A are attached. These concentration hydrographs indicate that petroleum hydrocarbon concentrations have declined over time, with the exception of anomalous concentrations repeated in well RW1 in November 2004.

Lateral Delineation of Petroleum Hydrocarbons in Groundwater

The lateral extent of TPHg concentrations in groundwater is defined to the south by wells MW6E, MW6I, and MW6J, and to west by wells MW6G, RW3A, and MW6F, as shown on Plate 17. Concentrations of TPHg have not been reported at or above the laboratory reporting limit in wells MW6E, MW6F, MW6I, MW9D, and MW9F since August 4, 2005. Concentrations of TPHg were reported in groundwater samples collected from wells MW6G (61.9 µg/L, 10/27/06) and well MW6J (67.7 µg/L, 10/27/06).

The lateral extent of TPHd concentrations in groundwater is defined to the south by wells MW6E, MW6I, and MW6J, to west by wells MW6G and MW6F, and to the north by well MW6B as shown on Plate 18. Concentrations of TPHd were not reported at or above the laboratory reporting limit since July 5, 2006. Concentrations of TPHd are defined to 66 µg/L by grab groundwater sample collected at soil boring B7 located southeast and downgradient of the site.

The lateral extent of TPHmo concentrations in groundwater is defined to the south by wells MW6E, RW2, MW6I, and MW6J, to west by wells MW6G and MW6F, to the north by well MW6B, and to the southeast by boring B7, as shown on Plate 19.

The lateral extent of benzene concentrations in groundwater is defined southeast of the site (and in the down gradient direction) by wells MW6I and MW6J and boring B7 as shown on Plate 20. Benzene has not been reported at or above the laboratory reporting limit since May 3, 2005. The lateral extent of benzene is defined to the west by well MW6F, to the north by well MW6G, to the east by boring B8. Concentrations of benzene have not been reported at or above the laboratory reporting limit since July 5, 2001.

The lateral extent of MTBE concentrations in groundwater is defined to the south by well MW6I and to the southwest by wells MW6E and MW6F as shown on Plate 21. Concentrations of MTBE have not been reported at or above the laboratory reporting limit since October 7, 2003. The lateral extent of MTBE is not defined (concentrations reported above laboratory reporting limits) to the north (MW6G), northeast (MW6B), east (MW6H), and the southeast (downgradient direction) (MW6J and boring B7).

Vertical Delineation of Petroleum Hydrocarbons in Groundwater

The vertical extent of petroleum hydrocarbons in groundwater is defined at three soil boring locations (GP1, GP2, and B7) with concentrations of TPHg, BTEX, and MTBE not detected at or above the laboratory reporting limits at depths ranging from 22.5 to 24 fbgs (Plate 22). Concentrations of TPHd were reported in boring B7 at 22 fbgs.

The vertical extent of petroleum hydrocarbons in groundwater is not defined at soil boring B9.. Concentrations of TPHg, benzene, and MTBE were detected at 490 µg/L, 160 µg/L, and 17 µg/L, respectively, in the groundwater sample collected from boring B9 collected at 22.5 to 24 fbgs.

Liquid-Phase Hydrocarbons

To date, liquid-phase hydrocarbons have not been observed in the groundwater monitoring wells at the site.

Preferential Pathway Study

ERI updated the sensitive receptor survey (SRS) in September 2006. The original SRS report was completed in 1998. The SRS is updated annually. Underground gas, electric, water, sewer, storm drain, and telephone lines are located adjacent to the site (Plate 23). Based on depth to water measurements in wells at the site, groundwater has ranged from 9 to 12 fbgs. The elevation of the sewer trench along Telegraph Avenue is estimated at 13 fbgs (ERI, 2002). It is possible then that the sewer trench is intermittently submerged during periods of high groundwater levels.

Public Water Supply Wells and Private Water Wells

A search of Department of Water Resource well logs and information from the Alameda County Public Works (Public Works) did not identify public use water wells within 1,500 meters of the site and did not identify private use water wells within 1,500 meters of the site.

Surface Water Bodies and Wetlands

Lake Merritt is located approximately 2,100 feet east-southeast of the site.

Schools, Hospitals, Day Care Centers, Residential Buildings, and Public Use Areas

There are six residential buildings located within 300-foot radius of the site and First Baptist Church is located adjacent to the south. New Day Pre School and Learning Center is located 240 feet east northeast of the site. Other public use areas were not identified within 300 feet of the site.

Utility Vaults, Storm Drains, and Underground Utility Lines

The Bay Area Rapid Transit (BART) subway passes beneath the northeast corner of the site. No other sub-grade structures were identified within 100 meters of the site (Plate 2). Although the trend of the BART tunnel (southeast) generally follows the groundwater flow direction beneath the site, it is located approximately 50 feet north-northeast of the possible source area; therefore, it is unlikely that the BART tunnel serves as a conduit for migration of dissolved hydrocarbons in groundwater.

Thirteen utility vaults, including seven electrical, two water, two telephone, one television, and one communications are located on and adjacent to the site. Several utility trenches are located on and adjacent to the site including Pacific Gas and Electric Company (PG&E) Subsurface Gas & Electrical Lines, EBMUD Potable Water Lines, and City of Oakland Office of Public Works Sanitary Sewer Lines. Sanitary sewer vaults were not identified on or adjacent to the site, but are inferred to exist. Sanitary sewer lines run north northeast-south southwest beneath Telegraph Avenue. The locations of the known utility lines are shown on Plate 23.

SUMMARY AND CONCLUSIONS

Based on the information available to date, the following conclusions are presented:

- The site is an active service station currently owned and operated by Mr. Lam Truong and is paved with asphalt.
- Land use in the site vicinity is mixed-use commercial/industrial and residential.
- Investigations have been conducted at the site since 1988.
- Cumulative groundwater analytical data indicate that natural attenuation may be occurring since hydrocarbon concentrations in groundwater are reduced on site.
- Sensitive receptors in the vicinity of the site are unlikely to encounter petroleum hydrocarbons in groundwater. The potential for utility line trenches to serve as preferential pathways for groundwater is unlikely with the exception of the sewer trench in Telegraph Avenue. The depth of the sewer trench is estimated to be 13 feet.
- The lateral extent of TPHg and benzene concentrations in soil is in defined the downgradient direction (to the south by wells MW6E, MW6I, and MW6J and boring GP1, to the southeast by borings GP2, B7, and B8, and to southwest by MW6F). Concentrations of TPHg and benzene were not reported at or above the laboratory reporting limit in these samples.

- The lateral extent of MTBE concentrations in soil is defined in the downgradient direction (to the south by well and MW6J and boring GP1, and to the southeast by borings GP2, B7, B8, and B9). Concentrations of MTBE were not reported at or above the laboratory reporting limit in these samples.

- The vertical distribution of TPHg, benzene, and MTBE in soil is defined on site at boring B9 with concentrations not reported at or above the laboratory reporting limit below 19.5 fbgs.

- The lateral extent of TPHg concentrations in groundwater is defined to the south (downgradient direction) by wells MW6E, MW6I, and MW6J and the grab groundwater sample location B7 (to 66 µg/L), and to the west by MW6G and MW6F.

- The lateral extent of TPHd concentrations in groundwater is defined to the south (downgradient direction) by wells MW6E, MW6I, and MW6J and the grab groundwater sample location B7, to west by MW6G and MW6F, and to the north by MW6B.

- The lateral extent of TPHmo concentrations in groundwater is defined to the south (downgradient direction) by wells MW6E, RW2, MW6I, and MW6J and the grab groundwater sample location B7, to west by MW6G and MW6F, and to the north by MW6B.

- The lateral extent of benzene concentrations in groundwater is defined to the south (downgradient direction) by wells MW6I, and MW6J and the grab groundwater sample location B7, and to the west by MW6G and MW6F.

- The lateral extent of MTBE concentrations is not defined to the south-southeast (downgradient direction). Concentrations of MTBE were reported in well MW6J (12.1 µg/L) and the grab groundwater sample collected from boring B7 at 0.54 µg/L. The lateral extent of MTBE is defined to the south and southwest by wells MW6E and MW6F.

- The vertical extent of petroleum hydrocarbons in groundwater is defined downgradient from the site at three soil boring locations (GP1, GP2, and B7) with concentrations of TPHg, BTEX, and MTBE not detected at or above the laboratory reporting limits at depths ranging from 22.5 to 24 fbgs. Concentrations of TPHd were reported in boring B7 at 22 fbgs.

- The vertical extent of petroleum hydrocarbons in groundwater is not defined on site at soil boring B9. Concentrations of TPHg, benzene and MTBE were detected at 490 µg/L, 160µg/L, and 17µg/L, respectively, in the groundwater sample collected from boring B9 at 22.5 to 24 fbgs.

RECOMMENDATIONS

Based on the results of these conclusions, ERI recommends further investigation including:

- Additional assessment on the eastern side of Telegraph Avenue to investigate the lateral distribution of dissolved TPHg, TPHd, TPHmo, BTEX, and MTBE in soil and groundwater.

- Additional assessment south-southwest of the site in the vicinity of soil boring B4 (HLA) to investigate the lateral distribution of dissolved TPHg, TPHd, BTEX, and MTBE in soil and groundwater.

- Additional assessment on site in the vicinity of well RW1 to investigation the vertical distribution of dissolved TPHg, TPHd, TPHmo, BTEX, and MTBE in groundwater.

- Comparison of current concentrations to Environmental Screening Levels (ESLs).

- Evaluation of potential remedial alternatives for the site.

DOCUMENT DISTRIBUTION

ERI recommends that a signed copy of this report be forwarded to the following:

Mr. Steven Plunkett
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Mr. Chuck Headlee
California Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, California 94612

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

LIMITATIONS

This report was prepared in accordance with generally accepted standards of environmental practice in California at the time this investigation was performed. This report has been prepared for Exxon Mobil, and any reliance on this report by third parties shall be at such party's sole risk.

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

Sincerely,
Environmental Resolutions, Inc.

for
Rebekah Westrup
Senior Staff Geologist

Heidi Dieffenbach-Carle
P.G. 6793

Attachments: References

Table 1A:	Cumulative Groundwater Monitoring and Sampling Data
Table 1B:	Additional Cumulative Groundwater Monitoring and Sampling Data
Table 2:	Well Construction Details
Table 3A:	Cumulative Laboratory Analytical Results of Soil Samples
Table 3B:	Additional Cumulative Laboratory Analytical Results of Soil Samples – Volatile Organic Compounds
Table 3C:	Additional Cumulative Laboratory Analytical Results of Soil Samples – Metals
Table 4A:	Laboratory Analytical Results of Grab Groundwater Samples
Table 4B:	Additional Laboratory Analytical Results of Grab Groundwater Samples – Volatile Organic Compounds
Table 4C:	Additional Cumulative Analytical Results of Soil Samples – Metals
Table 5:	Laboratory Analytical Results of Soil-Gas Survey
Plate 1:	Site Vicinity Map
Plate 2:	Local Area Map
Plate 3:	Generalized Site Plan
Plate 4:	Groundwater Elevation Map, January 19, 2007
Plate 5:	Cross Section Location Map
Plate 6:	Cross Section A-A'
Plate 7:	Cross Section B-B'
Plate 8:	Cross Section C-C'
Plate 9:	Historical TPHg in Soil – Shallow (Less than 3 Meters)
Plate 10:	Historical Benzene in Soil – Shallow (Less than 3 Meters)
Plate 11:	Historical TPHg in Soil – Deep (Greater than 3 Meters)
Plate 12:	Historical Benzene in Soil – Deep (Greater than 3 Meters)
Plate 13:	Select Soil Analytical Results – TPHg
Plate 14:	Select Soil Analytical Results – Benzene
Plate 15:	Select Soil Analytical Results – MTBE
Plate 16	Select Groundwater Analytical Results, January 19, 2007
Plate 17:	TPHg Isoconcentration Map, January 19 and March 5, 2007
Plate 18:	TPHd Isoconcentration Map, January 19 and March 5, 2007
Plate 19:	TPHmo Isoconcentration Map, January 19 and March 5, 2007
Plate 20:	Benzene Isoconcentration Map, January 19 and March 5, 2007
Plate 21:	MTBE Isoconcentration Map, January 19 and March 5, 2007
Plate 22:	Select Grab Groundwater Analytical Results
Plate 23:	Vault/Utility Map
Hydrographs:	MW6A through MW6J, RW1, RW2, RW3, RW3A
Attachment A:	Regulatory Correspondence
Attachment B:	Unified Soil Classification System, Symbol Key, and Boring Logs

REFERENCES

Alton Geoscience Inc. (Alton). April 25, 1991. *Preliminary Soil Assessment Report, Exxon Company U.S.A., Exxon Station No 7-0235, 2225 Telegraph Ave., Oakland, California.*

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TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California

Well ID	Sampling Date	TOC (feet)	DTW (feet)	GW Elev. (feet)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	TPHmo (µg/L)	MTBE 8260B (µg/L)	MTBE 8021B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW6A	June 1988	---	Well installed.											
MW6A	06/24/88	98.99i	---	---	---	---	---	---	---	---	<0.5	<1	<2	<1
MW6A	07/11/88	98.99i	13.25	85.74	---	---	---	---	---	---	---	---	---	---
MW6A	10/20/88	98.99i	---	---	---	---	---	---	---	---	0.6	<1	<2	<1
MW6A	12/15/88	98.99i	13.40	85.59i	---	---	---	---	---	---	---	---	---	---
MW6A	09/07/89	98.99i	---	---	---	---	ND	---	---	---	2.0	ND	ND	ND
MW6A	05/11/90	98.99i	12.87	86.12i	---	---	<500	---	---	---	150	6.2	<0.25	13
MW6A	10/16/90	98.99i	13.27	85.72i	---	---	---	---	---	---	---	---	---	---
MW6A	12/06/90	98.99i	13.28	85.71i	---	---	---	---	---	---	---	---	---	---
MW6A	02/08/91	98.99i	12.49	86.50i	---	---	---	---	---	---	---	---	---	---
MW6A	05/07/91	98.99i	11.94	87.05i	---	---	2,700	---	---	---	700	64	67	74
MW6A	06/26/91	98.99i	12.87	86.12i	---	---	---	---	---	---	---	---	---	---
MW6A	08/05/91	98.99i	13.44	85.55i	---	---	---	---	---	---	---	---	---	---
MW6A	08/14/91	98.99i	13.47	85.52i	---	---	ND	---	---	---	3.6	<0.5	<0.5	<0.5
MW6A	09/11/91	98.99i	13.48	85.51i	---	---	---	---	---	---	---	---	---	---
MW6A	10/16/91	98.99i	13.64	85.35i	---	---	---	---	---	---	---	---	---	---
MW6A	12/30/91	---	Well damaged.											
MW6A	05/02/92	---	Well destroyed.											
MW6B	June 1988	---	Well installed.											
MW6B	06/24/88	98.81i	---	---	---	---	---	---	---	---	<0.5	<1	<2	5.0
MW6B	07/11/88	98.81i	12.86	85.95i	---	---	---	---	---	---	---	---	---	---
MW6B	10/20/88	98.81i	---	---	---	---	---	---	---	---	4.1	<1	<2	<1
MW6B	12/15/88	98.81i	12.94	85.87i	---	---	---	---	---	---	---	---	---	---
MW6B	09/07/89	98.81i	---	---	---	---	2,700	---	---	---	70	3.0	ND	160
MW6B	04/30/90	98.81i	12.53	86.28i	---	---	168	---	---	---	45	8.0	60	22
MW6B	10/16/90	98.81i	12.73	86.08i	---	---	---	---	---	---	---	---	---	---
MW6B	12/06/90	98.81i	12.74	86.07i	---	---	---	---	---	---	---	---	---	---
MW6B	01/14/91	98.81i	12.57	86.24i	---	---	---	---	---	---	---	---	---	---
MW6B	02/08/91	98.81i	12.16	86.65i	---	---	---	---	---	---	---	---	---	---
MW6B	04/02/91	98.81i	11.50	87.31i	---	---	---	---	---	---	---	---	---	---
MW6B	05/07/91	98.81i	12.02	86.79i	---	---	3,300	---	---	---	240	6.0	20	660
MW6B	05/31/91	98.81i	12.40	86.41i	---	---	---	---	---	---	---	---	---	---
MW6B	06/26/91	98.81i	12.69	86.12i	---	---	---	---	---	---	---	---	---	---
MW6B	08/05/91	98.81i	12.95	85.86i	---	---	---	---	---	---	---	---	---	---
MW6B	08/14/91	98.81i	12.93	85.88i	---	---	980	---	---	---	9.1	42	310	150
MW6B	09/11/91	98.81i	13.01	85.80i	---	---	---	---	---	---	---	---	---	---
MW6B	10/16/91	98.81i	13.09	85.72i	---	---	---	---	---	---	---	---	---	---
MW6B	12/30/91	98.81i	12.62	86.19i	---	---	---	---	---	---	---	---	---	---
MW6B	12/31/91	98.81i	---	---	---	---	1,200	---	---	---	46	<5.0	85	220
MW6B	02/25/92	98.81i	11.81	87.00i	---	---	---	---	---	---	---	---	---	---
MW6B	03/25/92	98.81i	11.58	87.23i	---	---	190	---	---	---	31	8.6	84	8.6
MW6B	06/16/92	15.34	12.54	2.80	---	---	1,700	---	---	---	44	1.7	7.2	230
MW6B	09/08/92	15.34	12.87	2.47	NLPH	---	2,900	---	---	---	35	8.3	110	330
MW6B	11/05/92	15.34	12.70	2.64	NLPH	---	1,400	---	---	---	29	<0.5	75	190
MW6B	12/14/92	15.34	12.19	3.15	NLPH	---	---	---	---	---	---	---	---	---

TABLE 1A
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Former Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California

Well ID	Sampling Date	TOC (feet)	DTW (feet)	GW Elev. (feet)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	TPHmo (µg/L)	MTBE 8260B (µg/L)	MTBE 8021B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW6B	01/28/93	15.34	11.39	3.95	NLPH	---	---	---	---	---	---	---	---	---
MW6B	02/11/93	15.34	11.70	3.64	NLPH	---	210	---	---	---	1.2	<0.5	2.8	4.3
MW6B	03/09/93	15.34	11.70	3.64	NLPH	---	---	---	---	---	---	---	---	---
MW6B	04/14/93	15.34	11.87	3.47	NLPH	---	---	---	---	---	---	---	---	---
MW6B	05/11/93	15.34	12.22	3.12	NLPH	---	570	---	---	---	54	2.4	37	36
MW6B	06/17/93	15.34	12.46	2.88	NLPH	---	---	---	---	---	---	---	---	---
MW6B	07/26/93	15.34	12.72	2.58	NLPH	---	---	---	---	---	---	---	---	---
MW6B	08/10/93	15.34	12.82	2.52	NLPH	---	1,300	---	---	---	48	2.4	28	44
MW6B	09/21/93	15.34	13.08	2.26	NLPH	---	---	---	---	---	---	---	---	---
MW6B	10/27/93	15.34	13.18	2.16	NLPH	---	1,300	---	---	---	23	1.7	25	250
MW6B	11/23/93	15.34	13.07	2.27	NLPH	---	---	---	---	---	---	---	---	---
MW6B	12/17/93	15.34	---	---	---	---	---	---	---	---	---	---	---	---
MW6B	02/16/94	15.34	12.07	3.27	---	---	300	---	---	---	16	<0.5	3.5	2.4
MW6B	05/31/94	15.34	12.42	2.92	NLPH	---	690	---	---	---	21	3.9	11	36
MW6B	08/30/94	17.48j	13.02	4.46	NLPH	---	260	---	---	---	4	0.62	0.82	4
MW6B	11/11/94	17.48j	11.72	5.76	NLPH	---	300	---	---	---	60	2	1.2	2.4
MW6B	02/27/95	17.48j	11.84	5.64	NLPH	---	180	---	---	---	28	2.6	0.65	1.6
MW6B	05/30/95	17.48j	12.09	5.39	NLPH	---	200	---	---	---	23	3.6	0.88	2.3
MW6B	08/30/95	17.48j	12.76	4.72	NLPH	---	120	---	---	42	3.8	3.6	0.61	0.69
MW6B	11/26/96	17.48j	12.26	5.22	NLPH	---	<50	---	---	<30	<0.5	<0.5	<0.5	<0.5
MW6B	02/27/97	17.48j	11.73	5.75	NLPH	---	<50	---	---	<30	<0.5	<0.5	<0.5	0.80
MW6B	05/21/97	17.48j	12.70	4.78	NLPH	---	<50	---	---	<30	<0.5	<0.5	<0.5	<0.5
MW6B	08/18/97	17.48j	12.89	4.59	NLPH	---	380	---	---	<30	4.3	<0.5	1.2	1.5
MW6B	03/13/98	17.48j	11.15	6.33	NLPH	---	360	---	---	<6.2	93	4.9	4.1	12
MW6B	04/20/98	17.48j	11.49	5.99	NLPH	---	110	---	---	5.5	19	1.3	1.5	3.9
MW6B	07/21/98	21.37	12.18	9.19	NLPH	---	<50	---	---	8.7	0.84	0.59	<0.5	<0.5
MW6B	10/06/98	21.37	12.70	8.67	NLPH	---	190	---	---	6.0	2.4	0.56	0.51	1.2
MW6B	01/11/99	21.37	12.48	8.89	NLPH	---	50	---	---	3.9	1.2	<0.5	<0.5	0.95
MW6B	04/08/99	21.37	11.52	9.85	NLPH	---	85	---	---	14.0	4.4	<0.5	<0.5	<0.5
MW6B	07/19/99	21.37	11.39	9.98	NLPH	---	<50	---	---	<2.50	<0.5	<0.5	<0.5	<0.5
MW6B	07/27/99	21.37	12.71	8.66	NLPH	---	---	---	---	---	---	---	---	---
MW6B	10/25/99	21.37	12.49	8.88	NLPH	---	260	---	---	<2	2.3	<0.5	<0.5	<0.5
MW6B	01/27/00	21.37	11.80	9.57	NLPH	---	770	---	---	13	210	4.8	4.9	13
MW6B	04/03/00	21.37	11.61	9.76	NLPH	---	670	---	---	3.4	110	6.6	3.8	9.45
MW6B	07/05/00	21.37	12.27	9.10	NLPH	---	<50	---	---	2.1	0.89	<0.5	<0.5	<0.5
MW6B	10/04/00	21.37	12.67	8.70	NLPH	---	<50	---	---	54	<0.5	<0.5	<0.5	2
MW6B	10/05/00	21.37	---	---	---	---	---	<1,000	---	---	---	---	---	---
MW6B	01/04/01	21.37	12.47	8.90	NLPH	---	<50	---	---	35	<0.5	<0.5	<0.5	<0.5
MW6B	04/03/01	21.37	11.81	9.56	NLPH	---	<50	---	---	7.8	<0.5	<0.5	<0.5	<0.5
MW6B	07/05/01	21.37	12.44	8.93	NLPH	---	<50	---	---	3	<0.5	<0.5	<0.5	<0.5
MW6B	10/03/01	21.37	12.52	8.85	NLPH	---	310	---	---	10	2.1	<0.5	6.5	11.6
MW6B	Oct-01	21.09	Well surveyed in compliance with AB 2886 requirements.											
MW6B	01/02/02	21.09	11.25	9.84	NLPH	---	710	---	---	21.8	99.5	4.40	3.30	7.40
MW6B	04/02/02	21.09	11.72	9.37	NLPH	---	<50.0	<100	---	12.2	0.60	<0.50	<0.50	<0.50
MW6B	07/01/02	21.09	12.34	8.75	NLPH	---	<50	<100a	---	10.7	<0.5	<0.5	<0.5	<0.5
MW6B	10/02/02	21.09	12.71	8.38	NLPH	---	<50.0	<100	---	10.9	<0.5	<0.5	<0.5	<0.5
MW6B	01/07/03	21.09	11.65	9.44	NLPH	---	82.5	<50	27.8	20.8	3.7	0.5	<0.5	0.8
MW6B	06/17/03	21.09	12.09	9.00	NLPH	---	<50.0	<100	6.10a	7.3	0.50	<0.5	<0.5	<0.5
MW6B	07/16/03	21.09	12.29	8.80	NLPH	---	<50.0	<100	8.5	11.0	<0.50	<0.5	<0.5	<0.5

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Well ID	Sampling Date	TOC (feet)	DTW (feet)	GW Elev. (feet)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	TPHmo (µg/L)	MTBE 8260B (µg/L)	MTBE 8021B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW6B	10/07/03	21.09	12.63	8.46	NLPH	<50	<50.0	<100	3.10	4.1	<0.50	<0.5	<0.5	<0.5
MW6B	01/14/04	21.09	11.50	9.59	NLPH	54	62.0	<100	11.0	9.0	2.10	<0.5	<0.5	<0.5
MW6B	06/03/04	21.09	12.12	8.97	NLPH	---	56.0	<100	5.90	6.2	0.60	<0.5	<0.5	<0.5
MW6B	08/12/04	21.09	c	c	c	<50c	94.0c	<100c	3.40c	---	0.70c	<0.5c	<0.5c	0.9c
MW6B	11/04/04	21.09	12.27	8.82	NLPH	<50	<50.0	143	2.60	---	<0.50	<0.5	<0.5	0.7
MW6B	02/01/05	21.09	11.48	9.61	NLPH	<100	55.9	<100	7.50	---	1.30	<0.5	<0.5	<0.5
MW6B	05/03/05	21.09	11.48	9.61	NLPH	<50	<50.0	<100	4.90	---	0.50	<0.5	<0.5	0.8
MW6B	08/04/05	21.09	12.23	8.86	NLPH	<50.0	<50.0	<100	5.99	---	<0.500	<0.500	<0.500	0.692
MW6B	10/27/05	21.09	12.60	8.49	NLPH	<50.0	<50.0	<50.0	1.65	---	<0.50	0.94f	<0.50	1.29
MW6B	01/26/06	21.09	11.39	9.70	NLPH	83d	510	<500	12	---	130	12	14	39
MW6B	04/28/06	21.09	10.99	10.10	NLPH	240d	3,100	<470	43	---	920h	110	130	290
MW6B	07/05/06	21.09	12.05	9.04	NLPH	<47.6	79.4	<95.2	11.4	---	2.95	<1.00	<1.00	<3.00
MW6B	10/27/06	21.09	12.53	8.56	NLPH	<47	<50.0	<470	2.25	---	0.63	<0.50	<0.50	<0.50
MW6B	**01/19/07**	**21.09**	**12.05**	**9.04**	**NLPH**	**<47**	**<50.0**	**<470**	**3.75**	**---**	**<0.50**	**<0.50**	**<0.50**	**<0.50**
MW6C	06/15/88	99.89i	Well installed.											
MW6C	05/10/90	---	Well over-drilled into recovery well RW3											
MW6D	07/06/88	98.78i	Well installed.											
MW6D	05/10/90	---	Well over-drilled into recovery well RW2											
MW6E	10/04/88	98.99i	Well installed.											
MW6E	10/20/88	98.99i	---	---	---	---	---	---	---	---	1.1	<2	<1	3.4
MW6E	12/15/88	98.99i	13.70	85.29i	---	---	---	---	---	---	---	---	---	---
MW6E	09/07/89	98.99i	---	---	---	---	220	---	---	---	3.0	ND	ND	ND
MW6E	04/30/90	98.99i	13.43	85.56i	---	---	250	---	---	---	57	<5.0	<5.0	53
MW6E	10/16/90	98.99i	13.77	85.22i	---	---	---	---	---	---	---	---	---	---
MW6E	12/06/90	98.99i	13.95	85.04i	---	---	---	---	---	---	---	---	---	---
MW6E	01/14/91	98.99i	13.95	85.04i	---	---	---	---	---	---	---	---	---	---
MW6E	02/08/91	98.99i	13.20	85.79i	---	---	---	---	---	---	---	---	---	---
MW6E	04/02/91	98.99i	12.28	86.71i	---	---	---	---	---	---	---	---	---	---
MW6E	05/07/91	98.99i	13.48	85.51i	---	---	160	---	---	---	32	1.0	2.2	1.4
MW6E	05/31/91	98.99i	14.09	84.90i	---	---	---	---	---	---	---	---	---	---
MW6E	06/26/91	98.99i	12.54	86.45i	---	---	---	---	---	---	---	---	---	---
MW6E	08/05/91	98.99i	14.39	84.60i	---	---	---	---	---	---	---	---	---	---
MW6E	08/14/91	98.99i	14.18	84.81i	---	---	ND	---	---	---	0.9	<0.5	<0.5	<0.5
MW6E	09/11/91	98.99i	14.73	84.26i	---	---	---	---	---	---	---	---	---	---
MW6E	10/16/91	98.99i	14.40	84.59i	---	---	---	---	---	---	---	---	---	---
MW6E	12/30/91	98.99i	13.39	85.60i	---	---	---	---	---	---	---	---	---	---
MW6E	12/31/91	98.99i	---	---	---	---	90	---	---	---	3.1	<0.5	<0.5	<0.5
MW6E	02/25/92	98.99i	13.16	85.83i	---	---	---	---	---	---	---	---	---	---
MW6E	03/25/92	98.99i	12.15	86.84i	---	---	830	---	---	---	41	1.0	3.8	16
MW6E	06/16/92	15.23	13.54	1.69	---	---	3,400	---	---	---	300	23	68	510
MW6E	09/08/92	15.23	14.78	0.45	NLPH	---	480	---	---	---	27	<0.5	3.6	21
MW6E	11/05/92	15.23	---	---	---	---	---	---	---	---	---	---	---	---
MW6E	12/14/92	15.23	---	---	---	---	---	---	---	---	---	---	---	---
MW6E	01/28/93	15.23	11.62	3.61	NLPH	---	---	---	---	---	---	---	---	---
MW6E	02/11/93	15.23	12.85	2.38	NLPH	---	270	---	---	---	15	<0.5	<0.5	8.7
MW6E	03/09/93	15.23	12.83	2.40	NLPH	---	---	---	---	---	---	---	---	---
MW6E	04/14/93	15.23	---	---	NLPH	---	---	---	---	---	---	---	---	---
MW6E	05/11/93	15.23	13.59	1.64	NLPH	---	<50	---	---	---	2.3	<0.5	1.4	3.2
MW6E	06/17/93	15.23	13.74	1.49	NLPH	---	---	---	---	---	---	---	---	---

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2225 Telegraph Avenue
Oakland, California

Well ID	Sampling Date	TOC (feet)	DTW (feet)	GW Elev. (feet)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	TPHmo (µg/L)	MTBE 8260B (µg/L)	MTBE 8021B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW6E	07/26/93	15.23	14.01	1.22	NLPH	---	---	---	---	---	---	---	---	---
MW6E	08/10/93	15.23	14.13	1.10	NLPH	---	1,700	---	---	---	130	2.7	23	140
MW6E	09/21/93	15.23	14.20	1.03	NLPH	---	---	---	---	---	---	---	---	---
MW6E	10/27/93	15.23	14.34	0.89	NLPH	---	100	---	---	---	6.0	<0.5	<0.5	<0.5
MW6E	11/23/93	15.23	13.97	1.26	NLPH	---	---	---	---	---	---	---	---	---
MW6E	12/17/93	15.23	13.08	2.15	NLPH	---	---	---	---	---	---	---	---	---
MW6E	02/16/94	15.23	13.34	1.89	NLPH	---	640	---	---	---	45	<0.5	12	15
MW6E	05/31/94	15.23	13.82	1.41	NLPH	---	52	---	---	---	1.5	0.97	<0.5	<0.5
MW6E	08/30/94	17.63j	14.32	3.31	NLPH	---	920	---	---	---	22	0.98	5.2	33
MW6E	11/11/94	17.63j	13.92	3.71	NLPH	---	910	---	---	---	13	2.4	13	2.5
MW6E	02/27/95	17.63j	12.96	4.67	NLPH	---	<50	---	---	---	1.9	1.3	<0.5	0.83
MW6E	05/30/95	17.63j	13.20	4.43	NLPH	---	<50	---	---	---	<0.5	<0.5	<0.5	<0.5
MW6E	08/30/95	17.63j	13.85	3.78	NLPH	---	1,500	---	---	11	91	2.3	56	59
MW6E	11/26/96	17.63j	12.94	4.69	NLPH	---	<50	---	---	<30	1.1	<0.5	<0.5	<0.5
MW6E	02/27/97	17.63j	12.28	5.35	NLPH	---	<50	---	---	<30	<0.5	<0.5	<0.5	<0.5
MW6E	05/21/97	17.63j	13.60	4.03	NLPH	---	160	---	---	<5	10	1.4	5.5	4.8
MW6E	08/18/97	17.63j	13.75	3.88	NLPH	---	66	---	---	<30	<0.5	<0.5	<0.5	<0.5
MW6E	03/13/98	17.63j	11.36	6.27	NLPH	---	<50	---	---	<2.5	<0.5	<0.5	<0.5	<0.5
MW6E	04/20/98	17.63j	11.88	5.75	NLPH	---	<50	---	---	<2.5	<0.5	<0.5	<0.5	<0.5
MW6E	07/21/98	21.58	13.10	8.48	NLPH	---	1,200	---	---	<10	81	3.1	28	77
MW6E	10/06/98	21.58	13.55	8.03	NLPH	---	<50	---	---	6.6	1.4	0.51	<0.5	0.97
MW6E	01/11/99	21.58	13.40	8.18	NLPH	---	<50	---	---	5.1	<0.5	<0.5	<0.5	<0.5
MW6E	04/08/99	21.58	12.04	9.54	NLPH	---	<50	---	---	4.7	<0.5	<0.5	<0.5	<0.5
MW6E	07/19/99	21.58	11.59	9.99	NLPH	---	---	---	---	---	---	---	---	---
MW6E	07/27/99	21.58	13.65	7.93	NLPH	---	---	---	---	---	---	---	---	---
MW6E	10/25/99	21.58	13.52	8.06	NLPH	---	<50	---	---	2.5	<0.5	<0.5	<0.5	<0.5
MW6E	01/27/00	21.58	11.71	9.87	NLPH	---	<50	---	---	2.3	<0.5	<0.5	<0.5	<0.5
MW6E	04/03/00	21.58	12.11	9.47	NLPH	---	<50	---	---	<2	0.51	<0.5	<0.5	<0.5
MW6E	07/05/00	21.58	12.91	8.67	NLPH	---	<50	---	---	<2	3.7	<0.5	<0.5	<0.5
MW6E	10/04/00	21.58	13.35	8.23	NLPH	---	<50	---	---	<2	4.1	<0.5	<0.5	<0.5
MW6E	10/05/00	21.58	---	---	---	---	---	<1,000	---	---	---	---	---	---
MW6E	01/04/01	21.58	13.09	8.49	NLPH	---	61	---	---	<2	11	<0.5	<0.5	<0.5
MW6E	04/03/01	21.58	12.39	9.19	NLPH	---	<50	---	---	<2	<0.5	<0.5	<0.5	<0.5
MW6E	07/05/01	21.58	13.21	8.37	NLPH	---	210	---	---	<2	80	<0.5	0.94	2.3
MW6E	10/03/01	21.58	13.30	8.28	NLPH	---	<50	---	---	<2	2.8	<0.5	<0.5	<0.5
MW6E	Oct-01	21.24	Well surveyed in compliance with AB 2886 requirements.											
MW6E	01/02/02	21.24	10.11	11.13	NLPH	---	<100	---	---	<0.5	<0.50	<0.50	<0.50	<0.50
MW6E	04/02/02	21.24	12.11	9.13	NLPH	---	<50.0	<100	---	0.70	<0.50	<0.50	<0.50	<0.50
MW6E	07/01/02	21.24	12.46	8.78	NLPH	---	56.0	<100a	---	<0.5	19.9	<0.5	<0.5	<0.5
MW6E	10/02/02	21.24	13.48	7.76	NLPH	---	<50.0	<100	---	0.8	0.5	<0.5	<0.5	<0.5
MW6E	01/07/03	21.24	11.81	9.43	NLPH	---	<50.0	<50	<0.50	<0.5	0.5	<0.5	<0.5	<0.5
MW6E	06/17/03	21.24	12.72	8.52	NLPH	---	<50.0	153	<0.50	<0.5	<0.50	<0.5	<0.5	<0.5
MW6E	07/16/03	21.24	12.92	8.32	NLPH	---	<50.0	<100	<0.50	<0.5	4.50	<0.5	<0.5	<0.5
MW6E	10/07/03	21.24	13.34	7.90	NLPH	<50	<50.0	<100	0.60	0.9	2.50	<0.5	<0.5	<0.5
MW6E	01/14/04	21.24	11.92	9.32	NLPH	<50	<50.0	<100	<0.50	<0.5	0.50	<0.5	<0.5	<0.5
MW6E	06/03/04	21.24	12.97	8.27	NLPH	<50	<50.0	<100	<0.50	<0.5	<0.50	<0.5	<0.5	<0.5
MW6E	08/12/04	21.24	c	c	c	<50c	<50.0c	<100c	<0.50c	---	4.30c	<0.5c	<0.5c	0.8c
MW6E	11/04/04	21.24	12.68	8.56	NLPH	<50	<50.0	124	<0.50	---	<0.50	<0.5	<0.5	<0.5
MW6E	02/01/05	21.24	11.75	9.49	NLPH	<100	<50.0	<100	<0.50	---	<0.50	<0.5	<0.5	<0.5
MW6E	05/03/05	21.24	11.93	9.31	NLPH	64d	<50.0	116	<0.50	---	<0.50	<0.5	<0.5	<0.5
MW6E	08/04/05	21.24	12.92	8.32	NLPH	96.2d	87.9	122	<0.500	---	14.1	<0.500	<0.500	0.792
MW6E	10/27/05	21.24	13.24	8.00	NLPH	<50.0	<50.0	<50.0	<0.500	---	<0.50	0.91f	<0.50	1.22

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California

Well ID	Sampling Date	TOC (feet)	DTW (feet)	GW Elev. (feet)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	TPHmo (µg/L)	MTBE 8260B (µg/L)	MTBE 8021B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW6E	01/26/06	21.24	11.78	9.46	NLPH	<50	<50	<500	<0.50	---	7.2	0.67	0.71	2.0
MW6E	04/28/06	21.24	11.27	9.97	NLPH	<47	<50	<470	<0.50	---	<0.50	<0.50	<0.50	<0.50
MW6E	07/05/06	21.24	12.67	8.57	NLPH	149	<50.0	316	<0.500	---	<1.00	<1.00	<1.00	<3.00
MW6E	10/27/06	21.24	13.34	7.90	NLPH	<47	<50.0	<470	<0.500	---	<0.50	0.81	<0.50	1.26
MW6E	**01/19/07**	**21.24**	**12.66**	**8.58**	**NLPH**	**<47**	**<50.0**	**<470**	**<0.500**	**---**	**2.33**	**<0.50**	**<0.50**	**<0.50**
MW6F	10/05/88	99.91i	Well installed.											
MW6F	10/25/88	99.91i	---	---	---	---	ND	---	---	---	<0.5	<1	<2	2.4
MW6F	12/15/88	99.91i	14.48	85.43i	---	---	---	---	---	---	---	---	---	---
MW6F	09/07/89	99.91i	---	---	---	---	ND	---	---	---	ND	ND	ND	ND
MW6F	04/30/90	99.91i	14.14	85.77i	---	---	ND	---	---	---	ND	ND	ND	ND
MW6F	10/16/90	99.91i	14.77	85.14i	---	---	---	---	---	---	---	---	---	---
MW6F	12/06/90	99.91i	14.81	85.10i	---	---	---	---	---	---	---	---	---	---
MW6F	01/14/91	99.91i	14.73	85.18i	---	---	---	---	---	---	---	---	---	---
MW6F	02/08/91	99.91i	13.73	86.18ii	---	---	---	---	---	---	---	---	---	---
MW6F	04/02/91	99.91i	12.38	87.53i	---	---	---	---	---	---	---	---	---	---
MW6F	05/07/91	99.91i	13.67	86.24i	---	---	ND	---	---	---	ND	<0.5	<0.5	<0.5
MW6F	05/31/91	99.91i	14.43	85.48i	---	---	---	---	---	---	---	---	---	---
MW6F	06/26/91	99.91i	14.81	85.10i	---	---	---	---	---	---	---	---	---	---
MW6F	08/05/91	99.91i	14.96	84.95i	---	---	---	---	---	---	---	---	---	---
MW6F	08/14/91	99.91i	14.87	85.04i	---	---	ND	---	---	---	ND	<0.5	<0.5	<0.5
MW6F	09/11/91	99.91i	15.11	84.80i	---	---	---	---	---	---	---	---	---	---
MW6F	10/16/91	99.91i	15.16	84.75i	---	---	---	---	---	---	---	---	---	---
MW6F	12/30/91	99.91i	13.78	86.13i	---	---	---	---	---	---	---	---	---	---
MW6F	12/31/91	99.91i	---	---	---	---	ND	---	---	---	ND	<0.5	<0.5	<0.5
MW6F	02/25/92	99.91i	12.68	87.23i	---	---	---	---	---	---	---	---	---	---
MW6F	03/25/92	99.91i	11.93	87.98i	---	---	ND	---	---	---	ND	<0.5	<0.5	<0.5
MW6F	06/16/92	16.46	14.34	2.12	---	---	ND	---	---	---	ND	<0.5	<0.5	<0.5
MW6F	09/08/92	16.46	14.75	1.71	NLPH	---	<50	---	---	---	<0.5	<0.5	<0.5	<0.5
MW6F	11/05/92	16.46	14.35	2.11	NLPH	---	<50	---	---	---	<0.5	<0.5	<0.5	<0.5
MW6F	12/14/92	16.46	12.90	3.56	NLPH	---	---	---	---	---	---	---	---	---
MW6F	01/28/93	16.46	11.60	4.86	NLPH	---	---	---	---	---	---	---	---	---
MW6F	02/11/93	16.46	12.25	4.21	NLPH	---	<50	---	---	---	<0.5	<0.5	<0.5	<0.5
MW6F	03/09/93	16.46	12.50	3.96	NLPH	---	---	---	---	---	---	---	---	---
MW6F	04/14/93	16.46	12.71	3.75	NLPH	---	---	---	---	---	---	---	---	---
MW6F	05/11/93	16.46	13.63	2.83	NLPH	---	<50	---	---	---	---	---	---	---
MW6F	06/17/93	16.46	14.02	2.44	NLPH	---	---	---	---	---	---	---	---	---
MW6F	07/26/93	16.46	---	---	---	---	---	---	---	---	---	---	---	---
MW6F	08/10/93	16.46	---	---	---	---	---	---	---	---	---	---	---	---
MW6F	09/21/93	16.46	14.80	1.66	NLPH	---	---	---	---	---	---	---	---	---
MW6F	10/27/93	16.46	14.85	1.61	NLPH	---	<50	---	---	---	<0.5	<0.5	<0.5	<0.5
MW6F	11/23/93	16.46	Well Inaccessible.											
MW6F	12/17/93	16.46	13.86	2.60	NLPH	---	---	---	---	---	---	---	---	---
MW6F	02/16/94	16.46	13.08	3.38	NLPH	---	<50	---	---	---	<0.5	<0.5	<0.5	<0.5
MW6F	05/31/94	16.46	14.06	2.40	NLPH	---	<50	---	---	---	<0.5	<0.5	<0.5	<0.5
MW6F	08/30/94	18.58j	14.84	3.74	NLPH	---	<50	---	---	---	<0.5	<0.5	<0.5	<0.5
MW6F	11/11/94	18.58j	12.60	5.98	NLPH	---	<50	---	---	---	<0.5	0.54	<0.5	<0.5
MW6F	02/27/95	18.58j	12.75	5.83	NLPH	---	<50	---	---	---	6.2	3.0	0.82	3.5
MW6F	05/30/95	18.58j	13.16	5.42	NLPH	---	<50	---	---	---	<0.5	<0.5	<0.5	<0.5
MW6F	08/30/95	18.58j	14.31	4.27	NLPH	---	<50	---	---	<10	<0.5	<0.5	<0.5	<0.5
MW6F	11/26/96	18.58j	13.29	5.29	NLPH	---	<50	---	---	<30	<0.5	<0.5	<0.5	<0.5
MW6F	02/27/97	18.58j	---	---	---	---	---	---	---	---	---	---	---	---

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California

Well ID	Sampling Date	TOC (feet)	DTW (feet)	GW Elev. (feet)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	TPHmo (µg/L)	MTBE 8260B (µg/L)	MTBE 8021B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW6F	05/21/97	18.58j	14.18	4.40	NLPH	---	---	---	---	---	---	---	---	---
MW6F	08/18/97	18.58j	14.69	3.89	NLPH	---	---	---	---	---	---	---	---	---
MW6F	03/13/98	18.58j	10.93	7.65	NLPH	---	<50	---	---	<2.5	<0.5	<0.5	<0.5	<0.5
MW6F	04/20/98	18.58j	11.77	6.81	NLPH	---	---	---	---	---	---	---	---	---
MW6F	07/21/98	22.51	13.62	8.89	NLPH	---	---	---	---	---	---	---	---	---
MW6F	10/06/98	22.51	13.52	8.99	NLPH	---	---	---	---	---	---	---	---	---
MW6F	01/11/99	22.51	14.06	8.45	NLPH	---	---	---	---	---	---	---	---	---
MW6F	04/08/99	22.51	11.86	10.65	NLPH	---	---	---	---	---	---	---	---	---
MW6F	07/19/99	22.51	---	---	---	---	---	---	---	---	---	---	---	---
MW6F	07/27/99	22.51	Well Inaccessible.			---	---	---	---	---	---	---	---	---
MW6F	10/25/99	22.51	12.63	9.88	NLPH	---	---	---	---	---	---	---	---	---
MW6F	01/27/00	22.51	12.23	10.28	NLPH	---	---	---	---	---	---	---	---	---
MW6F	04/03/00	22.51	12.11	10.40	NLPH	---	---	---	---	---	---	---	---	---
MW6F	07/05/00	22.51	13.38	9.13	NLPH	---	<50	---	---	<2	<0.5	<0.5	<0.5	<0.5
MW6F	10/04/00	22.51	14.02	8.49	NLPH	---	<50	---	---	<2	<0.5	<0.5	<0.5	0.7
MW6F	10/05/00	22.51	---	---	---	---	---	<1,000	---	---	---	---	---	---
MW6F	01/04/01	22.51	13.69	8.82	NLPH	---	<50	---	---	<2	<0.5	<0.5	<0.5	<0.5
MW6F	04/03/01	22.51	12.55	9.96	NLPH	---	<50	---	---	<2	<0.5	<0.5	<0.5	<0.5
MW6F	07/05/01	22.51	13.74	8.77	NLPH	---	<50	---	---	<2	<0.5	<0.5	<0.5	<0.5
MW6F	10/03/01	22.51	13.82	8.69	NLPH	---	<50	---	---	<2	<0.5	<0.5	<0.5	<0.5
MW6F	Oct-01	22.17	Well surveyed in compliance with AB 2886 requirements.											
MW6F	01/02/02	22.17	9.16	13.01	NLPH	---	<100	---	---	<0.5	<0.50	<0.50	<0.50	<0.50
MW6F	04/02/02	22.17	12.14	10.03	NLPH	---	<50.0	<100	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW6F	07/01/02	22.17	13.46	8.71	NLPH	---	<50	<100a	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW6F	10/02/02	22.17	14.19	7.98	NLPH	---	<50.0	<100	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW6F	01/07/03	22.17	11.73	10.44	NLPH	---	<50.0	<50	<0.50	<0.5	<0.5	<0.5	<0.5	<0.5
MW6F	06/17/03	22.17	13.13	9.04	NLPH	---	<50.0	<100	<0.50	<0.5	<0.50	<0.5	<0.5	<0.5
MW6F	07/16/03	22.17	13.51	8.66	NLPH	---	<50.0	<100	<0.50	<0.5	<0.50	<0.5	<0.5	<0.5
MW6F	10/07/03	22.17	14.05	8.12	NLPH	<50	<50.0	<100	<0.50	<0.5	<0.50	<0.5	<0.5	<0.5
MW6F	01/14/04	22.17	11.90	10.27	NLPH	<50	<50.0	<100	<0.50	<0.5	<0.50	<0.5	<0.5	<0.5
MW6F	06/03/04	22.17	13.45	8.72	NLPH	<50	<50.0	<100	<0.50	<0.5	<0.50	<0.5	<0.5	<0.5
MW6F	08/12/04	22.17	c	c	c	52c	<50.0c	<100c	<0.50c	---	<0.50c	<0.5c	<0.5c	<0.5c
MW6F	11/04/04	22.17	13.03	9.14	NLPH	<50	<50.0	109	<0.50	---	<0.50	<0.5	<0.5	<0.5
MW6F	02/01/05	22.17	11.56	10.61	NLPH	<100	<50.0	<100	<0.50	---	<0.50	<0.5	<0.5	<0.5
MW6F	05/03/05	22.17	11.92	10.25	NLPH	<50	<50.0	<100	<0.50	---	<0.50	<0.5	<0.5	<0.5
MW6F	08/04/05	22.17	13.42	8.75	NLPH	<50.0	<50.0	<100	<0.500	---	<0.500	<0.500	<0.500	<0.500
MW6F	10/27/05	22.17	13.88	8.29	NLPH	<50.0	<50.0	<50.0	<0.500	---	<0.50	0.93f	<0.50	<0.50
MW6F	01/26/06	22.17	11.83	10.34	NLPH	<50	<50	<500	<0.50	---	<0.50	<0.50	<0.50	<0.50
MW6F	04/28/06	22.17	10.96	11.21	NLPH	<47	<50	<470	<0.50	---	<0.50	<0.50	<0.50	<0.50
MW6F	07/05/06	22.17	13.05	9.12	NLPH	<47.6	<50.0	<95.2	<0.500	---	<1.00	<1.00	<1.00	<3.00
MW6F	10/27/06	22.17	14.06	8.11	NLPH	<47	<50.0	<470	<0.500	---	<0.50	<0.50	<0.50	<0.50
MW6F	**01/19/07**	**22.17**	**13.06**	**9.11**	**NLPH**	**<47**	**<50.0**	**<470**	**<0.500**	**---**	**<0.50**	**<0.50**	**<0.50**	**<0.50**
MW6G	11/16/88	99.16i	Well installed.											
MW6G	12/07/88	99.16i	---	---	---	---	---	---	---	---	---	---	---	---
MW6G	12/15/88	99.16i	12.22	86.94i	---	---	ND	---	---	---	<0.5	<1	<2	<1
MW6G	09/07/89	99.16i	---	---	---	---	ND	---	---	---	ND	ND	ND	ND
MW6G	04/30/90	99.16i	11.73	87.43i	---	---	ND	---	---	---	ND	ND	ND	ND
MW6G	10/16/90	99.16i	12.28	86.88i	---	---	---	---	---	---	---	---	---	---
MW6G	12/06/90	99.16i	12.27	86.89i	---	---	---	---	---	---	---	---	---	---
MW6G	01/14/91	99.16i	12.14	87.02i	---	---	---	---	---	---	---	---	---	---
MW6G	02/08/91	99.16i	11.44	87.72i	---	---	---	---	---	---	---	---	---	---

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California

Well ID	Sampling Date	TOC (feet)	DTW (feet)	GW Elev. (feet)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	TPHmo (µg/L)	MTBE 8260B (µg/L)	MTBE 8021B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW6G	04/02/91	99.16i	10.03	89.13i	---	---	---	---	---	---	---	---	---	---
MW6G	05/07/91	99.16i	11.00	88.16i	---	---	ND	---	---	---	ND	<0.5	<0.5	<0.5
MW6G	05/31/91	99.16i	11.75	87.41i	---	---	---	---	---	---	---	---	---	---
MW6G	06/26/91	99.16i	12.91	86.25i	---	---	---	---	---	---	---	---	---	---
MW6G	08/05/91	99.16i	12.43	86.73i	---	---	---	---	---	---	---	---	---	---
MW6G	08/14/91	99.16i	12.43	86.73i	---	---	ND	---	---	---	ND	<0.5	<0.5	<0.5
MW6G	09/11/91	99.16i	12.48	86.68i	---	---	---	---	---	---	---	---	---	---
MW6G	10/16/91	99.16i	12.64	86.52i	---	---	---	---	---	---	---	---	---	---
MW6G	12/30/91	99.16i	11.80	87.36i	---	---	---	---	---	---	---	---	---	---
MW6G	12/31/91	99.16i	---	---	---	---	ND	---	---	---	ND	<0.5	<0.5	<0.5
MW6G	02/25/92	99.91i	10.32	88.84i	---	---	---	---	---	---	---	---	---	---
MW6G	03/25/92	99.91i	9.93	89.23i	---	---	ND	---	---	---	ND	<0.5	<0.5	<0.5
MW6G	06/16/92	14.71	11.88	2.83	---	---	ND	---	---	---	ND	<0.5	<0.5	<0.5
MW6G	09/08/92	14.71	12.20	2.51	NLPH	---	<50	---	---	---	<0.5	<0.5	<0.5	<0.5
MW6G	11/05/92	14.71	12.02	2.69	NLPH	---	<50	---	---	---	<0.5	<0.5	<0.5	<0.5
MW6G	12/14/92	14.71	10.95	3.76	NLPH	---	---	---	---	---	---	---	---	---
MW6G	01/28/93	14.71	9.56	5.15	NLPH	---	---	---	---	---	---	---	---	---
MW6G	02/11/93	14.71	10.04	4.67	NLPH	---	<50	---	---	---	<0.5	<0.5	<0.5	<0.5
MW6G	03/09/93	14.71	10.10	4.61	NLPH	---	---	---	---	---	---	---	---	---
MW6G	04/14/93	14.71	10.43	4.28	NLPH	---	---	---	---	---	---	---	---	---
MW6G	05/11/93	14.71	11.05	3.66	NLPH	---	<50	---	---	---	<0.5	<0.5	<0.5	<0.5
MW6G	06/17/93	14.71	11.49	3.22	NLPH	---	---	---	---	---	---	---	---	---
MW6G	07/26/93	14.71	11.98	2.73	NLPH	---	---	---	---	---	---	---	---	---
MW6G	08/10/93	14.71	12.17	2.54	NLPH	---	<50	---	---	---	<0.5	<0.5	<0.5	<0.5
MW6G	09/21/93	14.71	12.42	2.29	NLPH	---	---	---	---	---	---	---	---	---
MW6G	10/27/93	14.71	13.47	1.24	NLPH	---	<50	---	---	---	<0.5	<0.5	<0.5	<0.5
MW6G	11/23/93	14.71	12.48	2.23	NLPH	---	---	---	---	---	---	---	---	---
MW6G	12/17/93	14.71	11.19	3.52	NLPH	---	---	---	---	---	---	---	---	---
MW6G	02/16/94	14.71	10.62	4.09	NLPH	---	<50	---	---	---	<0.5	<0.5	<0.5	<0.5
MW6G	05/31/94	14.71	11.40	3.31	NLPH	---	<50	---	---	---	<0.5	<0.5	<0.5	<0.5
MW6G	08/30/94	16.82j	12.32	4.50	NLPH	---	<50	---	---	---	<0.5	<0.5	<0.5	<0.5
MW6G	11/11/94	16.82j	11.06	5.76	NLPH	---	58	---	---	---	0.58	1.6	<0.5	1.6
MW6G	02/27/95	16.82j	10.32	6.50	NLPH	---	<50	---	---	---	0.86	0.99	<0.5	0.51
MW6G	05/30/95	16.82j	10.77	6.05	NLPH	---	<50	---	---	---	<0.5	<0.5	<0.5	<0.5
MW6G	08/30/95	16.82j	11.92	4.90	NLPH	---	<50	---	---	<10	<0.5	<0.5	<0.5	<0.5
MW6G	11/26/96	16.82j	11.12	5.70	NLPH	---	<50	---	---	<30	<0.5	<0.5	<0.5	<0.5
MW6G	02/27/97	16.82j	---	---	---	---	---	---	---	---	---	---	---	---
MW6G	05/21/97	16.82j	11.76	5.06	NLPH	---	---	---	---	---	---	---	---	---
MW6G	08/18/97	16.82j	12.23	4.59	NLPH	---	---	---	---	---	---	---	---	---
MW6G	03/13/98	16.82j	9.13	7.69	NLPH	---	<50	---	---	4.4	<0.5	<0.5	<0.5	<0.5
MW6G	04/20/98	16.82j	9.73	7.09	NLPH	---	---	---	---	---	---	---	---	---
MW6G	07/21/98	20.72	11.15	9.57	NLPH	---	---	---	---	---	---	---	---	---
MW6G	10/06/98	20.72	11.91	8.81	NLPH	---	---	---	---	---	---	---	---	---
MW6G	01/11/99	20.72	12.00	8.72	NLPH	---	---	---	---	---	---	---	---	---
MW6G	04/08/99	20.72	10.04	10.68	NLPH	---	---	---	---	---	---	---	---	---
MW6G	07/19/99	20.72	---	---	---	---	---	---	---	---	---	---	---	---
MW6G	07/27/99	20.72	11.75	8.97	NLPH	---	---	---	---	---	---	---	---	---
MW6G	10/25/99	20.72	11.76	8.96	NLPH	---	---	---	---	---	---	---	---	---
MW6G	01/27/00	20.72	11.46	9.26	NLPH	---	---	---	---	---	---	---	---	---
MW6G	04/03/00	20.72	10.00	10.72	NLPH	---	---	---	---	---	---	---	---	---
MW6G	07/05/00	20.72	11.24	9.48	NLPH	---	<50	---	---	<2	<0.5	<0.5	<0.5	<0.5
MW6G	10/04/00	20.72	11.88	8.84	NLPH	---	<50	---	---	<2	<0.5	<0.5	<0.5	<0.5

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California

Well ID	Sampling Date	TOC (feet)	DTW (feet)	GW Elev. (feet)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	TPHmo (µg/L)	MTBE 8260B (µg/L)	MTBE 8021B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW6G	10/05/00	20.72	---	---	---	---	---	<1,000	---	---	---	---	---	---
MW6G	01/04/01	20.72	11.56	9.16	NLPH	---	<50	---	---	<2	<0.5	<0.5	<0.5	<0.5
MW6G	04/03/01	20.72	10.45	10.27	NLPH	---	<50	---	---	<2	<0.5	<0.5	<0.5	<0.5
MW6G	07/05/01	20.72	11.51	9.21	NLPH	---	<50	---	---	<2	0.75	<0.5	<0.5	<0.5
MW6G	10/03/01	20.72	11.63	9.09	NLPH	---	<50	---	---	<2	<0.5	<0.5	<0.5	<0.5
MW6G	Oct-01	20.46	Well surveyed in compliance with AB 2886 requirements.											
MW6G	01/02/02	20.46	9.15	11.31	NLPH	---	<100	---	---	1.8	<0.50	<0.50	<0.50	<0.50
MW6G	04/02/02	20.46	10.19	10.27	NLPH	---	<50.0	<100	---	1.10	<0.50	<0.50	<0.50	<0.50
MW6G	07/01/02	20.46	11.35	9.11	NLPH	---	<50	<100a	---	1.3	<0.5	<0.5	<0.5	<0.5
MW6G	10/02/02	20.46	11.99	8.47	NLPH	---	<50.0	<100	---	0.7	<0.5	<0.5	<0.5	<0.5
MW6G	01/07/03	20.46	9.97	10.49	NLPH	---	<50.0	<50	2.0	1.3	<0.5	<0.5	<0.5	<0.5
MW6G	06/17/03	20.46	10.98	9.48	NLPH	---	<50.0	<100	1.6	1.5	<0.50	<0.5	<0.5	<0.5
MW6G	07/16/03	20.46	11.37	9.09	NLPH	---	<50.0	<100	0.9	1.2	<0.50	<0.5	<0.5	<0.5
MW6G	10/07/03	20.46	11.90	8.56	NLPH	<50	<50.0	<100	0.80	0.8	<0.50	<0.5	<0.5	<0.5
MW6G	01/14/04	20.46	10.10	10.36	NLPH	<50	<50.0	<100	1.40	1.0	<0.50	<0.5	<0.5	<0.5
MW6G	06/03/04	20.46	11.10	9.36	NLPH	<50	<50.0	<100	1.4	1.40	<0.50	<0.5	<0.5	<0.5
MW6G	08/12/04	20.46	c	c	c	99c	<50.0c	101c	1.10c	---	<0.50c	<0.5c	<0.5c	<0.5c
MW6G	11/04/04	20.46	11.18	9.28	NLPH	<50	<50.0	<100	<0.50	---	<0.50	<0.5	<0.5	<0.5
MW6G	02/01/05	20.46	9.79	10.67	NLPH	<100	<50.0	<100	3.40	---	<0.50	<0.5	<0.5	<0.5
MW6G	05/03/05	20.46	9.95	10.51	NLPH	<50	<50.0	<100	1.40	---	<0.50	<0.5	<0.5	<0.5
MW6G	08/04/05	20.46	11.22	9.24	NLPH	<50.0	<50.0	<100	1.42	---	<0.500	<0.500	<0.500	<0.500
MW6G	10/27/05	20.46	11.76	8.70	NLPH	<50.0	<50.0	61.3	0.810	---	<0.50	0.93f	<0.50	<0.50
MW6G	01/26/06	20.46	11.07	9.39	NLPH	<50	<50	<500	1.8	---	<0.50	<0.50	<0.50	<0.50
MW6G	04/28/06	20.46	9.11	11.35	NLPH	<47	<50	<470	2.8	---	<0.50	<0.50	<0.50	<0.50
MW6G	07/05/06	20.46	10.70	9.76	NLPH	88.6	<50.0	277	2.49	---	<1.00	<1.00	<1.00	<3.00
MW6G	10/27/06	20.46	11.75	8.71	NLPH	<47	61.9	<470	1.40	---	<0.50	<0.50	<0.50	<0.50
MW6G	**01/19/07**	**20.46**	**10.94**	**9.52**	**NLPH**	**<47**	**<50.0**	**<470**	**1.34**	**---**	**<0.50**	**<0.50**	**<0.50**	**<0.50**
MW6H	11/16/88		Well installed.											
MW6H	12/07/88	97.93i	---	---	---	---	---	---	---	---	1,200	320	110	220
MW6H	12/15/88	97.93i	12.36	85.57i	---	---	---	---	---	---	---	---	---	---
MW6H	09/07/89	97.93i	---	---	---	---	660	---	---	---	480	<10	16	<15
MW6H	04/30/90	97.93i	12.10	85.83i	---	---	630	---	---	---	700	39	31	50
MW6H	10/16/90	97.93i	12.18	85.75i	---	---	---	---	---	---	---	---	---	---
MW6H	12/06/90	97.93i	12.29	85.64i	---	---	---	---	---	---	---	---	---	---
MW6H	01/14/91	97.93i	12.22	85.71i	---	---	---	---	---	---	---	---	---	---
MW6H	02/08/91	97.93i	11.93	86.00i	---	---	---	---	---	---	---	---	---	---
MW6H	04/02/91	97.93i	11.59	86.34i	---	---	---	---	---	---	---	---	---	---
MW6H	05/07/91	97.93i	12.24	85.69i	---	---	---	---	---	---	---	---	---	---
MW6H	05/31/91	97.93i	12.22	85.71i	---	---	570	---	---	---	95	14	15	21
MW6H	06/26/91	97.93i	14.34	83.59i	---	---	---	---	---	---	---	---	---	---
MW6H	08/05/91	97.93i	12.62	85.31i	---	---	---	---	---	---	---	---	---	---
MW6H	08/14/91	97.93i	12.43	85.50i	---	---	---	---	---	---	---	---	---	---
MW6H	09/11/91	97.93i	12.83	85.10i	---	---	540	---	---	---	52	9.9	11	18
MW6H	10/16/91	97.93i	12.71	85.22i	---	---	---	---	---	---	---	---	---	---
MW6H	12/30/91	97.93i	12.16	85.77i	---	---	---	---	---	---	---	---	---	---
MW6H	12/31/91	97.93i	---	---	---	---	---	---	---	---	---	---	---	---
MW6H	02/25/92	97.93i	12.17	85.76i	---	---	790	---	---	---	52	28	22	42
MW6H	03/25/92	97.93i	11.65	86.28i	---	---	---	---	---	---	---	---	---	---
MW6H	06/16/92	14.47	12.12	2.35	---	---	920	---	---	---	170	52	25	54
MW6H	09/08/92	14.47	12.30	2.17	NLPH	---	460	---	---	---	31	11	6.8	16
MW6H	11/05/92	14.47	12.05	2.42	NLPH	---	780	---	---	---	69	23	17	18
							3,400	---	---	---	500	260	85	160

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California

Well ID	Sampling Date	TOC (feet)	DTW (feet)	GW Elev. (feet)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	TPHmo (µg/L)	MTBE 8260B (µg/L)	MTBE 8021B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW6H	12/14/92	14.47	11.65	2.82	NLPH	---	---	---	---	---	---	---	---	---
MW6H	01/28/93	14.47	11.57	2.90	NLPH	---	---	---	---	---	---	---	---	---
MW6H	02/11/93	14.47	12.22	2.25	NLPH	---	2,500	---	---	---	410	170	28	130
MW6H	03/09/93	14.47	12.02	2.45	NLPH	---	---	---	---	---	---	---	---	---
MW6H	04/14/93	14.47	12.02	2.45	NLPH	---	---	---	---	---	---	---	---	---
MW6H	05/11/93	14.47	12.35	2.12	NLPH	---	4,200	---	---	---	490	270	80	210
MW6H	06/17/93	14.47	12.22	2.25	NLPH	---	---	---	---	---	---	---	---	---
MW6H	07/26/93	14.47	12.32	2.15	NLPH	---	---	---	---	---	---	---	---	---
MW6H	08/10/93	14.47	12.30	2.17	NLPH	---	650	---	---	---	83	22	14	29
MW6H	09/21/93	14.47	12.79	1.68	NLPH	---	---	---	---	---	---	---	---	---
MW6H	10/27/93	14.47	13.93	0.54	NLPH	---	1,600	---	---	---	130	90	29	130
MW6H	11/23/93	14.47	12.46	2.01	NLPH	---	---	---	---	---	---	---	---	---
MW6H	12/17/93	14.47	12.08	2.39	NLPH	---	---	---	---	---	---	---	---	---
MW6H	02/16/94	14.47	12.31	2.16	NLPH	---	<50	---	---	---	<0.5	<0.5	<0.5	2.9
MW6H	05/31/94	14.47	12.46	2.01	NLPH	---	1,800	---	---	---	370	220	65	210
MW6H	08/30/94	16.58j	12.72	3.86	NLPH	---	1,900	---	---	---	130	90	19	86
MW6H	11/11/94	16.58j	11.98	4.60	NLPH	---	13,000	---	---	---	1,700	1,400	260	1,800
MW6H	02/27/95	16.58j	11.89	4.69	NLPH	---	320	---	---	---	450	120	28	79
MW6H	05/30/95	16.58j	12.05	4.53	NLPH	---	2,300	---	---	---	960	260	64	200
MW6H	08/30/95	16.58j	12.34	4.24	NLPH	---	2,100	---	---	50	590	35	24	74
MW6H	11/26/96	16.58j	11.87	4.71	NLPH	---	1,200	---	---	<30	320	110	22	85
MW6H	02/27/97	16.58j	11.58	5.00	NLPH	---	1,800	---	---	<200	760	31	8.4	44
MW6H	05/21/97	16.58j	12.23	4.35	NLPH	---	1,100	---	---	81	640	18	5.4	45
MW6H	08/18/97	16.58j	12.29	4.29	NLPH	---	870	---	---	26	200	3.6	2.4	7.4
MW6H	03/13/98	20.47	11.44	9.03	NLPH	---	5,300	---	---	<125	1,900	720	100	470
MW6H	04/20/98	20.47	11.58	8.89	NLPH	---	6,000	---	---	2,700	1,500	600	91	440
MW6H	07/21/98	20.47	11.97	8.50	NLPH	---	2,200	---	---	1,600	740	44	15	63
MW6H	10/06/98	20.47	12.23	8.24	NLPH	---	5,400	---	---	3,000	1,900	<25	<25	76
MW6H	01/11/99	20.47	12.17	8.30	NLPH	---	2,600	---	---	4,300	1,200	<12	<12	20
MW6H	04/08/99	20.47	11.56	8.91	NLPH	---	13,000	---	---	13,000	3,400	1,300	260	1,200
MW6H	07/19/99	20.47	11.71	8.76	NLPH	---	<2,000	---	8,520	6,920	732	<20	<20	<20
MW6H	07/27/99	20.47	12.39	8.08	NLPH	---	---	---	---	---	---	---	---	---
MW6H	10/25/99	20.47	12.16	8.31	NLPH	---	700	---	---	4,000	360	1.1	0.68	2
MW6H	01/27/00	20.47	11.60	8.87	NLPH	---	9,100	---	---	7,600	2,400	840	150	670
MW6H	04/03/00	20.47	11.62	8.85	NLPH	---	12,000	---	---	8,800	2,800	1,100	230	1,020
MW6H	07/05/00	20.47	11.93	8.54	NLPH	---	12,000	---	---	8,000	1,200	56	13	92
MW6H	10/04/00	20.47	12.16	8.31	NLPH	---	4,400	---	---	8,400	1,500	23	12	80.6
MW6H	10/05/00	20.47	---	---	---	---	---	<1,000	---	---	---	---	---	---
MW6H	01/04/01	20.47	12.03	8.44	NLPH	---	2,300	---	---	3,800	880	15	6.4	33.9
MW6H	04/03/01	20.47	11.73	8.74	NLPH	---	7,800	---	---	5,100	2,000	730	140	590
MW6H	07/05/01	20.47	11.98	8.49	NLPH	---	2,300	---	---	3,200	630	25	10	40.8
MW6H	10/03/01	20.47	12.1	8.37	NLPH	---	1,400	---	---	550	270	5.6	4.2	11.6
MW6H	Oct-01	20.20	Well surveyed in compliance with AB 2886 requirements.											
MW6H	01/02/02	20.20	11.14	9.06	NLPH	---	47,100	---	---	4,260	7,880	5,220	1,060	4,460
MW6H	04/02/02	20.20	11.68	8.52	NLPH	---	17,500	<500	---	1,590	2,280	1,290	282	1,090
MW6H	07/01/02	20.20	11.97	8.23	NLPH	---	5,370	<100a	---	1,910	1,170	200	44.0	158
MW6H	10/02/02	20.20	12.20	8.00	NLPH	---	2,570	<100	---	899	655	13.0	8.0	25.0
MW6H	01/07/03	20.20	11.58	8.62	NLPH	---	12,500	<50	2,500	1,700	2,480	1,340	250	1,120
MW6H	06/17/03	20.20	11.82	8.38	NLPH	---	6,330	<100	1,660	1,490	604	104	44.0	152
MW6H	07/16/03	20.20	12.89	7.31	NLPH	---	3,170	<100	1,170	1,270	614	20.0	9.5	31.8
MW6H	10/07/03	20.20	12.10	8.10	NLPH	---	2,090	<100	640	612	433	11.6	6.7	22.5
MW6H	01/14/04	20.20	11.55	8.65	NLPH	390	6,320	<100	1,250	59.0	1,340	517	117	515

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California

Well ID	Sampling Date	TOC (feet)	DTW (feet)	GW Elev. (feet)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	TPHmo (µg/L)	MTBE 8260B (µg/L)	MTBE 8021B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW6H	06/03/04	20.20	11.92	8.28	NLPH	---	3,330	<100	632	604	546	128	38.4	140
MW6H	08/12/04	20.20	c	c	c	174c	1,920c	<100c	426c	---	330c	17.9c	9.3c	35.3c
MW6H	11/04/04	20.20	11.86	8.34	NLPH	578	8,090	552	442	---	1,280	620	185	822
MW6H	02/01/05	20.20	11.55	8.65	NLPH	616	9,500	193	335	---	1,360	764	214	844
MW6H	05/03/05	20.20	11.54	8.66	NLPH	560d	9,120	168	323	---	1,320	886	245	928
MW6H	08/04/05	20.20	11.89	8.31	NLPH	269d	1,810	143	268	---	349	57.0	20.1	70.0
MW6H	10/27/05	20.20	12.10	8.10	NLPH	228	942	98.5	164	---	154	23.1f	6.09	23.2
MW6H	01/26/06	20.20	11.54	8.66	NLPH	910d	20,000	<500	270	---	3,200	3,400	660	3,100
MW6H	04/28/06	20.20	11.29	8.91	NLPH	550d	11,000	<470	160	---	2,000	1,500	380	1,600
MW6H	07/05/06	20.20	11.90	8.30	NLPH	273	2,360	114	82.9	---	389	111	39.5	125
MW6H	10/27/06	20.20	12.08	8.12	NLPH	120d	1,460	<470	69.4	---	215	27.9	16.2	43.4
MW6H	**01/19/07**	**20.20**	**11.81**	**8.39**	**NLPH**	**290d**	**4,950**	**<470**	**77.5**	**---**	**831**	**638**	**129**	**451**
MW6I	11/17/88		Well installed.											
MW6I	12/07/88	97.60i	---	---	---	---	ND	---	---	---	<0.5	<1	<2	<1
MW6I	12/15/88	97.60i	12.83	84.77i	---	---	---	---	---	---	---	---	---	---
MW6I	09/07/89	97.60i	---	---	---	---	ND	---	---	---	ND	ND	ND	ND
MW6I	04/30/90	97.60i	12.66	84.94i	---	---	ND	---	---	---	ND	ND	ND	ND
MW6I	10/16/90	97.60i	12.71	84.89i	---	---	---	---	---	---	---	---	---	---
MW6I	12/06/90	97.60i	12.75	84.85i	---	---	---	---	---	---	---	---	---	---
MW6I	01/14/91	97.60i	12.55	85.05i	---	---	---	---	---	---	---	---	---	---
MW6I	02/08/91	97.60i	12.32	85.28i	---	---	---	---	---	---	---	---	---	---
MW6I	04/02/91	97.60i	12.22	85.38i	---	---	---	---	---	---	---	---	---	---
MW6I	05/07/91	97.60i	12.61	84.99i	---	---	ND	---	---	---	ND	<0.5	<0.5	<0.5
MW6I	05/31/91	97.60i	12.82	84.78i	---	---	---	---	---	---	---	---	---	---
MW6I	06/26/91	97.60i	12.93	84.67i	---	---	---	---	---	---	---	---	---	---
MW6I	08/05/91	97.60i	13.01	84.59i	---	---	---	---	---	---	---	---	---	---
MW6I	08/14/91	97.60i	12.98	84.62i	---	---	ND	---	---	---	ND	<0.5	<0.5	<0.5
MW6I	09/11/91	97.60i	13.11	84.49i	---	---	---	---	---	---	---	---	---	---
MW6I	10/16/91	97.60i	13.04	84.56i	---	---	---	---	---	---	---	---	---	---
MW6I	12/30/91	97.60i	12.72	84.88i	---	---	---	---	---	---	---	---	---	---
MW6I	12/31/91	97.60i	---	---	---	---	ND	---	---	---	ND	<0.5	<0.5	<0.5
MW6I	02/25/92	97.60i	12.45	85.15i	---	---	---	---	---	---	---	---	---	---
MW6I	03/25/92	97.60i	12.12	85.48i	---	---	ND	---	---	---	ND	<0.5	<0.5	<0.5
MW6I	06/16/92	14.14	12.75	1.39	---	---	ND	---	---	---	ND	<0.5	<0.5	<0.5
MW6I	09/08/92	14.14	12.84	1.30	NLPH	---	<50	---	---	---	<0.5	<0.5	<0.5	<0.5
MW6I	11/05/92	14.14	12.75	1.39	NLPH	---	<50	---	---	---	<0.5	<0.5	<0.5	<0.5
MW6I	12/14/92	14.14	12.40	1.74	NLPH	---	---	---	---	---	---	---	---	---
MW6I	01/28/93	14.14	12.20	1.94	NLPH	---	---	---	---	---	---	---	---	---
MW6I	02/11/93	14.14	12.40	1.74	NLPH	---	<50	---	---	---	<0.5	<0.5	<0.5	<0.5
MW6I	03/09/93	14.14	12.45	1.69	NLPH	---	---	---	---	---	---	---	---	---
MW6I	04/14/93	14.14	12.43	1.71	NLPH	---	---	---	---	---	---	---	---	---
MW6I	05/11/93	14.14	12.73	1.41	NLPH	---	<50	---	---	---	<0.5	<0.5	<0.5	<0.5
MW6I	06/17/93	14.14	12.78	1.36	NLPH	---	---	---	---	---	---	---	---	---
MW6I	07/26/93	14.14	12.92	1.22	NLPH	---	---	---	---	---	---	---	---	---
MW6I	08/10/93	14.14	12.97	1.17	NLPH	---	<50	---	---	---	<0.5	<0.5	<0.5	<0.5
MW6I	09/21/93	14.14	13.02	1.12	NLPH	---	---	---	---	---	---	---	---	---
MW6I	10/27/93	14.14	13.10	1.04	NLPH	---	<50	---	---	---	<0.5	<0.5	<0.5	1.1
MW6I	11/23/93	14.14	13.02	1.12	NLPH	---	---	---	---	---	---	---	---	---
MW6I	12/17/93	14.14	12.65	1.49	NLPH	---	---	---	---	---	---	---	---	---
MW6I	02/16/94	14.14	12.66	1.48	NLPH	---	<50	---	---	---	<0.5	<0.5	<0.5	<0.5
MW6I	05/31/94	14.14	12.90	1.24	NLPH	---	<50	---	---	---	<0.5	<0.5	<0.5	<0.5

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California

Well ID	Sampling Date	TOC (feet)	DTW (feet)	GW Elev. (feet)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	TPHmo (µg/L)	MTBE 8260B (µg/L)	MTBE 8021B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW6I	08/30/94	16.26j	13.06	3.20	NLPH	---	<50	---	---	---	<0.5	<0.5	<0.5	<0.5
MW6I	11/11/94	16.26j	15.20	1.06	NLPH	---	53	---	---	---	0.62	1.8	<0.5	2.0
MW6I	02/27/95	16.26j	12.51	3.75	NLPH	---	<50	---	---	---	<0.5	<0.5	<0.5	<0.5
MW6I	05/30/95	16.26j	12.57	3.69	NLPH	---	69	---	---	---	2.8	0.96	1.1	4.3
MW6I	08/30/95	16.26j	12.86	3.4	NLPH	---	<50	---	---	<10	<0.5	<0.5	<0.5	<0.5
MW6I	11/26/96	16.26j	12.45	3.81	NLPH	---	<50	---	---	<30	<0.5	<0.5	<0.5	<0.5
MW6I	02/27/97	16.26j	12.24	4.02	NLPH	---	<50	---	---	<30	<0.5	<0.5	<0.5	<0.5
MW6I	05/21/97	16.26j	12.82	3.44	NLPH	---	<50	---	---	<30	<0.5	<0.5	<0.5	<0.5
MW6I	08/18/97	16.26j	12.81	3.45	NLPH	---	<50	---	---	<30	<0.5	<0.5	<0.5	<0.5
MW6I	03/13/98	16.26j	---	---	---	---	---	---	---	---	---	---	---	---
MW6I	04/20/98	16.26j	12.14	4.12	NLPH	---	<50	---	---	<2.5	<0.5	<0.5	<0.5	<0.5
MW6I	07/21/98	20.24	12.59	7.65	NLPH	---	<50	---	---	<2.5	<0.5	<0.5	<0.5	<0.5
MW6I	10/06/98	20.24	12.81	7.43	NLPH	---	---	---	---	---	---	---	---	---
MW6I	01/11/99	20.24	12.74	7.50	NLPH	---	<50	---	---	<2.5	<0.5	<0.5	<0.5	<0.5
MW6I	04/08/99	20.24	11.93	8.31	NLPH	---	---	---	---	---	---	---	---	---
MW6I	07/19/99	20.24	11.75	8.49	NLPH	---	281	---	---	17.6	35.4	9.1	7.4	30.7
MW6I	07/27/99	20.24	12.95	7.29	NLPH	---	---	---	---	---	---	---	---	---
MW6I	10/25/99	20.24	12.79	7.45	NLPH	---	---	---	---	---	---	---	---	---
MW6I	01/27/00	20.24	12.06	8.18	NLPH	---	<50	---	---	<2	<0.5	<0.5	<0.5	<0.5
MW6I	04/03/00	20.24	12.24	8.00	NLPH	---	---	---	---	---	---	---	---	---
MW6I	07/05/00	20.24	12.48	7.76	NLPH	---	<50	---	---	<2	<0.5	<0.5	<0.5	<0.5
MW6I	10/04/00	20.24	---	---	---	---	---	---	---	---	---	---	---	---
MW6I	10/05/00	20.24	---	---	---	---	---	<1,000	---	---	---	---	---	---
MW6I	01/04/01	20.24	12.54	7.70	NLPH	---	<50	---	---	<2	<0.5	<0.5	<0.5	<0.5
MW6I	04/03/01	20.24	12.32	7.92	NLPH	---	<50	---	---	<2	<0.5	<0.5	<0.5	<0.5
MW6I	07/05/01	20.24	12.55	7.69	NLPH	---	<50	---	---	<2	<0.5	<0.5	<0.5	<0.5
MW6I	10/03/01	20.24	12.67	7.57	NLPH	---	<50	---	---	<2	<0.5	<0.5	<0.5	<0.5
MW6I	Oct-01	19.87	Well surveyed in compliance with AB 2886 requirements.											
MW6I	01/02/02	19.87	10.98	8.89	NLPH	---	<100	---	---	<0.5	<0.50	<0.50	<0.50	<0.50
MW6I	04/02/02 b	19.87	12.24	7.63	NLPH	---	---	---	---	---	---	---	---	---
MW6I	07/01/02	19.87	12.51	7.36	NLPH	---	<50	<100a	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW6I	10/02/02 b	19.87	12.72	7.15	NLPH	---	---	---	---	---	---	---	---	---
MW6I	01/07/03	19.87	12.09	7.78	NLPH	---	<50.0	<50	1.10	<0.5	<0.5	<0.5	<0.5	<0.5
MW6I	06/17/03 b	19.87	---	---	---	---	---	---	---	---	---	---	---	---
MW6I	07/16/03	19.87	12.49	7.38	NLPH	---	<50.0	<100	<0.50	<0.5	<0.50	<0.5	<0.5	<0.5
MW6I	10/07/03 b	19.87	12.64	7.23	NLPH	---	---	---	---	---	---	---	---	---
MW6I	01/14/04	19.87	12.13	7.74	NLPH	---	<50.0	<100	<0.50	<0.5	<0.50	<0.5	<0.5	<0.5
MW6I	06/03/04 b	19.87	12.56	7.31	NLPH	---	---	---	---	---	---	---	---	---
MW6I	08/12/04	19.87	c	c	c	99c	<50.0c	155c	<0.50c	---	<0.50c	<0.5c	<0.5c	0.8c
MW6I	11/04/04 b	19.87	12.33	7.54	NLPH	---	---	---	---	---	---	---	---	---
MW6I	02/01/05	19.87	12.09	7.78	NLPH	<100	<50.0	<100	<0.50	---	<0.50	<0.5	<0.5	<0.5
MW6I	05/03/05 b	19.87	12.16	7.71	NLPH	---	---	---	---	---	---	---	---	---
MW6I	08/04/05	19.87	12.46	7.41	NLPH	54.2d	<50.0	<100	<0.500	---	<0.500	<0.500	<0.500	<0.500
MW6I	10/27/05 b	19.87	12.58	7.29	NLPH	---	---	---	---	---	---	---	---	---
MW6I	01/26/06	19.87	12.04	7.83	NLPH	<50	<50	<500	<0.50	---	<0.50	<0.50	<0.50	<0.50
MW6I	04/28/06 b	19.87	11.94	7.93	NLPH	---	---	---	---	---	---	---	---	---
MW6I	07/05/06	19.87	13.06	6.81	NLPH	<47.6	<50.0	<95.2	<0.500	---	<1.00	<1.00	<1.00	<3.00
MW6I	10/27/06 b	19.87	12.64	7.23	NLPH	---	---	---	---	---	---	---	---	---
MW6I	**01/19/07**	**19.87**	**12.41**	**7.46**	**NLPH**	**<47**	**<50.0**	**<470**	**<0.500**	**---**	**<0.50**	**<0.50**	**<0.50**	**0.62**
MW6J	04/06/01	---	Well installed.											

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California

Well ID	Sampling Date	TOC (feet)	DTW (feet)	GW Elev. (feet)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	TPHmo (µg/L)	MTBE 8260B (µg/L)	MTBE 8021B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW6J	07/05/01	20.72	13.47	7.25	NLPH	---	<50	---	---	<2	<0.5	<0.5	<0.5	<0.5
MW6J	10/03/01	20.72	13.57	7.15	NLPH	---	<50	---	---	<2	<0.5	<0.5	<0.5	<0.5
MW6J	Oct-01	20.75	Well surveyed in compliance with AB 2886 requirements.											
MW6J	01/02/02	20.75	13.19	7.56	NLPH	---	<100	---	---	<0.5	<0.50	<0.50	<0.50	<0.50
MW6J	04/02/02	20.75	13.74	7.01	NLPH	---	<50.0	<100	---	1.00	0.80	<0.50	<0.50	0.80
MW6J	07/01/02	20.75	13.58	7.17	NLPH	---	<50	<100a	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW6J	10/02/02	20.75	13.79	6.96	NLPH	---	<50.0	<100	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW6J	01/07/03	20.75	13.49	7.26	NLPH	---	<50.0	<50	1.30	0.60	<0.5	<0.5	<0.5	<0.5
MW6J	06/17/03	20.75	13.76	6.99	NLPH	---	<50.0	<100	0.70	3.00	<0.50	<0.5	<0.5	<0.5
MW6J	07/16/03	20.75	13.57	7.18	NLPH	---	<50.0	<100	0.60	0.70	<0.50	<0.5	<0.5	<0.5
MW6J	10/07/03	20.75	13.74	7.01	NLPH	---	<50.0	<100	1.20	1.1	<0.50	<0.5	<0.5	<0.5
MW6J	01/14/04	20.75	13.46	7.29	NLPH	<50	<50.0	<100	1.80	1.8	<0.50	<0.5	<0.5	<0.5
MW6J	06/03/04	20.75	13.72	7.03	NLPH	<50	<50.0	<100	10.3	5.1	0.50	<0.5	<0.5	<0.5
MW6J	08/12/04	20.75	c	c	c	<50c	<50.0c	<100c	3.30c	---	1.40c	2.1c	1.3c	4.6c
MW6J	11/04/04	20.75	13.68	7.07	NLPH	<50	<50.0	116	3.50	---	0.50	0.5	<0.5	<0.5
MW6J	02/01/05	20.75	13.47	7.28	NLPH	<100	<50.0	<100	5.50	---	<0.50	<0.5	<0.5	0.6
MW6J	05/03/05	20.75	13.66	7.09	NLPH	<50	<50.0	<100	3.00	---	0.70	0.9	0.6	0.8
MW6J	08/04/05	20.75	13.75	7.00	NLPH	55.8d	<50.0	130	<0.500	---	<0.500	<0.500	<0.500	<0.500
MW6J	10/27/05	20.75	13.71	7.04	NLPH	<50.0	<50.0	<50.0	2.48	---	<0.50	0.94f	<0.50	<0.50
MW6J	01/26/06	20.75	13.49	7.26	NLPH	<50	<50	<500	6.2	---	<0.50	<0.50	<0.50	<0.50
MW6J	04/28/06	20.75	13.56	7.19	NLPH	<47	<50	<470	7.2	---	<0.50	<0.50	<0.50	<0.50
MW6J	07/05/06	20.75	13.75	7.00	NLPH	<47.6	<50.0	<95.2	7.73	---	<1.00	<1.00	<1.00	<3.00
MW6J	10/27/06	20.75	13.66	7.09	NLPH	<47	67.7	<470	9.15	---	<0.50	<0.50	<0.50	<0.50
MW6J	**01/19/07**	**20.75**	**13.51**	**7.24**	**NLPH**	**<47**	**<50.0**	**<470**	**12.1**	**---**	**<0.50**	**<0.50**	**<0.50**	**<0.50**
RW1	05/10/90	97.89i	Well installed.											
RW1	10/16/90	97.89i	12.24	85.65i	---	---	---	---	---	---	---	---	---	---
RW1	01/14/91	97.89i	12.80	85.09i	---	---	---	---	---	---	---	---	---	---
RW1	02/08/91	97.89i	12.53	85.36i	---	---	---	---	---	---	---	---	---	---
RW1	05/31/91	97.89i	12.86	85.03i	---	---	---	---	---	---	---	---	---	---
RW1	08/05/91	97.89i	13.19	84.70i	---	---	---	---	---	---	---	---	---	---
RW1	08/13/91	97.89i	14.05	83.84i	---	---	---	---	---	---	---	---	---	---
RW1	09/11/91	97.89i	15.96	81.93i	---	---	---	---	---	---	---	---	---	---
RW1	10/16/91	97.89i	16.00	81.89i	---	---	---	---	---	---	---	---	---	---
RW1	12/30/91	97.89i	12.65	85.24i	---	---	---	---	---	---	---	---	---	---
RW1	02/25/92	97.89i	14.40	83.49i	---	---	---	---	---	---	---	---	---	---
RW1	03/25/92	97.89i	---	---	---	---	---	---	---	---	---	---	---	---
RW1	06/16/92	14.42	12.37	2.05	---	---	6,200	---	---	---	620	1,400	240	1,400
RW1	09/08/92 through 05/31/94		Not monitored or sampled.											
RW1	08/30/94	16.79j	Well resurveyed.											
RW1	08/30/94 through 10/16/98		Not monitored or sampled.											
RW1	01/11/99	20.24	12.37	7.87	NLPH	---	---	---	---	---	---	---	---	---
RW1	04/08/99	20.24	10.41	9.83	NLPH	---	---	---	---	---	---	---	---	---
RW1	07/19/99	20.24	---	---	---	---	---	---	---	---	---	---	---	---
RW1	07/27/99	20.24	12.76	7.48	NLPH	---	---	---	---	---	---	---	---	---
RW1	10/25/99	20.24	12.50	7.74	NLPH	---	---	---	---	---	---	---	---	---
RW1	01/27/00	20.24	12.11	8.13	NLPH	---	---	---	---	---	---	---	---	---
RW1	04/03/00	20.24	12.07	8.17	NLPH	---	---	---	---	---	---	---	---	---
RW1	07/05/00	20.24	---	---	---	---	---	---	---	---	---	---	---	---
RW1	10/04/00	20.24	---	---	---	---	---	---	---	---	---	---	---	---
RW1	10/05/00	20.24	---	---	---	---	---	---	---	---	---	---	---	---
RW1	01/04/01	20.24	13.90	6.34	NLPH	---	8,000	---	---	2,500	1,200	65	250	258
RW1	04/03/01	20.24	11.92	8.32	NLPH	---	4,100	---	---	610	62	<2.5	18	61
RW1	07/05/01	20.24	Well inaccessible.											

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California

Well ID	Sampling Date	TOC (feet)	DTW (feet)	GW Elev. (feet)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	TPHmo (µg/L)	MTBE 8260B (µg/L)	MTBE 8021B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
RW1	10/03/01	20.24	12.32	8.32	NLPH	---	11,000	---	---	4,100	1,900	780	150	700
RW1	Oct-01	20.43	Well surveyed in compliance with AB 2886 requirements.											
RW1	01/02/02	20.43	10.85	9.58	NLPH	---	32,000	---	---	7,760	358	2,270	894	4,820
RW1	04/02/02	20.43	11.72	8.71	NLPH	---	4,220	<500	---	922	172	22.5	106	340
RW1	07/01/02	20.43	12.17	8.26	NLPH	---	2,500	<100a	---	986	176	8.0	71.0	75.0
RW1	10/02/02	20.43	12.44	7.99	NLPH	---	2,970	1,720	---	1,310	197	11.0	70.0	69.0
RW1	01/07/03	20.43	11.64	8.79	NLPH	---	2,210	1,340	1,010	747	134	12.0	33.0	53.0
RW1	06/17/03	20.43	11.98	8.45	NLPH	---	3,850	316	847	645	48.9	38.7	46.1	197
RW1	07/16/03	20.43	12.11	8.32	NLPH	---	2,640	2,080	615	730	78.5	20.0	47.5	166
RW1	10/07/03	20.43	12.35	8.08	NLPH	1,340	2,310	1,040	578	744	118	7.6	25.1	52.1
RW1	01/14/04	20.43	11.61	8.82	NLPH	4,240	4,230	5,640	328	7.8	52.7	65.8	42.7	543
RW1	06/03/04	20.43	12.12	8.31	NLPH	---	2,910	1,840	250	234	79.9	6.0	28.6	67.2
RW1	08/12/04	20.43	c	c	c	---	1,980c	164c	107c	---	146c	5.7c	18.1c	10.9c
RW1	11/04/04	20.43	12.06	8.37	NLPH	2,570	127,000	1,790	386	---	130	5,150	4,020	24,300
RW1	02/01/05	20.43	11.55	8.88	NLPH	3,530	2,880	4,680	78.7	---	25.3	13.3	49.3	258
RW1	05/03/05	20.43	11.58	8.85	NLPH	6,830d,e	2,490	14,600	91.3	---	33.8	18.4	17.3	97.7
RW1	08/04/05	20.43	12.10	8.33	NLPH	2,430d	3,080	3,410	49.6	---	193	20.4	48.2	117
RW1	10/27/05	20.43	12.32	8.11	NLPH	1,970	348	2,960	36.3	---	9.40	1.99f	2.22	5.36
RW1	01/26/06	20.43	11.55	8.88	NLPH	5,000d	640	<10,000	72	---	13	7.5	1.8	5.2
RW1	04/28/06	20.43	11.23	9.20	NLPH	950d	810	1,500	30	---	18	12	4.9	19
RW1	07/05/06	20.43	11.96	8.47	NLPH	687	1,020	886	40.0	---	25.0	4.77	4.67	11.4
RW1	10/27/06	20.43	12.31	8.12	NLPH	550d	937	600	45.4	---	21.1	4.82	5.37	8.14
RW1	**01/19/07**	**20.43**	**11.96**	**8.47**	**NLPH**	**2,500d**	**1,070**	**2,500**	**33.4**	**---**	**21.9**	**2.22**	**3.40**	**6.99**
MW6D	07/06/88	98.78i	Well installed.											
MW6D	07/11/88	98.78i	13.48	85.24i	0.025 in.	---	---	---	---	---	220	27	<20	<10
MW6D	10/20/88	98.78i	---	---	---	---	---	---	---	---	710	74	22	110
MW6D	12/15/88	98.78i	13.44	85.34i	---	---	---	---	---	---	---	---	---	---
MW6D	09/07/89	98.78i	---	---	---	---	2,200	---	---	---	600	26	58	31
MW6D	04/30/90	98.78i	13.19	85.59i	---	---	3,600	---	---	---	800	150	310	280
MW6D	05/10/90	98.78i	Well over-drilled into recovery well RW2											
RW2	10/16/90	98.11i	12.77	85.34i	---	---	---	---	---	---	---	---	---	---
RW2	02/08/91	98.11i	13.11	85.00i	---	---	---	---	---	---	---	---	---	---
RW2	04/02/91	98.11i	11.70	86.41i	---	---	---	---	---	---	---	---	---	---
RW2	05/07/91	98.11i	14.09	84.02i	---	---	11,000	---	---	---	3,200	480	150	780
RW2	05/31/91	98.11i	16.01	82.10i	---	---	---	---	---	---	---	---	---	---
RW2	06/26/91	98.11i	14.60	83.51i	---	---	---	---	---	---	---	---	---	---
RW2	08/05/91	98.11i	14.00	84.11i	---	---	---	---	---	---	---	---	---	---
RW2	08/13/91	98.11i	21.30	76.81i	---	---	---	---	---	---	---	---	---	---
RW2	09/11/91	98.11i	19.97	78.14i	---	---	---	---	---	---	---	---	---	---
RW2	10/16/91	98.11i	15.19	82.92i	---	---	---	---	---	---	---	---	---	---
RW2	12/30/91	98.11i	13.19	84.92i	---	---	---	---	---	---	---	---	---	---
RW2	02/25/92	98.11i	16.27	81.84i	---	---	---	---	---	---	---	---	---	---
RW2	03/25/92	98.11i	---	---	---	---	---	---	---	---	---	---	---	---
RW2	06/16/92	14.61	12.86	1.75	---	---	28,000	---	---	---	2,900	1,000	120	2,700
RW2	09/08/92 through 05/31/94	Not monitored or sampled.												
RW2	08/30/94	17.02j	Well resurveyed.											
RW2	08/30/94 through 04/20/98	Not monitored or sampled.												
RW2	07/21/98	20.44	12.65	7.79	NLPH	---	3,500	---	---	170	240	100	41	96
RW2	10/06/98	20.44	13.06	7.38	NLPH	---	3,200	---	---	200	120	48	56	120
RW2	01/11/99	20.44	12.88	7.56	NLPH	---	3,300	---	---	350	150	17	35	40
RW2	04/08/99	20.44	11.76	8.68	sheen	---	---	---	---	---	---	---	---	---

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California

Well ID	Sampling Date	TOC (feet)	DTW (feet)	GW Elev. (feet)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	TPHmo (µg/L)	MTBE 8260B (µg/L)	MTBE 8021B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
RW2	07/19/99	20.44	11.61	8.83	NLPH	---	1,980	---	499	160	44	4.16	22.3	11.6
RW2	07/27/99	20.44	13.26	7.18	NLPH	---	---	---	---	---	---	---	---	---
RW2	10/25/99	20.44	12.96	7.48	NLPH	---	1,800	---	---	440	51	<0.5	4.7	9.5
RW2	01/27/00	20.44	12.70	7.74	NLPH	---	1,900	---	---	750	38	<2.5	4.8	10.4
RW2	04/03/00	20.44	11.97	8.47	NLPH	---	2,100	---	---	300	28	2.4	1.4	0.73
RW2	07/05/00	20.44	12.50	7.94	NLPH	---	2,300	---	---	230	20	<2.5	5.3	8
RW2	10/04/00	20.44	12.97	7.47	NLPH	---	1,300	---	---	570	42	<2.5	15	17.7
RW2	10/05/00	20.44	---	---	---	---	---	<1,000	---	---	---	---	---	---
RW2	01/04/01	20.44	13.71	6.73	NLPH	---	1,000	---	---	380	33	<2.5	13	17.7
RW2	04/03/01	20.44	12.10	8.34	NLPH	---	1,300	---	---	99	18	2.1	16	19.4
RW2	07/05/01	20.44	Not sampled: inaccessible.			---	---	---	---	---	---	---	---	---
RW2	10/03/01	20.44	12.8	7.64	NLPH	---	1,900	---	---	240	35	4.4	34	105
RW2	Oct-01	20.64	Well surveyed in compliance with AB 2886 requirements.											
RW2	01/02/02	20.64	10.22	10.42	NLPH	---	2,440	---	---	76.0	24.4	6.20	26.2	83.0
RW2	04/02/02	20.64	12.02	8.62	NLPH	---	1,460	260	---	47.5	8.60	3.30	5.30	29.1
RW2	07/01/02	20.64	12.51	8.13	NLPH	---	1,380	<100a	---	39.9	11.0	1.8	17.9	45.0
RW2	10/02/02	20.64	12.91	7.73	NLPH	---	720	<100	---	46.9	5.5	1.7	3.7	11.9
RW2	01/07/03	20.64	11.61	9.03	NLPH	---	1,180	197	56.0	48.0	12.3	3.6	12.2	25.6
RW2	06/17/03	20.64	12.32	8.32	NLPH	---	1,070	<100	26.4	29.7	13.9	4.4	11.8	16.9
RW2	07/16/03	20.64	12.51	8.13	NLPH	---	1,200	295	19.3	32.9	6.60	4.1	10.9	12.3
RW2	10/07/03	20.64	12.81	7.83	NLPH	332	1,170	<100	50.2	55.0	8.70	1.1	9.3	12.2
RW2	01/14/04	20.64	11.70	8.94	NLPH	167	1,250	<100	128	8.4	18.0	4.4	8.6	10.7
RW2	06/03/04	20.64	12.93	7.71	NLPH	---	1,100	1,310	10.9	17.0	6.70	1.3	4.0	11.5
RW2	08/12/04	20.64	c	c	c	438c	1,110c	521c	32.8c	---	7.00c	1.5c	3.1c	10.2c
RW2	11/04/04	20.64	12.30	8.34	NLPH	503	506	419	r	---	4.30	5.9	6.2	16.0
RW2	02/01/05	20.64	11.61	9.03	NLPH	725	640	1,400	13.7	---	5.30	1.5	4.0	3.8
RW2	05/03/05	20.64	11.72	8.92	NLPH	493d,e	1,130	801	8.20	---	10.3	1.1	5.8	6.3
RW2	08/04/05	20.64	12.46	8.18	NLPH	3,020d	1,060	3,810	9.02	---	6.36	0.848	1.90	2.47
RW2	10/27/05	20.64	12.71	7.93	NLPH	716	163	703	8.74	---	<0.50	<0.50	<0.50	0.95
RW2	01/26/06	20.64	11.65	8.99	NLPH	410d	620a	<500	5.1	---	6.1a	1.2a	4.3a	2.1a
RW2	04/28/06	20.64	11.24	9.40	NLPH	300d	680	<470	2.6	---	9.7	1.2	5.3	2.9
RW2	07/05/06	20.64	12.33	8.31	NLPH	284	946	221	<0.500	---	8.87	1.05	1.81	3.10
RW2	10/27/06	20.64	12.78	7.86	NLPH	240d	920	<470	4.59	---	<0.50	<0.50	3.65	3.09
RW2	**01/19/07**	**20.64**	**12.29**	**8.35**	**NLPH**	**230d**	**794**	**<470**	**3.72**	**---**	**6.32**	**2.27**	**<0.50**	**3.09**
MW6C	06/15/88	99.89i	Well installed.											
MW6C	06/24/88	99.89i	---	---	---	---	---	---	---	---	7,400	7.1	170	2,300
MW6C	07/11/88	99.89i	14.21	85.68i	---	---	---	---	---	---	---	---	---	---
MW6C	10/20/88	99.89i	---	---	---	---	---	---	---	---	9,500	65	170	850
MW6C	12/15/88	99.89i	14.10	85.79i	---	---	---	---	---	---	---	---	---	---
MW6C	09/07/89	99.89i	---	---	---	---	18,000	---	---	---	7,900	430	350	1,100
MW6C	04/30/90	99.89i	13.81	86.68i	---	---	30,000	---	---	---	6,100	1,500	1,000	2,700
MW6C	05/10/90	---	Well over-drilled into recovery well RW3											
RW3	10/16/90	98.97i	13.29	85.68i	---	---	---	---	---	---	---	---	---	---
RW3	01/14/91	98.97i	14.50	84.47i	---	---	---	---	---	---	---	---	---	---
RW3	02/08/91	98.97i	12.54	86.43i	---	---	---	---	---	---	---	---	---	---
RW3	04/02/91	98.97i	11.39	87.58i	---	---	---	---	---	---	---	---	---	---
RW3	05/07/91	98.97i	12.47	86.50i	---	---	5,800	---	---	---	4,200	640	220	670
RW3	05/31/91	98.97i	16.31	82.66i	---	---	---	---	---	---	---	---	---	---
RW3	06/26/91	98.97i	15.50	83.47i	---	---	---	---	---	---	---	---	---	---
RW3	08/05/91	98.97i	13.69	85.28i	---	---	---	---	---	---	---	---	---	---
RW3	08/13/91	98.97i	13.67	85.30i	---	---	---	---	---	---	---	---	---	---

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California

Well ID	Sampling Date	TOC (feet)	DTW (feet)	GW Elev. (feet)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	TPHmo (µg/L)	MTBE 8260B (µg/L)	MTBE 8021B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
RW3	08/14/91	98.97i	---	---	---	---	3,800	---	---	---	2,300	300	49	360
RW3	09/11/91	98.97i	13.77	85.20i	---	---	---	---	---	---	---	---	---	---
RW3	10/16/91	98.97i	16.66	82.31i	---	---	---	---	---	---	---	---	---	---
RW3	11/05/91	---	Well destroyed.											
RW3A	08/24/92	---	Well installed in place of RW3.											
RW3A	08/24/92 through 04/20/98		Not monitored or sampled.											
RW3A	07/21/98	21.75	13.08	8.67	NLPH	---	280	---	---	16	97	<1.2	<1.2	<1.2
RW3A	10/06/98	21.89	13.72	8.17	NLPH	---	78	---	---	26	26	0.89	<0.5	<0.5
RW3A	01/11/99	21.75	12.00	9.75	NLPH	---	1,000	---	---	230	490	5.0	<5.0	7.4
RW3A	04/08/99	21.75	11.90	9.85	NLPH	---	130	---	---	11	70	<1.0	<1.0	<1.0
RW3A	07/19/99	21.75	11.75	10.00	NLPH	---	989	---	---	16.4	393	6.40	5.70	15.0
RW3A	07/27/99	21.75	13.68	8.07	NLPH	---	---	---	---	---	---	---	---	---
RW3A	10/25/99	21.75	13.61	8.14	NLPH	---	150	---	---	19	53	<0.5	<0.5	<0.5
RW3A	01/27/00	21.75	12.22	9.53	NLPH	---	500	---	---	12	210	0.59	1.40	2.29
RW3A	04/03/00	21.75	12.00	9.75	NLPH	---	1,100	---	---	16	420	1.6	1.8	1.4
RW3A	07/05/00	21.75	13.01	8.74	NLPH	---	1,200	---	---	16	440	1.4	2.5	1.9
RW3A	10/04/00	21.75	13.60	8.15	NLPH	---	390	---	---	8.3	160	1.1	1.5	2.6
RW3A	10/05/00	21.75	---	---	---	---	---	<1,000	---	---	---	---	---	---
RW3A	01/04/01	21.75	13.65	8.10	NLPH	---	500	---	---	12	230	0.97	1.1	1.4
RW3A	04/03/01	21.75	12.30	9.45	NLPH	---	710	---	---	7.5	290	<0.5	<0.5	<0.5
RW3A	07/05/01	21.75	13.28	8.47	NLPH	---	640	---	---	9	280	1.4	1.6	2.7
RW3A	10/03/01	21.75	13.58	8.17	NLPH	---	<50	---	---	12	21	<0.5	<0.5	<0.5
RW3A	Oct-01	21.89	Well surveyed in compliance with AB 2886 requirements.											
RW3A	01/02/02	21.89	10.80	11.09	NLPH	---	<100	---	---	11.2	<0.50	<0.50	<0.50	<0.50
RW3A	04/02/02	21.89	12.03	9.86	NLPH	---	55.7	<100	---	11.0	1.30	<0.50	<0.50	<0.50
RW3A	07/01/02	21.89	13.13	8.76	NLPH	---	275	<100a	---	21.7	60.4	<0.5	2.4	4.2
RW3A	10/02/02	21.89	13.70	8.19	NLPH	---	138	114	---	11.1	53.4	<0.5	<0.5	0.7
RW3A	01/07/03	21.89	11.77	10.12	NLPH	---	<50.0	<50	30.9	22.4	1.5	<0.5	<0.5	<0.5
RW3A	06/17/03	21.89	12.82	9.07	NLPH	---	54.5	<100	16.0	12.8	7.40	<0.5	<0.5	<0.5
RW3A	07/16/03	21.89	13.40	8.49	NLPH	---	112	<100	13.6	18.0	26.0	<0.5	<0.5	<0.5
RW3A	10/07/03	21.89	13.93	7.96	NLPH	124	62.6	<100	11.3	10.4	7.30	<0.5	<0.5	<0.5
RW3A	01/14/04	21.89	11.55	10.34	NLPH	401	<50.0	<100	16.2	11.7	3.10	<0.5	<0.5	<0.5
RW3A	06/03/04	21.89	13.43	8.46	NLPH	--	79.0	<100	22.4	19.4	6.30	<0.5	<0.5	<0.5
RW3A	08/12/04	21.89	c	c	c	1,190c	<50.0c	296c	16.2c	---	<0.50c	<0.5c	<0.5c	<0.5c
RW3A	11/04/04	21.89	12.91	8.98	NLPH	178	<50.0	122	5.40	---	<0.50	1.7	0.7	3.6
RW3A	02/01/05	21.89	11.63	10.26	NLPH	<100	<50.0	<100	11.8	---	<0.50	<0.5	<0.5	<0.5
RW3A	05/03/05	21.89	11.79	10.10	NLPH	158d	<50.0	<100	8.50	---	<0.50	<0.5	<0.5	<0.5
RW3A	08/04/05	21.89	12.99	8.90	NLPH	687d	89.9	107	16.7	---	26.0	0.645	<0.500	0.835
RW3A	10/27/05	21.89	13.49	8.40	NLPH	140	<50.0	79.1	4.00	---	9.63	<0.50	<0.50	0.65
RW3A	01/26/06	21.89	11.76	10.13	NLPH	210d	100a	<500	17	---	5.6a	<0.50a	<0.50a	<0.50a
RW3A	04/28/06	21.89	10.96	10.93	NLPH	140g	82	<470	19	---	2.6	<0.50	<0.50	<0.50
RW3A	07/05/06	21.89	13.12	8.77	NLPH	340	50.0	<95.2	8.11	---	1.37	<1.00	<1.00	<3.00
RW3A	10/27/06	21.89	13.48	8.41	NLPH	63d	789	<470	10.6	---	287	1.29	<0.50	2.03
RW3A	**01/19/07**	**21.89**	**12.69**	**9.20**	**NLPH**	**49d**	**<50.0**	**<470**	**6.25**	**---**	**2.08**	**<0.50**	**<0.50**	**<0.50**

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California

Notes:

TOC	=	Top of casing elevation; datum is mean sea level.
SUBJ	=	Results of subjective evaluation.
NLPH	=	No liquid-phase hydrocarbons present in well.
sheen	=	Liquid-phase hydrocarbon present as sheen.
in.	=	Inches of floating product.
DTW	=	Depth to water.
GW Elev.	=	Groundwater elevation; datum is mean sea level.
TPHd	=	Total petroleum hydrocarbons as diesel analyzed using EPA Method 5030/8015B (modified).
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 5030/8015B (modified).
TPHmo	=	Total petroleum hydrocarbons as motor oil using EPA Method 8015B.
MTBE 8260B	=	Methyl tertiary butyl ether analyzed using EPA Method 8260B.
MTBE 8021B	=	Methyl tertiary butyl ether analyzed using EPA Method 8021B.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 602 or 8021B.
ETBE	=	Ethyl tertiary butyl ether analyzed using EPA Method 8260B.
TAME	=	Tertiary amyl methyl ether analyzed using EPA Method 8260B.
TBA	=	Tertiary butyl alcohol analyzed using EPA Method 8260B.
EDB	=	1,2-Dibromoethane analyzed using EPA Method 8260B.
1,2-DCA	=	1,2-Dichloroethane analyzed using EPA Method 8260B.
DIPE	=	Di-isopropyl ether analyzed using EPA Method 8260B.
Ethanol	=	Ethanol analyzed using EPA Method 8260B.
µg/L	=	Micrograms per liter.
<	=	Less than the indicated reporting limit shown by the laboratory.
---	=	Not measured/Not sampled/Not analyzed.
a	=	Analyses performed past EPA recommended holding time.
b	=	Well sampled semi-annually.
c	=	Groundwater elevation data invalidated; analytical results suspect.
d	=	Hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.
e	=	TRPH-diesel surrogate was diluted out due to sample matrix
f	=	Analyte detected in Matrix Spike and Matrix Spike Duplicate.
g	=	Elevated result due to single analyte peak in quantitation range.
h	=	Initial analysis within EPA recommended hold time. Re-analysis for dilution performed past hold time.
i	=	Based on assigned benchmark with elevation arbitrarily set at 100 feet.
j	=	Benchmark is City of Oakland #37J.

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California

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

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California

Well ID	Sampling Date	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	DIPE (µg/L)	Ethanol (µg/L)
MW6E	01/26/06	<0.50	<0.50	<20	<0.50	<0.50	<0.50	<100
MW6E	04/28/06	<0.50	<0.50	<20	<0.50	<0.50	<0.50	---
MW6E	07/05/06	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0
MW6E	10/27/06	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	---
MW6E	**01/19/07**	**<0.500**	**<0.500**	**<10.0**	**<0.500**	**<0.500**	**<0.500**	**<50.0**
MW6F	10/05/88 - Well installed.							
MW6F	10/20/88 - 10/02/02 Not analyzed for these analytes.							
MW6F	01/07/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW6F	06/17/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<100
MW6F	07/16/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<100
MW6F	10/07/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<100
MW6F	01/14/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW6F	06/03/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW6F	08/12/04	<0.50c	<0.50c	<10.0c	<0.50c	<0.50c	<0.50c	<50.0c
MW6F	11/04/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW6F	02/01/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW6F	05/03/05	<0.50	0.90	<10.0	<0.50	1.70	<0.50	<50.0
MW6F	08/04/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0
MW6F	10/27/05	<0.500	<0.500	<20.0	<0.500	<0.500	<0.500	<100
MW6F	01/26/06	<0.50	<0.50	<20	<0.50	<0.50	<0.50	<100
MW6F	04/28/06	<0.50	<0.50	<20	<0.50	<0.50	<0.50	---
MW6F	07/05/06	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0
MW6F	10/27/06	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	---
MW6F	**01/19/07**	**<0.500**	**<0.500**	**<10.0**	**<0.500**	**<0.500**	**<0.500**	**<50.0**
MW6G	11/16/88 - Well installed.							
MW6G	12/07/88 - 10/02/02 Not analyzed for these analytes.							
MW6G	01/07/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW6G	06/17/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<100
MW6G	07/16/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<100
MW6G	10/07/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<100
MW6G	01/14/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW6G	06/03/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW6G	08/12/04	<0.50c	<0.50c	<10.0c	<0.50c	<0.50c	<0.50c	<50.0c
MW6G	11/04/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW6G	02/01/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW6G	05/03/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW6G	08/04/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0
MW6G	10/27/05	<0.500	<0.500	<20.0	<0.500	<0.500	<0.500	<100
MW6G	01/26/06	<0.50	<0.50	<20	<0.50	<0.50	<0.50	<100
MW6G	04/28/06	<0.50	<0.50	<20	<0.50	<0.50	<0.50	<100
MW6G	07/05/06	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0
MW6G	10/27/06	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<100
MW6G	**01/19/07**	**<0.500**	**<0.500**	**<10.0**	**<0.500**	**<0.500**	**<0.500**	**<50.0**

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California

Well ID	Sampling Date	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	DIPE (µg/L)	Ethanol (µg/L)
MW6H	December 1988 - Well installed.							
MW6H	12/07/88 - 10/02/02 Not analyzed for these analytes.							
MW6H	01/07/03	<0.50	<0.50	952	<0.50	<0.50	7.50	---
MW6H	06/17/03	<0.50	<0.50	678	<0.50	<0.50	7.10	<100
MW6H	07/16/03	<0.50	0.70	307	<0.50	14.6	6.20	<100
MW6H	10/07/03	<0.50	<0.50	294	<0.50	<0.50	7.40	<100
MW6H	01/14/04	<0.50	<0.50	883	<0.50	<0.50	6.80	<50.0
MW6H	06/03/04	<0.50	<0.50	541	<0.50	<0.50	5.80	<50.0
MW6H	08/12/04	<0.50c	<0.50c	754c	<0.50c	<0.50c	5.40c	<50.0c
MW6H	11/04/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW6H	02/01/05	<0.50	<0.50	625	<0.50	<0.50	4.20	<50.0
MW6H	05/03/05	<0.50	<0.50	436	<0.50	<0.50	3.10	<50.0
MW6H	08/04/05	<0.500	<0.500	530	<0.500	<0.500	3.73	<50.0
MW6H	10/27/05	<0.500	<0.500	422	<0.500	<0.500	4.62	<100
MW6H	01/26/06	<25	<25	<1,000	<25	<25	<25	<5,000
MW6H	04/28/06	<25	<25	<1,000	<25	<25	<25	<5,000
MW6H	07/05/06	<0.500	<0.500	137	<0.500	<0.500	2.41	<50.0
MW6H	10/27/06	<0.500	<0.500	131	<0.500	<0.500	3.61	<100
MW6H	**01/19/07**	**<0.500**	**28.1**	**161**	**<0.500**	**25.7**	**2.96**	**<50.0**
MW6I	December 1988 - Well installed.							
MW6I	12/07/88 - 10/02/02 Not analyzed for these analytes.							
MW6I	01/07/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW6I	06/17/03 b	---	---	---	---	---	---	---
MW6I	07/16/03	<0.50	<0.50	16.4	<0.50	<0.50	<0.50	<100
MW6I	10/07/03 b	---	---	---	---	---	---	---
MW6I	01/14/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW6I	06/03/04 b	---	---	---	---	---	---	---
MW6I	08/12/04	<0.50c	<0.50c	<10.0c	<0.50c	<0.50c	<0.50c	<50.0c
MW6I	11/04/04 b	---	---	---	---	---	---	---
MW6I	02/01/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW6I	05/03/04 b	---	---	---	---	---	---	---
MW6I	08/04/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0
MW6I	10/27/05 b	---	---	---	---	---	---	---
MW6I	01/26/06	<0.50	<0.50	<20	<0.50	<0.50	<0.50	<100
MW6I	04/28/06 b	---	---	---	---	---	---	---
MW6I	07/05/06	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0
MW6I	10/27/06 b	---	---	---	---	---	---	---
MW6I	**01/19/07**	**<0.500**	**<0.500**	**<10.0**	**<0.500**	**<0.500**	**<0.500**	**<50.0**
MW6J	04/06/01 - Well installed.							
MW6J	07/05/01 - 10/02/02 Not analyzed for these analytes.							
MW6J	01/07/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
MW6J	06/17/03	<0.50	<0.50	<10.0	<0.50	0.90	<0.50	<100
MW6J	07/16/03	<0.50	<0.50	<10.0	<0.50	1.00	<0.50	<100
MW6J	10/07/03	<0.50	<0.50	<10.0	<0.50	<0.5	<0.50	<100
MW6J	01/14/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California

Well ID	Sampling Date	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	DIPE (µg/L)	Ethanol (µg/L)
MW6J	06/03/04	<0.50	<0.50	<10.0	<0.50	2.00	<0.50	<50.0
MW6J	08/12/04	<0.50c	<0.50c	<10.0c	<0.50c	1.20c	<0.50c	<50.0c
MW6J	11/04/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW6J	02/01/05	<0.50	<0.50	<10.0	<0.50	1.20	<0.50	<50.0
MW6J	05/03/05	<0.50	<0.50	<10.0	<0.50	1.20	<0.50	<50.0
MW6J	08/04/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0
MW6J	10/27/05	<0.500	<0.500	<20.0	<0.500	<0.500	<0.500	<100
MW6J	01/26/06	<0.50	<0.50	<20	<0.50	1.1	<0.50	<100
MW6J	04/28/06	<0.50	<0.50	<20	<0.50	1.3	<0.50	---
MW6J	07/05/06	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0
MW6J	10/27/06	<0.500	<0.500	<10.0	<0.500	1.04	<0.500	---
MW6J	**01/19/07**	**<0.500**	**<0.500**	**<10.0**	**<0.500**	**1.15**	**<0.500**	**<50.0**
RW1	05/10/90 - Well installed.							
RW1	10/16/90 - 10/02/02 Not analyzed for these analytes.							
RW1	01/07/03	<10.0	<10.0	<200	<10.0	<10.0	<10.0	---
RW1	06/17/03	<0.50	<0.50	324	<0.50	<0.50	<0.50	<100
RW1	07/16/03	<0.50	<0.50	110	<10.0	1.70	1.10	<100
RW1	10/07/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<100
RW1	01/14/04	<0.50	<0.50	234	<0.50	<0.50	0.90	<50.0
RW1	06/03/04	<0.50	<0.50	338	<0.50	<0.50	1.30	<50.0
RW1	08/12/04	<0.50c	<0.50c	437c	1.30c	<0.50c	1.20c	<50.0c
RW1	11/04/04	<0.50	<0.50	541	<0.50	<0.50	<0.50	<50.0
RW1	02/01/05	<0.50	<0.50	261	<0.50	<0.50	1.80	<50.0
RW1	05/03/05	<0.50	<0.50	200	<0.50	<0.50	<0.50	<50.0
RW1	08/04/05	<0.500	<0.500	169	<0.500	<0.500	<0.500	<50.0
RW1	10/27/05	<0.500	<0.500	152	<0.500	<0.500	0.660	<100
RW1	01/26/06	<2.5	<2.5	280	<2.5	<2.5	<2.5	<500
RW1	04/28/06	<0.50	<0.50	86	<0.50	<0.50	<0.50	<100
RW1	07/05/06	<0.500	<0.500	80.5	1.02	<0.500	<0.500	<50.0
RW1	10/27/06	<0.500	<0.500	104	<0.500	<0.500	<0.500	<100
RW1	**01/19/07**	**<0.500**	**<0.500**	**64.6**	**<0.500**	**<0.500**	**<0.500**	**<50.0**
MW6D	07/06/88 - Well installed.							
MW6D	07/11/88 - 04/30/90 Not analyzed for these analytes.							
MW6D	05/10/90 - Well over-drilled into recovery well RW2							
RW2	10/16/90 - 10/02/02 Not analyzed for these analytes.							
RW2	01/07/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
RW2	06/17/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<100
RW2	07/16/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<100
RW2	10/07/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<100
RW2	01/14/04	<0.50	<0.50	370	<0.50	<0.50	<0.50	<50.0
RW2	06/03/04	<0.50	<0.50	370	<0.50	<0.50	<0.50	<50.0
RW2	08/12/04	<0.50c	<0.50c	<10.0c	1.30c	<0.50c	<0.50c	<50.0c
RW2	11/04/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
RW2	02/01/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California

Well ID	Sampling Date	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	DIPE (µg/L)	Ethanol (µg/L)
RW2	05/03/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
RW2	08/04/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0
RW2	10/27/05	<0.500	<0.500	<20.0	<0.500	<0.500	<0.500	<100
RW2	01/26/06	<0.50	<0.50	<20	<0.50	<0.50	<0.50	<100
RW2	04/28/06	<0.50	<0.50	<20	<0.50	<0.50	<0.50	---
RW2	07/05/06	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0
RW2	10/27/06	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	---
RW2	**01/19/07**	**<0.500**	**<0.500**	**<10.0**	**<0.500**	**<0.500**	**<0.500**	**<50.0**
MW6C	06/15/88 - Well installed.							
MW6C	06/24/88 - 04/30/90 Not analyzed for these analytes.							
MW6C	05/10/90 - Well over-drilled into recovery well RW3							
RW3	10/16/90 - 10/16/91 Not analyzed for these analytes.							
RW3	11/05/91 - Well destroyed.							
RW3A	08/24/92 - Well installed in place of RW3.							
RW3A	08/24/98 - 10/02/02 Not analyzed for these analytes.							
RW3A	01/07/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
RW3A	06/17/03	<0.50	<0.50	<10.0	<0.50	<0.50	1.20	<100
RW3A	07/16/03	<0.50	<0.50	<10.0	<0.50	<0.50	1.40	<100
RW3A	10/07/03	<0.50	<0.50	<10.0	<0.50	<0.50	1.40	<100
RW3A	01/14/04	<0.50	<0.50	<10.0	<0.50	<0.50	2.20	<50.0
RW3A	06/03/04	<0.50	<0.50	<10.0	<0.50	<0.50	1.20	<50.0
RW3A	08/12/04	<0.50c	<0.50c	<10.0c	<0.50c	<0.50c	1.10c	<50.0c
RW3A	11/04/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
RW3A	02/01/05	<0.50	<0.50	<10.0	<0.50	<0.50	2.10	<50.0
RW3A	05/03/05	<0.50	<0.50	<10.0	<0.50	<0.50	0.60	<50.0
RW3A	08/04/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0
RW3A	10/27/05	<0.500	<0.500	<20.0	<0.500	<0.500	0.980	<100
RW3A	01/26/06	<0.50	<0.50	<20	<0.50	<0.50	3.2	<100
RW3A	04/28/06	<0.50	<0.50	<20	<0.50	<0.50	1.5	<100
RW3A	07/05/06	<0.500	<0.500	<10.0	<0.500	<0.500	1.20	<50.0
RW3A	10/27/06	<0.500	<0.500	17.3	<0.500	<0.500	3.90	<100
RW3A	**01/19/07**	**<0.500**	**<0.500**	**<10.0**	**<0.500**	**1.30**	**1.55**	**<50.0**

TABLE 1B

ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Former Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California

Notes:		
TOC	=	Top of casing elevation; datum is mean sea level.
SUBJ	=	Results of subjective evaluation.
NLPH	=	No liquid-phase hydrocarbons present in well.
sheen	=	Liquid-phase hydrocarbon present as sheen.
in.	=	Inches of floating product.
DTW	=	Depth to water.
GW Elev.	=	Groundwater elevation; datum is mean sea level.
TPHd	=	Total petroleum hydrocarbons as diesel analyzed using EPA Method 5030/8015B (modified).
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 5030/8015B (modified).
TPHmo	=	Total petroleum hydrocarbons as motor oil using EPA Method 8015B.
MTBE 8260B	=	Methyl tertiary butyl ether analyzed using EPA Method 8260B.
MTBE 8021B	=	Methyl tertiary butyl ether analyzed using EPA Method 8021B.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 602 or 8021B.
ETBE	=	Ethyl tertiary butyl ether analyzed using EPA Method 8260B.
TAME	=	Tertiary amyl methyl ether analyzed using EPA Method 8260B.
TBA	=	Tertiary butyl alcohol analyzed using EPA Method 8260B.
EDB	=	1,2-Dibromoethane analyzed using EPA Method 8260B.
1,2-DCA	=	1,2-Dichloroethane analyzed using EPA Method 8260B.
DIPE	=	Di-isopropyl ether analyzed using EPA Method 8260B.
Ethanol	=	Ethanol analyzed using EPA Method 8260B.
µg/L	=	Micrograms per liter.
<	=	Less than the indicated reporting limit shown by the laboratory.
---	=	Not measured/Not sampled/Not analyzed.
a	=	Analyses performed past EPA recommended holding time.
b	=	Well sampled semi-annually.
c	=	Groundwater elevation data invalidated; analytical results suspect.
d	=	Hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.
e	=	TRPH-diesel surrogate was diluted out due to sample matrix
f	=	Analyte detected in Matrix Spike and Matrix Spike Duplicate.
g	=	Elevated result due to single analyte peak in quantitation range.
h	=	Initial analysis within EPA recommended hold time. Re-analysis for dilution performed past hold time.
i	=	Based on assigned benchmark with elevation arbitrarily set at 100 feet.
j	=	Benchmark is City of Oakland #37J.

TABLE 2
WELL CONSTRUCTION DETAILS
Former Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California

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

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

TABLE 3A
CUMULATIVE LABORATORY ANALYTICAL RESULTS OF SOIL SAMPLES
Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California

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

TABLE 3A
CUMULATIVE LABORATORY ANALYTICAL RESULTS OF SOIL SAMPLES
Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California

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

TABLE 3A
CUMULATIVE LABORATORY ANALYTICAL RESULTS OF SOIL SAMPLES
Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California

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

TABLE 3A
CUMULATIVE LABORATORY ANALYTICAL RESULTS OF SOIL SAMPLES
Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California

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

TABLE 3A
CUMULATIVE LABORATORY ANALYTICAL RESULTS OF SOIL SAMPLES
Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California

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

TABLE 3B
ADDITIONAL LABORATORY ANALYTICAL RESULTS OF SOIL SAMPLES-VOCs
Former Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California

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

TABLE 3B

ADDITIONAL LABORATORY ANALYTICAL RESULTS OF SOIL SAMPLES-VOCs

Former Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California

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

TABLE 3C
ADDITIONAL CUMULATIVE LABORATORY ANALYTICAL RESULTS OF SOIL SAMPLES-METALS
Former Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California

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

TABLE 3C
ADDITIONAL CUMULATIVE LABORATORY ANALYTICAL RESULTS OF SOIL SAMPLES-METALS
Former Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California

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

TABLE 4A
LABORATORY ANALYTICAL RESULTS OF GRAB GROUNDWATER SAMPLES
Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California
(Page 1 of 2)

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

TABLE 4A
LABORATORY ANALYTICAL RESULTS OF GRAB GROUNDWATER SAMPLES
Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California

Notes:

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

TABLE 4B
ADDITIONAL LABORATORY ANALYTICAL RESULTS OF GRAB GROUNDWATER SAMPLES-VOCs
Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California

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

TABLE 4B

ADDITIONAL LABORATORY ANALYTICAL RESULTS OF GRAB GROUNDWATER SAMPLES-VOCs

Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California

Notes:

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

TABLE 4C

ADDITIONAL LABORATORY ANALYTICAL RESULTS OF GRAB GROUNDWATER SAMPLES-METALS

Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California

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

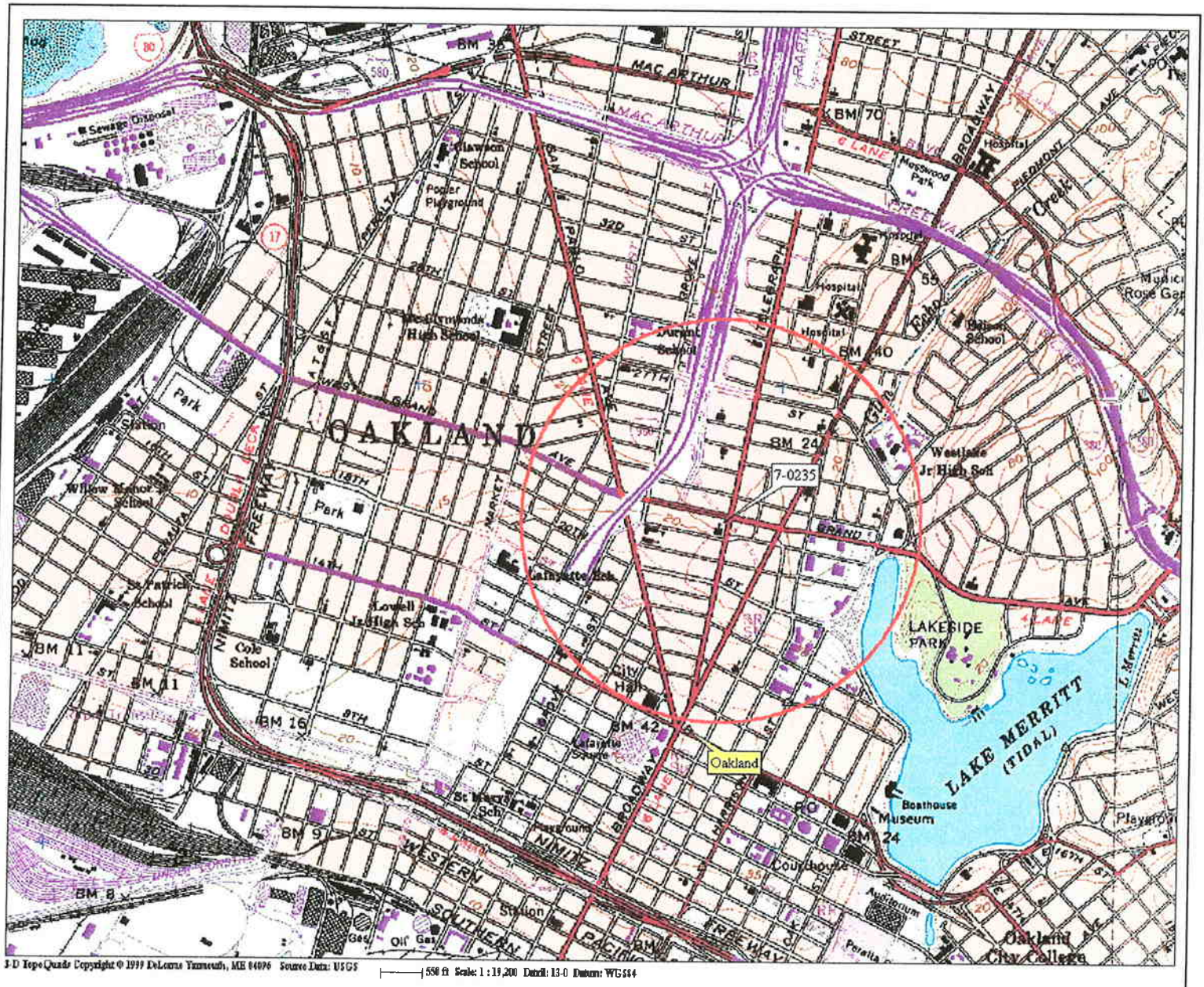
Notes:

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

TABLE 5
LABORATORY ANALYTICAL RESULTS OF SOIL-GAS SURVEY
Former Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California

Sample ID	Sample Date	Depth (fbgs)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
Air	09/19/88	---	<0.7	<0.7	<0.8	<0.8	<0.8
SG-01	09/19/88	---	---	---	---	---	---
SG-02	09/19/88	5.0	<0.7	<0.7	<0.8	<0.8	<0.8
SG-03	09/19/88	12.0	6100	10	<0.8	<0.8	2800
SG-04	09/19/88	13.0	780	<0.7	<0.8	<0.8	140
WS-05a	09/19/88	12.0	<75	<75	<77	<76	<77
SG-06	09/19/88	13.0	<0.7	<0.7	<0.8	<0.8	<0.8
SG-07	09/19/88	---	---	---	---	---	---
Air	09/19/88	---	<0.7	<0.7	<0.8	<0.8	<0.8

Notes:
TPHg = Total petroleum hydrocarbons as gasoline analyzed using DHS Method - LUFT Field Manual procedures.
BTEX = Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8020.
fbgs = Feet below ground surface.
--- = Not sampled/Not analyzed/Not applicable.
a = Water sample analyzed using EPA Method 602.



FN 2229Topo

EXPLANATION

1/2-mile radius circle

N

APPROXIMATE SCALE

0 0.5 1 mile

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

ERI
VALUE, QUALITY, RESPONSE

SITE VICINITY MAP

FORMER EXXON SERVICE STATION 7-0235
2225 Telegraph Avenue
Oakland, California

PROJECT NO. 2229

PLATE 1

100 Meter and 300 Meter Radius

LEGEND

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

WELLS

1

There are no public or private wells within a 300m radius. See the Regional Area Map.

WELLS (SPECIAL USE OR MUNICIPAL)

1

RESIDENCES

1. Triplex, 517, 521, 523 22nd Street
2. Triplex, 525, 527, 529 22nd Street

PUBLIC USE AREAS

1 First Baptist Church

SURFACE WATER

1 None

BART

APPROXIMATE SCALE

0 80 160 METERS

LOCAL AREA MAP

FORMER EXXON SERVICE STATION 7-0235
2225 Telegraph Avenue
Oakland, California

ERI
VALUE, QUALITY, RESPONSE

PROJECT NO. 2229

PLATE 2

DATE: 4/13/06

FN 2229_SP 06 SRS AERIAL MAP

FN 2229 R23 GSP_SP

GENERALIZED SITE PLAN

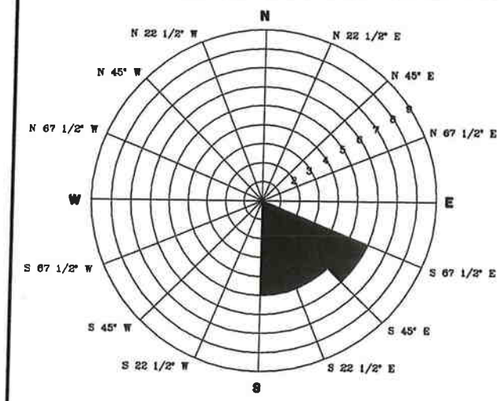
FORMER EXXON STATION 7-0235
2225 Telegraph Avenue
Oakland, California

EXPLANATION

- MW6J — Groundwater Monitoring Well
- RW3A — Recovery Well
- SB9 — Soil Boring-ERI
- GP2 — Geoprobe
- PL10 — Soil Boring-Product Line
- B9 — Soil Boring-HLA
- B10 — Soil Boring-ALTON
- TG12 — Soil Boring-EA
- AB6 — Hand Auger-HLA

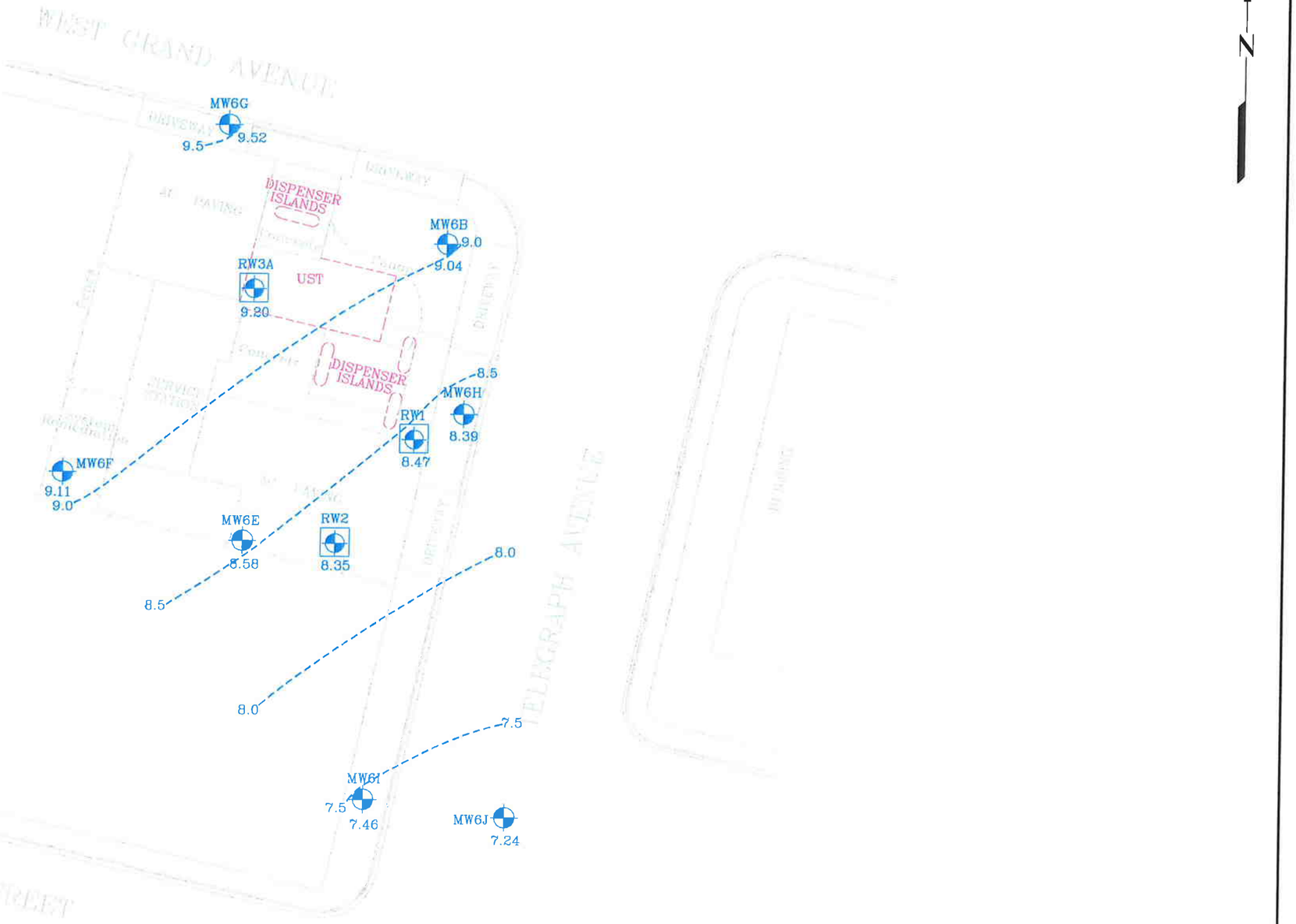
PROJECT NO. 2229

PLATE 3



GROUNDWATER FLOW DIRECTION ROSE DIAGRAM

Second Quarter 2003–First Quarter 2007.



APPROXIMATE SCALE

0 40 80 Feet

FN 2229004a_QM

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

ERI
YOUR QUALITY RESPONSE

GROUNDWATER ELEVATION MAP
January 19, 2007
FORMER
EXXON SERVICE STATION 7-0235
2225 Telegraph Avenue
Oakland, California

EXPLANATION

MW6J — Groundwater Monitoring Well

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

RW3A — Recovery Groundwater Monitoring Well

PROJECT NO. 2229

PLATE 4

APPROXIMATE SCALE

0 50 100 Feet

FN 2229 R23 GSP_SP

ERI

VALUE, QUALITY, RESPONSE

CROSS SECTION LOCATION MAP

FORMER EXXON STATION 7-0235
2225 Telegraph Avenue
Oakland, California

EXPLANATION

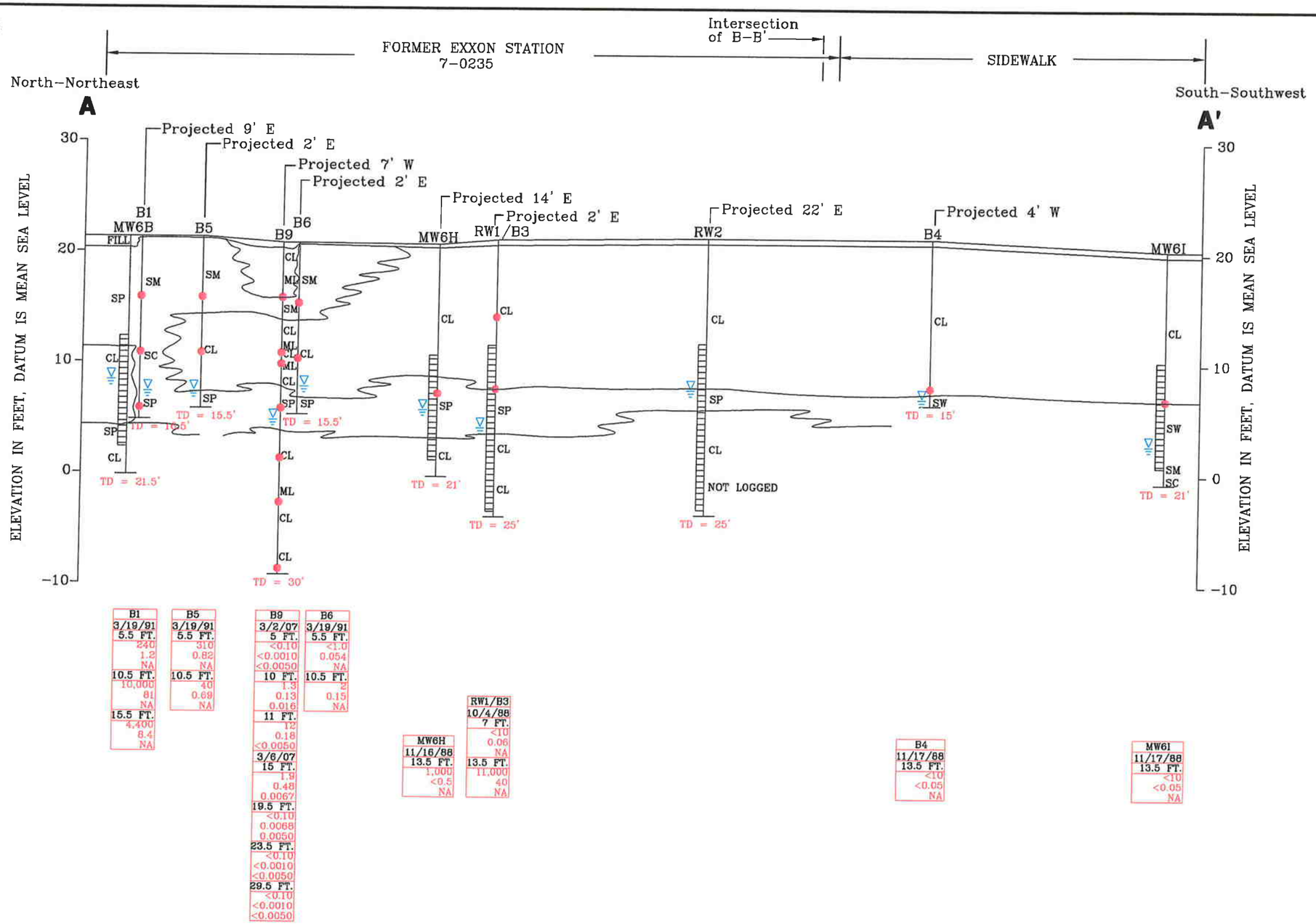
- MW6J — Groundwater Monitoring Well
- RW3A — Recovery Well
- SB9 — Soil Boring-ERI
- GP2 — Geoprobe
- PL10 — Soil Boring-Product Line
- B6 — Soil Boring-HLA
- B10 — Soil Boring-ALTON
- TG12 — Soil Boring-EA
- AB6 — Hand Auger-HLA
- C C' — Cross Section Locations

PROJECT NO. 2229

PLATE 5

Analyte Concentrations in soil in mg/kg

10/4/88	Sample Date
7 FT.	Sample Depth
11,000	Total Petroleum Hydrocarbons as gasoline
40	Benzene
NA	Methyl Tertiary Butyl Ether
<	Less Than the Stated Laboratory Reporting Limit
mg/kg	Milligrams per kilogram
NA	Not Analyzed



B1	B5	B9	B6
3/19/91	3/19/91	3/2/07	3/19/91
5.5 FT.	5.5 FT.	5 FT.	5.5 FT.
240	310	<0.10	<1.0
1.2	0.82	<0.0010	0.054
NA	NA	<0.0050	NA
10.5 FT.	10.5 FT.	10 FT.	10.5 FT.
10,000	40	1.3	2
81	0.69	0.13	0.15
NA	NA	0.016	NA
15.5 FT.		11 FT.	
4,400		12	
8.4		0.18	
NA		<0.0050	
		3/6/07	
		15 FT.	
		1.9	
		0.48	
		0.0067	
		19.5 FT.	
		<0.10	
		0.0068	
		0.0050	
		23.5 FT.	
		<0.10	
		<0.0010	
		<0.0050	
		29.5 FT.	
		<0.10	
		<0.0010	
		<0.0050	

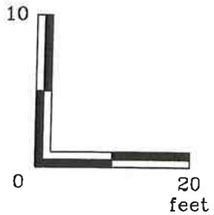
MW6H
11/16/88
13.5 FT.
1,000
<0.5
NA

RW1/B3
10/4/88
7 FT.
<10
0.06
NA
13.5 FT.
11,000
40
NA

B4
11/17/88
13.5 FT.
<10
<0.05
NA

MW6I
11/17/88
13.5 FT.
<10
<0.05
NA

APPROXIMATE SCALE



Vertical Exaggeration x2

FN 2229 R23 XS A-A'_SP

ERI
VALUE, QUALITY, RESPONSE

CROSS SECTION A-A'

FORMER
EXXON SERVICE STATION 7-0235
2225 Telegraph Avenue
Oakland, California

EXPLANATION

- Coarse-grained sediments (Including SP, SW, SM, SC, and GC.)
- Fine-grained sediments (Including, CL, CH, and ML)

TD = Total Depth

First Encountered Groundwater

= Soil Sample Depth

PROJECT NO. 2229

PLATE 6

Analyte Concentrations in soil in mg/kg

10/5/88 Sample Date
13 FT. Sample Depth
<10 Total Petroleum Hydrocarbons as gasoline
<0.50 Benzene
NA Methyl Tertiary Butyl Ether
< Less Than the Stated Laboratory Reporting Limit
mg/kg Milligrams per kilogram
NA Not Analyzed
a Analyzed using EPA Method 8021B

West–Northwest — FORMER EXXON STATION 7–0235 — Intersection of A–A' — TELEGRAPH AVE. — SIDEWALK — East–Southeast

B — B'

ELEVATION IN FEET, DATUM IS MEAN SEA LEVEL

30 / 20 / 10 / 0 / −10

Projected 3' N — Projected 5' S — Projected 4'

MW6F: ASHPALT; CL; SP; CL; TD = 22'

MW6E: CL; SW; ML; TD = 21.5'

RW2: CL; SP; CL; NOT LOGGED; TD = 25'

GP2: ASPHALT; CH; SP; SC; SP; CH; SP; TD = 23'

B7: SP; SM; CL; ML; ML; CL; CL; SP; CL; CL; SP; CL; SP; CL; TD = 26'

MW6F
10/5/88
13 FT.
<10
<0.05
NA

MW6E
10/5/88
13 FT.
<10
<0.05
NA

GP2
3/29/00
9 FT.
<1
<0.001
<0.001a
11 FT.
<1
<0.001
<0.001a

B7
3/5/07
5 FT.
<0.10
<0.0010
<0.0050
10 FT.
<0.10
<0.0010
<0.0050
15 FT.
<0.10
<0.0010
<0.0050
16.5 FT.
<0.10
<0.0010
<0.0050
19 FT.
<0.10
<0.0010
<0.0050
21 FT.
<0.10
<0.0010
<0.0050

APPROXIMATE SCALE

10 / 0 / 20 feet

Vertical Exaggeration x2

FN 2229 R23 XS B–B'_SP

ERI — VALUE, QUALITY, RESPONSE

CROSS SECTION B-B'

FORMER
EXXON SERVICE STATION 7–0235
2225 Telegraph Avenue
Oakland, California

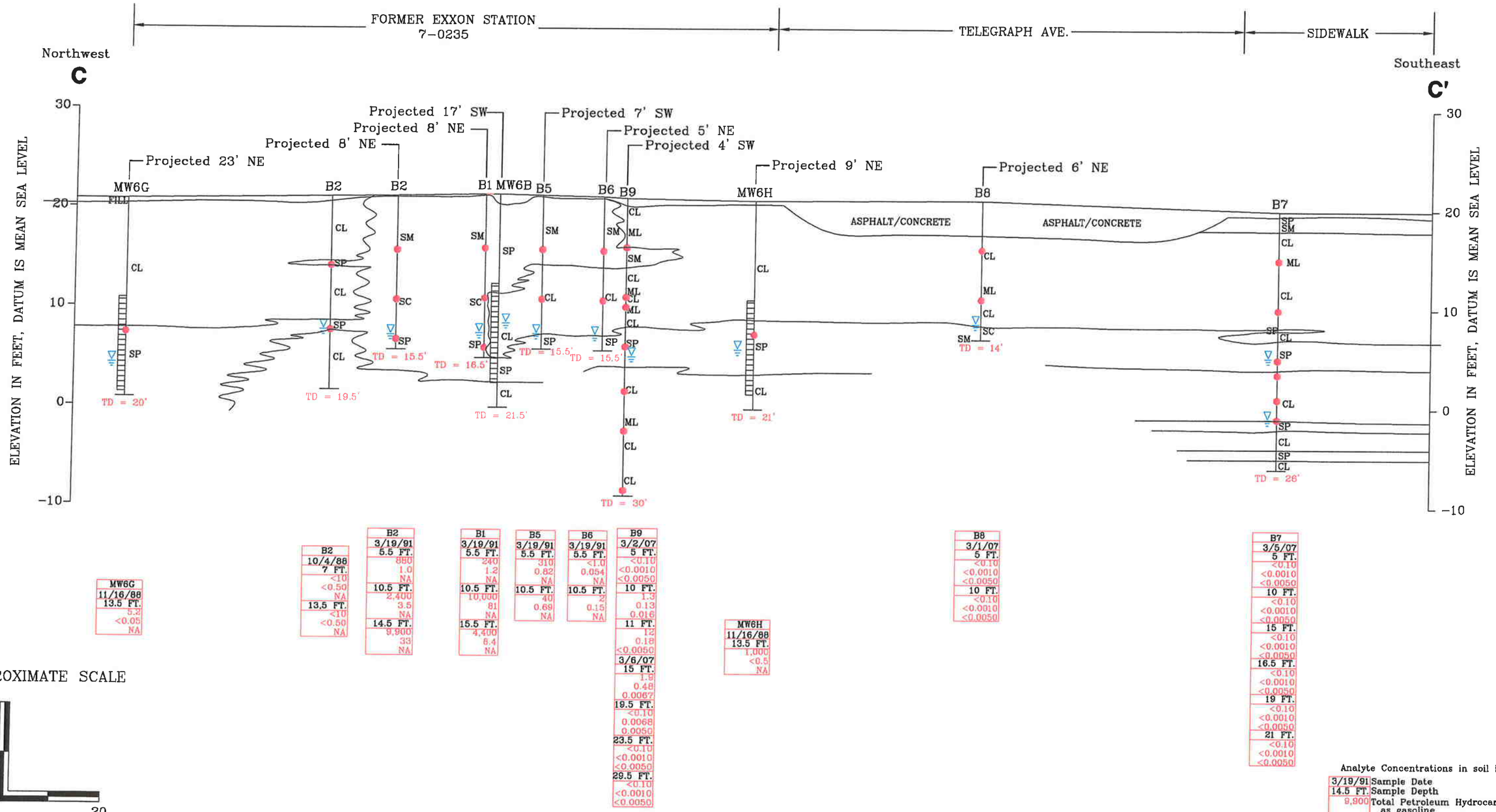
EXPLANATION

- Coarse-grained sediments (Including SP, SW, SM, SC, and GC.)
- Fine-grained sediments (Including CL, CH and ML)

TD = Total Depth
▽ First Encountered Groundwater
● = Sample Depth

PROJECT NO. 2229

PLATE 7



MW6G
11/16/88
13.5 FT.
5.2
<0.05
NA

B2
10/4/88
7 FT.
<10
<0.50
NA
13.5 FT.
<10
<0.50
NA

B2
3/19/91
5.5 FT.
860
1.0
NA
10.5 FT.
2,400
3.5
NA
14.5 FT.
9,900
33
NA

B1
3/19/91
5.5 FT.
240
1.2
NA
10.5 FT.
10,000
81
NA
15.5 FT.
4,400
6.4
NA

B5
3/19/91
5.5 FT.
310
0.82
NA
10.5 FT.
40
0.69
NA

B6
3/19/91
5.5 FT.
<1.0
0.054
NA
10.5 FT.
2
0.15
NA

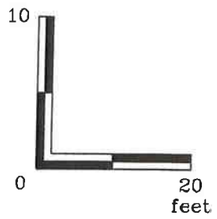
B9
3/2/07
5 FT.
<0.10
<0.0010
<0.0050
10 FT.
1.0
0.13
0.016
11 FT.
12
0.18
<0.0050
3/6/07
15 FT.
1.9
0.48
0.0067
19.5 FT.
<0.10
0.0068
0.0050
23.5 FT.
<0.10
<0.0010
<0.0050
29.5 FT.
<0.10
<0.0010
<0.0050

MW6H
11/16/88
13.5 FT.
1,000
<0.5
NA

B8
3/1/07
5 FT.
<0.10
<0.0010
<0.0050
10 FT.
<0.10
<0.0010
<0.0050

B7
3/5/07
5 FT.
<0.10
<0.0010
<0.0050
10 FT.
<0.10
<0.0010
<0.0050
15 FT.
<0.10
<0.0010
<0.0050
16.5 FT.
<0.10
<0.0010
<0.0050
19 FT.
<0.10
<0.0010
<0.0050
21 FT.
<0.10
<0.0010
<0.0050

APPROXIMATE SCALE



Vertical Exaggeration x2

FN 2229 R23 XS C-C'_SP

Analyte Concentrations in soil in mg/kg

3/19/91	Sample Date
14.5 FT.	Sample Depth
9,900	Total Petroleum Hydrocarbons as gasoline
33	Benzene
NA	Methyl Tertiary Butyl Ether
<	Less Than the Stated Laboratory Reporting Limit
mg/kg	Milligrams per kilogram
NA	Not Analyzed

ERI
VALUE QUALITY, RESPONSE

CROSS SECTION C-C'

FORMER
EXXON SERVICE STATION 7-0235
2225 Telegraph Avenue
Oakland, California

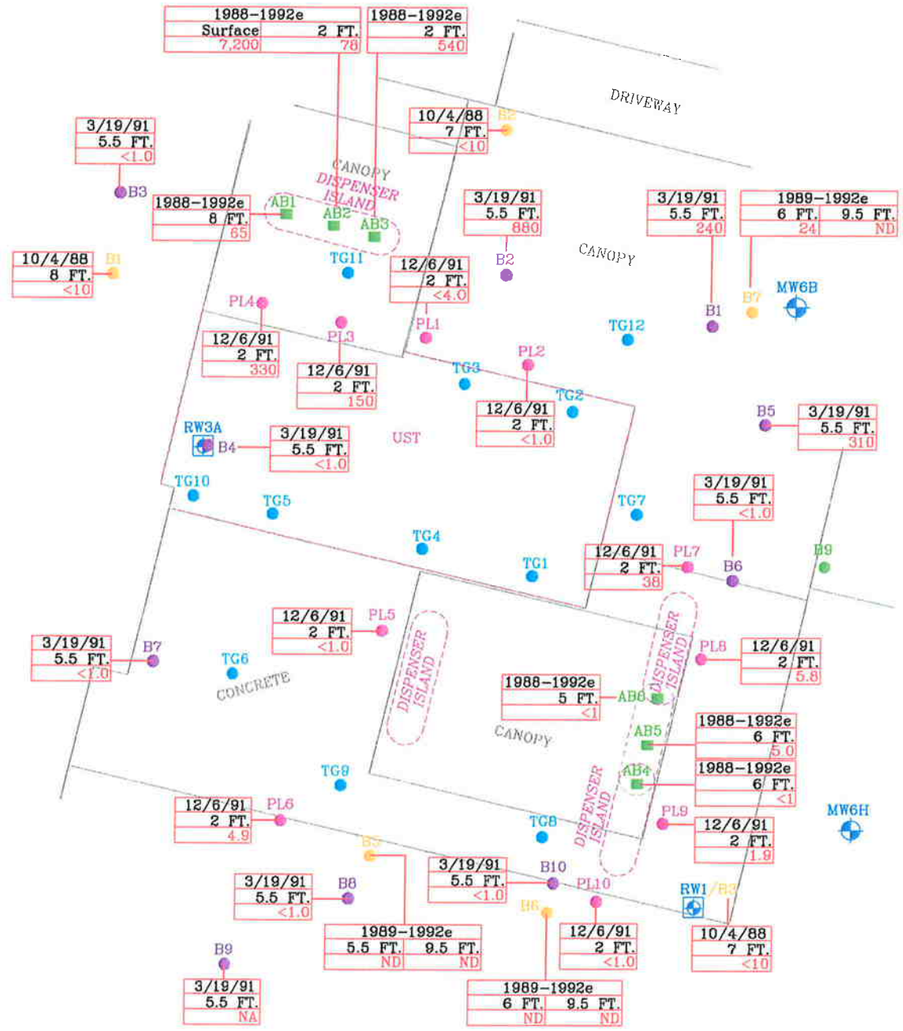
EXPLANATION

- Coarse-grained sediments (Including SP, SW, SM, SC, and GC.)
- Fine-grained sediments (Including CL, CH, and ML.)
- TD = Total Depth
- First Encountered Groundwater
- ● = Sample Depth

PROJECT NO. 2229

PLATE 8

FN 2229 R23 GSP_SAR_SP



Analyte Concentrations in mg/kg

1988–1992e Sample Date

Surface Sample Depth

7,200 TPHg

< Less Than the Stated Laboratory Reporting Limit

mg/kg Milligrams per kilogram

ND Not Detected

NA Not Analyzed

e Exact sampling date unclear from previous consultant reports.

DETAIL

Not to scale

HISTORICAL TPHg IN SOIL - SHALLOW
(Less Than 3 Meters)

FORMER EXXON STATION 7-0235
2225 Telegraph Avenue
Oakland, California

ERI
VALUE, QUALITY, RESPONSE

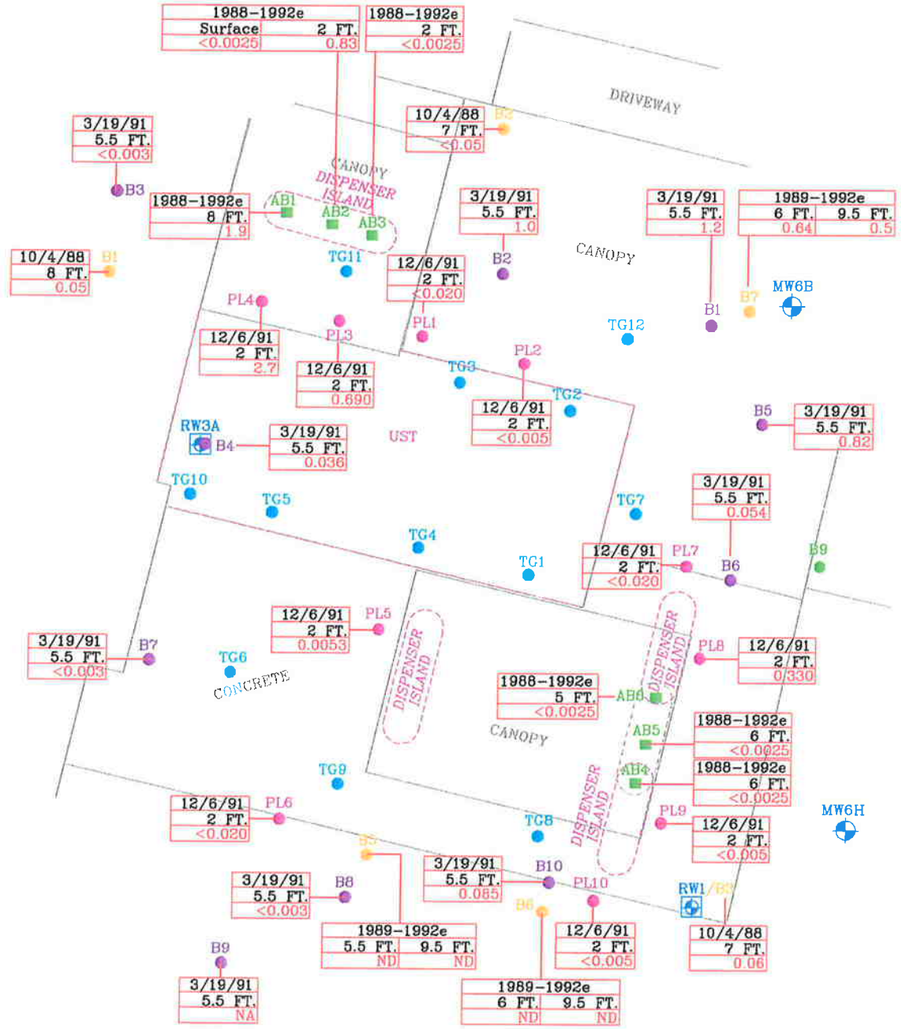
EXPLANATION

- MW6J Groundwater Monitoring Well
- RW3A Recovery Well
- SB9 Soil Boring–ERI
- GP2 Geoprobe
- PL10 Soil Boring–Product Line
- B6 Soil Boring–HLA
- B10 Soil Boring–ALTON
- TG12 Soil Boring–EA
- AB6 Hand Auger–HLA

PROJECT NO. 2229

PLATE 9

FN 2229 R23 GSP_SAR_SP



Analyte Concentrations in mg/kg

12/6/91 Sample Date
2 FT. Sample Depth
2.7 Benzene

< Less Than the Stated Laboratory Reporting Limit

mg/kg Milligrams per kilogram

NA Not Analyzed

ND Not Detected

e Exact sampling date unclear from previous consultant reports.

DETAIL
Not to scale

HISTORICAL BENZENE IN SOIL - SHALLOW
(Less Than 3 Meters)

FORMER EXXON STATION 7-0235
2225 Telegraph Avenue
Oakland, California

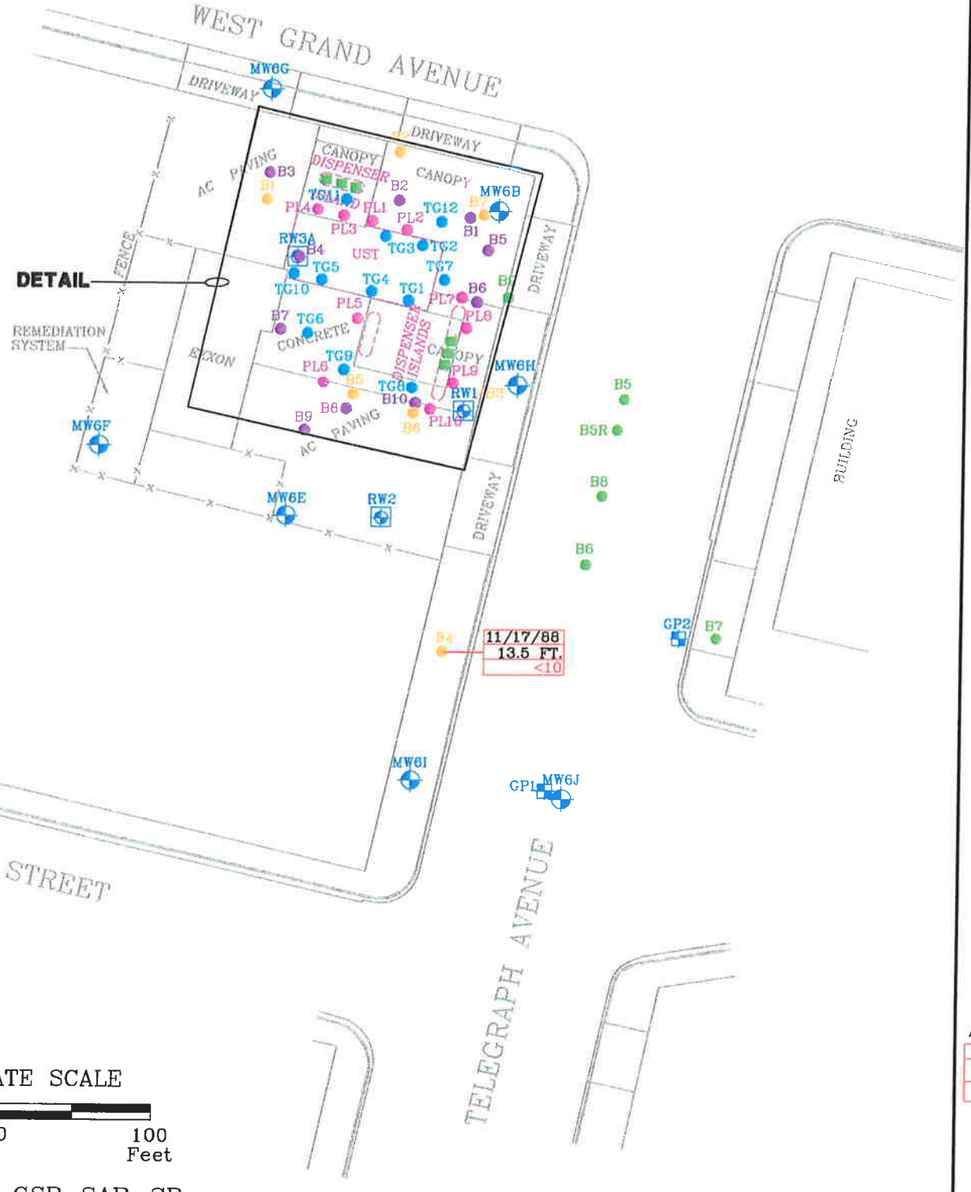
ERI
NATURE. QUALITY. RESPONSE.

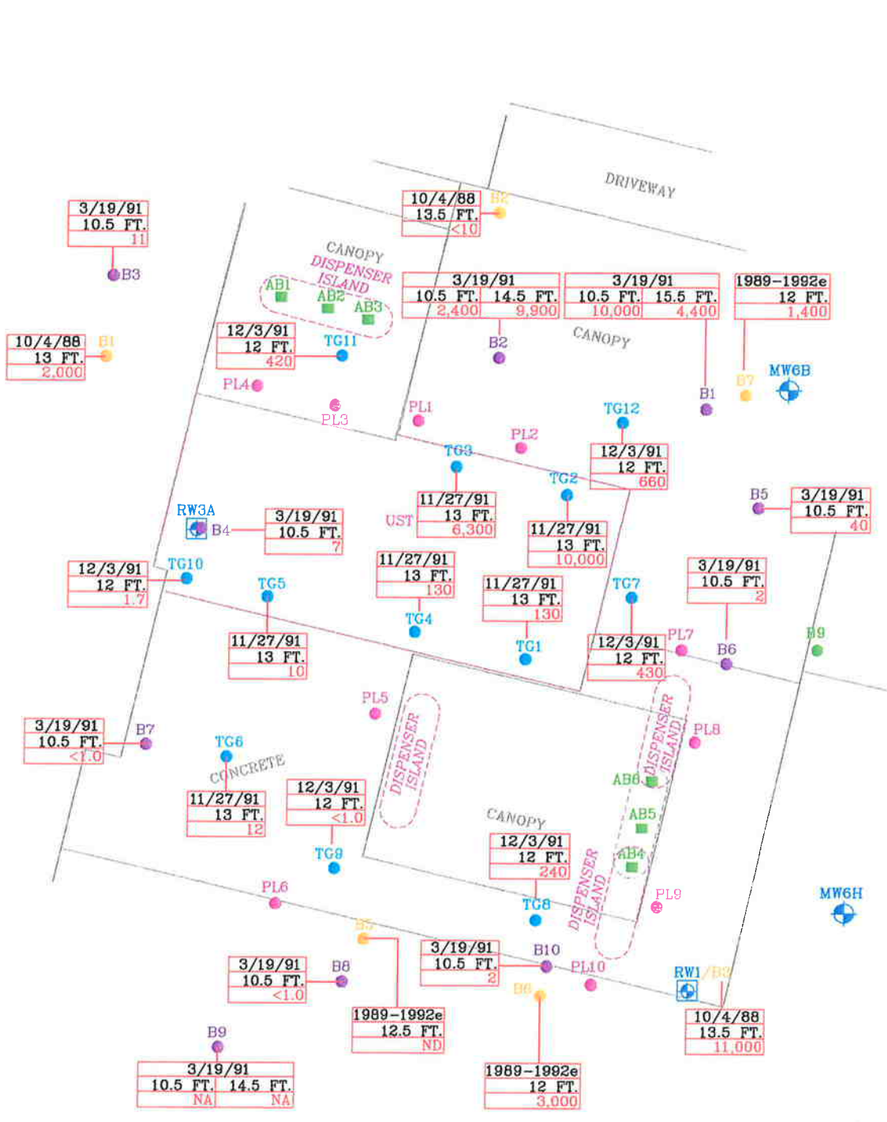
EXPLANATION

- MW6J Groundwater Monitoring Well
- RW3A Recovery Well
- SB9 Soil Boring-ERI
- GP2 Geoprobe
- PL10 Soil Boring-Product Line
- B6 Soil Boring-HLA
- B10 Soil Boring-ALTON
- TG12 Soil Boring-EA
- AB6 Hand Auger-HLA

PROJECT NO. 2229

PLATE 10





Analyte Concentrations in mg/kg

10/4/88 Sample Date
13.5 FT. Sample Depth
11,000 TPHg

< Less Than the Stated Laboratory Reporting Limit
mg/kg Milligrams per kilogram
ND Not Detected
NA Not Analyzed

DETAIL
Not to scale

ERI
VALUE, QUALITY, RESPONSE

HISTORICAL TPHg IN SOIL - DEEP
(Greater Than 3 Meters)

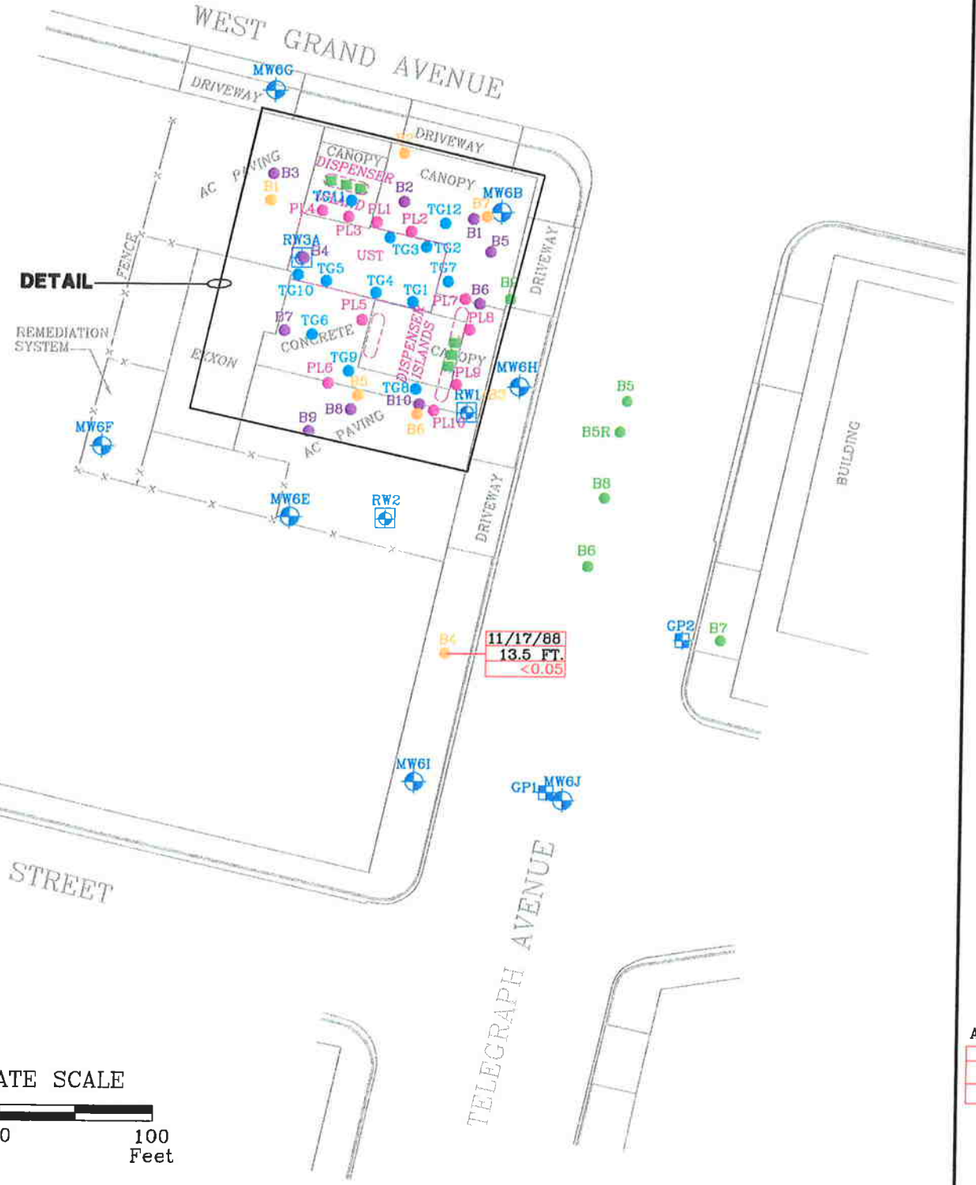
FORMER EXXON STATION 7-0235
2225 Telegraph Avenue
Oakland, California

EXPLANATION

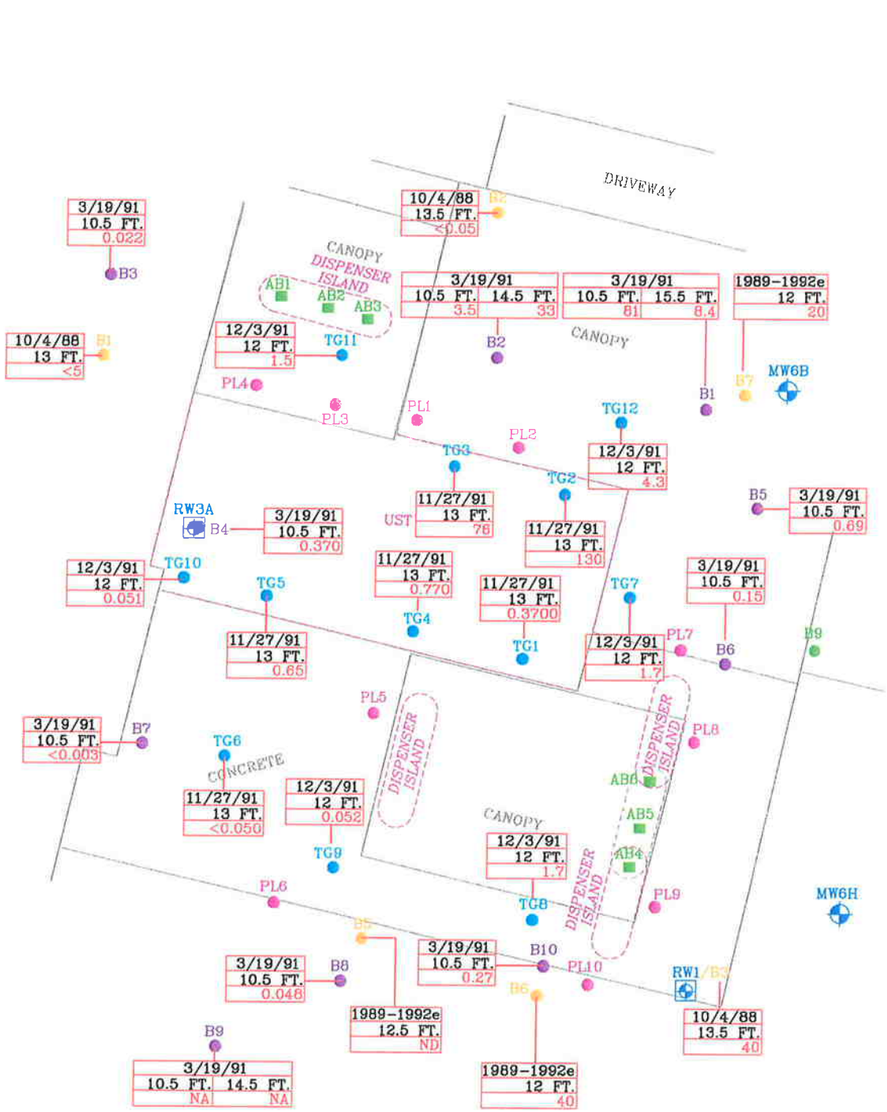
- MW6J — Groundwater Monitoring Well
- RW3A — Recovery Well
- SB9 — Soil Boring-ERI
- GP2 — Geoprobe
- PL10 — Soil Boring-Product Line
- B6 — Soil Boring-HLA
- B10 — Soil Boring-ALTON
- TG12 — Soil Boring-EA
- AB6 — Hand Auger-HLA

PROJECT NO. 2229

PLATE 11



FN 2229 R23 GSP_SAR_SP



Analyte Concentrations in mg/kg

11/27/91	Sample Date
13 FT.	Sample Depth
130	Benzene

< Less Than the Stated Laboratory Reporting Limit
mg/kg Milligrams per kilogram
ND Not Detected
NA Not Analyzed

DETAIL
Not to scale

HISTORICAL BENZENE IN SOIL - DEEP
(Greater Than 3 Meters)

FORMER EXXON STATION 7-0235
2225 Telegraph Avenue
Oakland, California

EXPLANATION

- MW6J — Groundwater Monitoring Well
- RW3A — Recovery Well
- SB9 — Soil Boring-ERI
- GP2 — Geoprobe
- PL10 — Soil Boring-Product Line
- B6 — Soil Boring-HLA
- B10 — Soil Boring-ALTON
- TG12 — Soil Boring-EA
- AB6 — Hand Auger-HLA

PROJECT NO. 2229

PLATE 12

Analyte Concentrations in mg/kg

11/16/88	Sample Date
13.5 FT.	Sample Depth
1,000	Total Petroleum Hydrocarbons as gasoline
<	Less Than the Stated Laboratory Reporting Limit
mg/kg	Milligrams per kilogram
NS	Not Sampled

APPROXIMATE SCALE

0 50 100 Feet

FN 2229 R23 GSP_SP

SELECT SOIL ANALYTICAL RESULTS - TPHg

FORMER EXXON STATION 7-0235
2225 Telegraph Avenue
Oakland, California

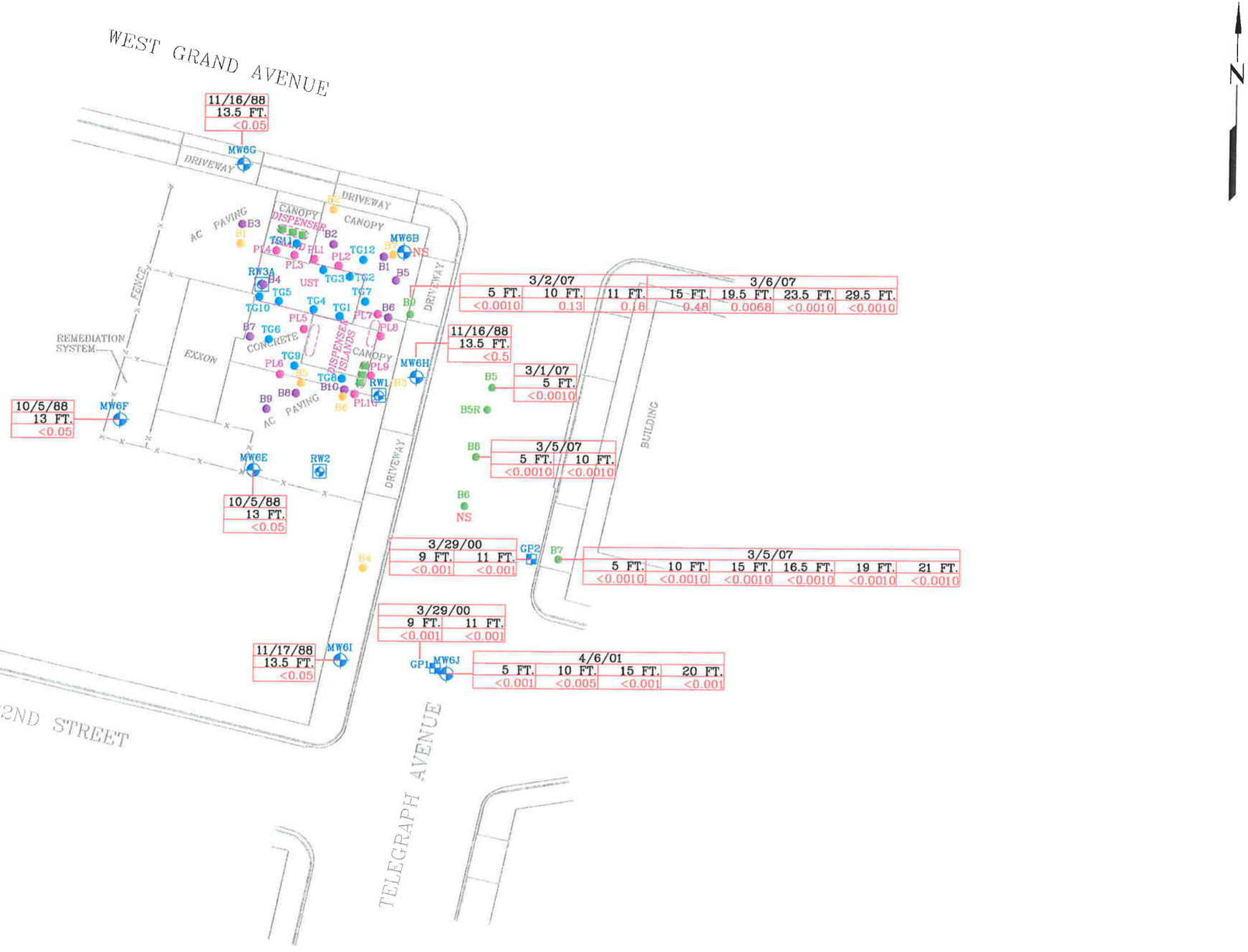
EXPLANATION

- MW6J Groundwater Monitoring Well
- RW3A Recovery Well
- SB9 Soil Boring-ERI
- GP2 Geoprobe
- PL10 Soil Boring-Product Line
- B5 Soil Boring-HLA
- B10 Soil Boring-ALTON
- TG12 Soil Boring-EA
- AB6 Hand Auger-HLA

PROJECT NO.	2229
PLATE	13

Analyte Concentrations in mg/kg

3/6/07	Sample Date
15 FT.	Sample Depth
0.48	Total Petroleum Hydrocarbons as gasoline
<	Less Than the Stated Laboratory Reporting Limit
mg/kg	Milligrams per kilogram
NS	Not Sampled



APPROXIMATE SCALE

0 50 100 Feet

FN 2229 R23 GSP_SP

ERI
VALUE, QUALITY, RESPONSE

SELECT SOIL ANALYTICAL RESULTS - Benzene

FORMER EXXON STATION 7-0235
2225 Telegraph Avenue
Oakland, California

EXPLANATION

- MW6J — Groundwater Monitoring Well
- RW3A — Recovery Well
- SB9 — Soil Boring-ERI
- GP2 — Geoprobe
- PL10 — Soil Boring-Product Line
- B6 — Soil Boring-HLA
- B10 — Soil Boring-ALTON
- TG12 — Soil Boring-EA
- AB6 — Hand Auger-HLA

PROJECT NO. 2229

PLATE 14

Analyte Concentrations in mg/kg

3/2/07 Sample Date
10 FT. Sample Depth
0.016 Total Petroleum Hydrocarbons as gasoline
< Less Than the Stated Laboratory Reporting Limit
mg/kg Milligrams per kilogram
NA Not Analyzed
NS Not Sampled
a Analyzed using EPA Method 8021B

APPROXIMATE SCALE
0 50 100 Feet

FN 2229 R23 GSP_SP

SELECT SOIL ANALYTICAL RESULTS - MTBE

FORMER EXXON STATION 7-0235
2225 Telegraph Avenue
Oakland, California

EXPLANATION

- MW6J Groundwater Monitoring Well
- RW3A Recovery Well
- SB9 Soil Boring-ERI
- GP2 Geoprobe
- PL10 Soil Boring-Product Line
- B6 Soil Boring-HLA
- B10 Soil Boring-ALTON
- TG12 Soil Boring-EA
- AB6 Hand Auger-HLA

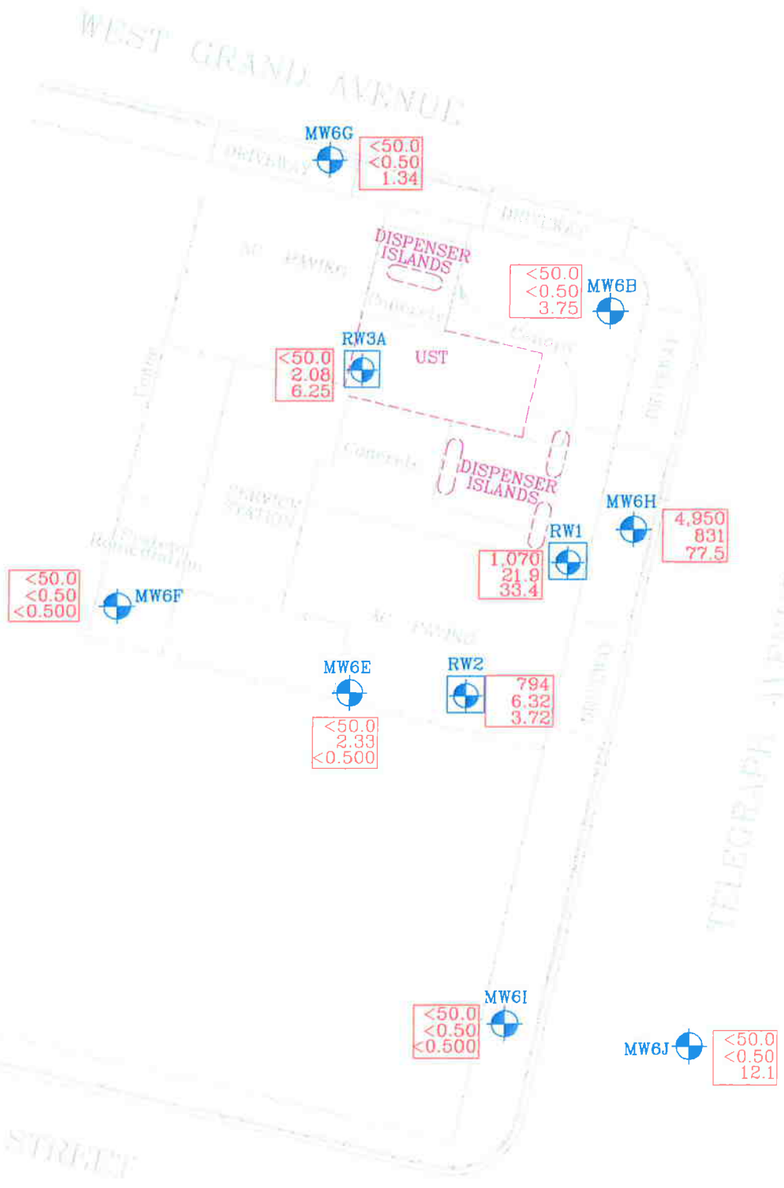
PROJECT NO. 2229

PLATE 15

Analyte Concentrations in ug/L
Sampled January 19, 2007

4,950 Total Petroleum Hydrocarbons as gasoline
831 Benzene
77.5 Methyl Tertiary Butyl Ether (EPA Method 8260B)

< Less Than the Stated Laboratory Reporting Limit
ug/L Micrograms per Liter



N

APPROXIMATE SCALE
0 40 80 Feet

FN 2229004a_QM

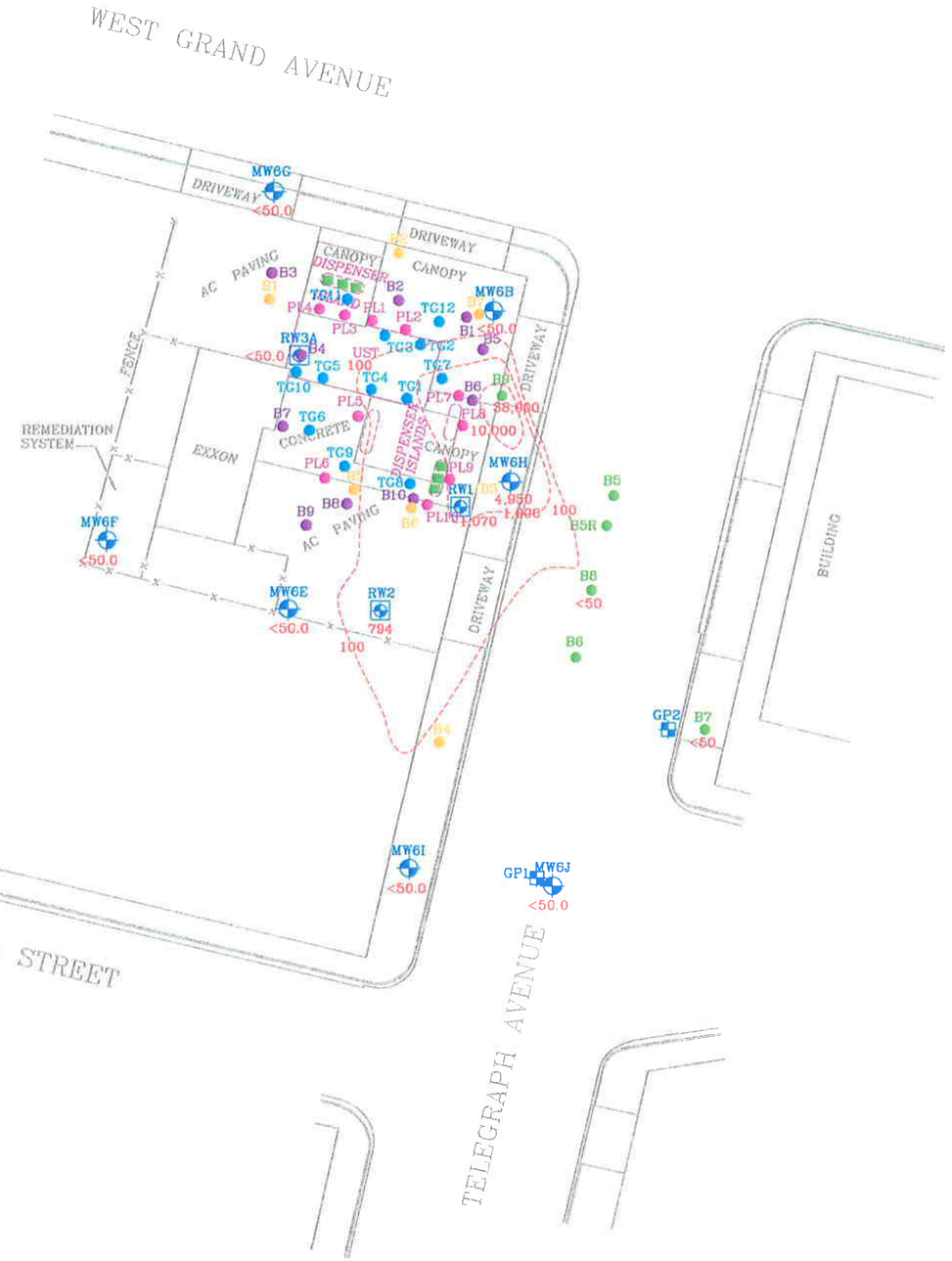
ERI
YOUR QUALITY RESPONSE

SELECT GROUNDWATER ANALYTICAL RESULTS
January 19, 2007
FORMER
EXXON SERVICE STATION 7-0235
2225 Telegraph Avenue
Oakland, California

EXPLANATION
MW6J Groundwater Monitoring Well
RW3A Recovery Groundwater Monitoring Well

PROJECT NO. 2229

PLATE 16



N

APPROXIMATE SCALE

0 50 100 Feet

FN 2229 R23 GSP_SP

10,000----- Line of Equal TPHg Concentration (ug/L)

ERI

VALUE, QUALITY, RESPONSE

TPHg ISOCONCENTRATION MAP
January 19 and March 2, 5, and 6, 2007

FORMER EXXON STATION 7-0235
2225 Telegraph Avenue
Oakland, California

EXPLANATION

- MW6J — Groundwater Monitoring Well
- <50.0 TPHg concentration (ug/L)
- RW3A — Recovery Well
- SB9 — Soil Boring-ERI
- GP2 — Geoprobe
- PL10 — Soil Boring-Product Line
- B6 — Soil Boring-HLA
- B10 — Soil Boring-ALTON
- TG12 — Soil Boring-EA
- AB6 — Hand Auger-HLA

PROJECT NO. 2229

PLATE 17

APPROXIMATE SCALE

0 50 100 Feet

FN 2229 R23 GSP_SP

b Hydrocarbon pattern does not resemble the requested fuel.

d Hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.

1,000----- Line of Equal TPHd Concentration (ug/L)

ERI

VALUE, QUALITY, RESPONSE

TPHd ISOCONCENTRATION MAP

January 19 and March 2, 5, and 6, 2007

FORMER EXXON STATION 7-0235
2225 Telegraph Avenue
Oakland, California

EXPLANATION

- MW6J — Groundwater Monitoring Well
- <47 — TPHd concentration (ug/L)
- RW3A — Recovery Well
- SB9 — Soil Boring-ERI
- GP2 — Geoprobe
- PL10 — Soil Boring-Product Line
- B5 — Soil Boring-HLA
- B10 — Soil Boring-ALTON
- TG12 — Soil Boring-EA
- AB6 — Hand Auger-HLA

PROJECT NO. 2229

PLATE 18

APPROXIMATE SCALE

0 50 100 Feet

FN 2229 R23 GSP_SP

b Hydrocarbon pattern does not resemble the requested fuel.

TPHmo Total petroleum hydrocarbons as motor oil.

ERI
WATER QUALITY RESPONSE

TPHmo ISOCONCENTRATION MAP
January 19 and March 2, 5 and 6, 2007

FORMER EXXON STATION 7-0235
2225 Telegraph Avenue
Oakland, California

EXPLANATION

- MW6J — Groundwater Monitoring Well
- <470 — TPHmo concentration (ug/L)
- RW3A — Recovery Well
- SB9 — Soil Boring-ERI
- GP2 — Geoprobe
- PL10 — Soil Boring-Product Line
- B8 — Soil Boring-HLA
- B10 — Soil Boring-ALTON
- TG12 — Soil Boring-EA
- AB6 — Hand Auger-HLA

PROJECT NO. 2229

PLATE 19

APPROXIMATE SCALE

0 50 100 Feet

FN 2229 R23 GSP_SP

10,000---- Line of Equal Benzeme Concentration (ug/L)

BENZENE ISOCONCENTRATION MAP

January 19 and March 2, 5, and 6, 2007

FORMER EXXON STATION 7-0235
2225 Telegraph Avenue
Oakland, California

ERI
VALUE, QUALITY, RESPONSE

EXPLANATION

- MW6J — Groundwater Monitoring Well
- <0.50 Benzene concentration (ug/L)
- RW3A — Recovery Well
- SB9 — Soil Boring-ERI
- GP2 — Geoprobe
- PL10 — Soil Boring-Product Line
- B6 — Soil Boring-HLA
- B10 — Soil Boring-ALTON
- TG12 — Soil Boring-EA
- AB6 — Hand Auger-HLA

PROJECT NO.
2229
PLATE
20

FN 2229 R23 GSP_SP

100 -----Line of Equal MTBE Concentration (ug/L)

MTBE ISOCONCENTRATION MAP

January 19 and March 2, 5, and 6, 2007

FORMER EXXON STATION 7-0235
2225 Telegraph Avenue
Oakland, California

ERI
VALUE, QUALITY, RESPONSE

EXPLANATION

- MW6J — Groundwater Monitoring Well
- 12.1 — MTBE concentration (ug/L)
- RW3A — Recovery Well
- SB9 — Soil Boring-ERI
- GP2 — Geoprobe
- PL10 — Soil Boring-Product Line
- B6 — Soil Boring-HLA
- B10 — Soil Boring-ALTON
- TG12 — Soil Boring-EA
- AB6 — Hand Auger-HLA

PROJECT NO. 2229

PLATE 21

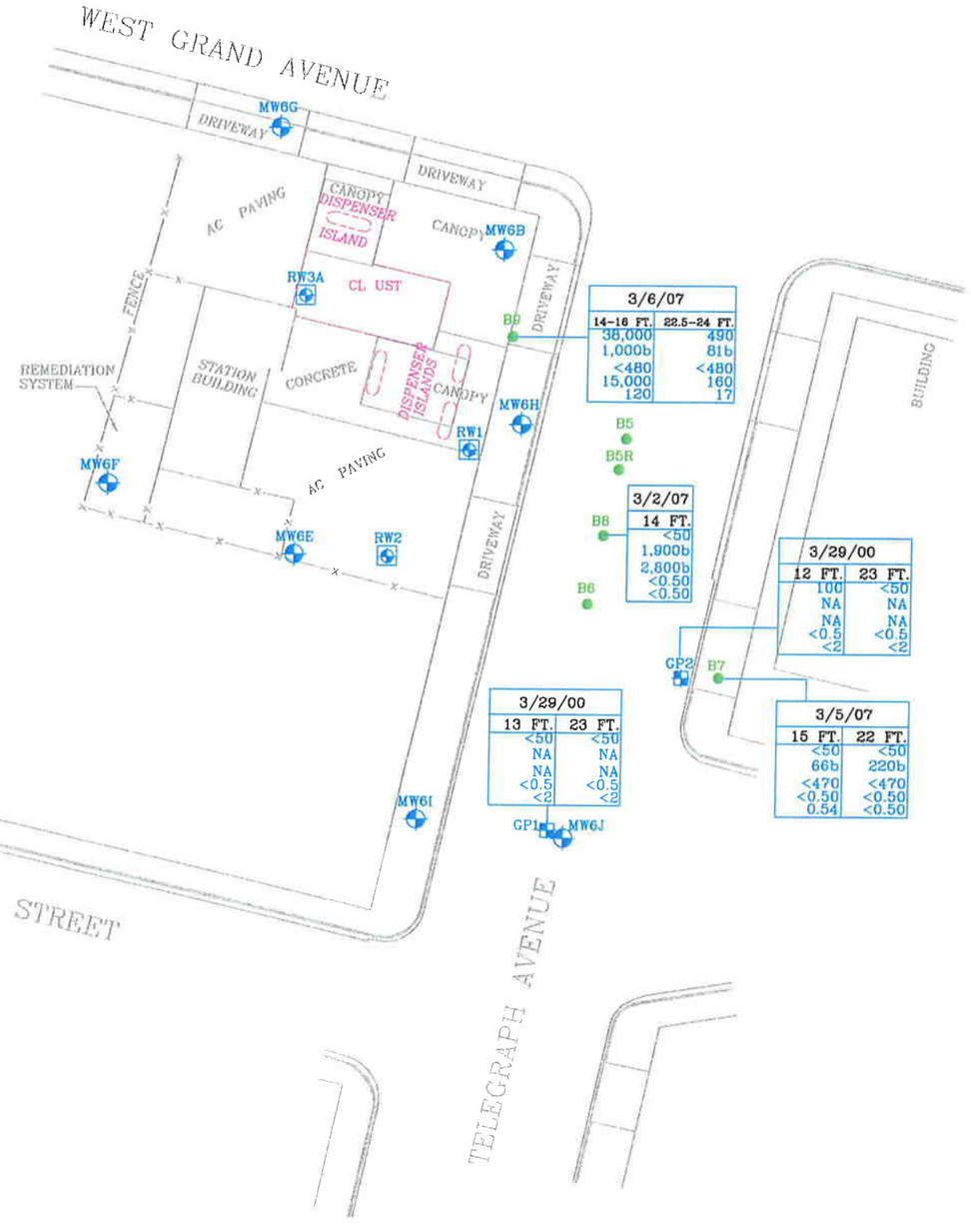
Analyte Concentrations in ug/L

3/6/07	Sample Date
14-16 FT.	Sample Date
38,000	Total Petroleum Hydrocarbons as gasoline
1,000b	Total Petroleum Hydrocarbons as diesel
<480	Total Petroleum Hydrocarbons as motor oil
15,000	Benzene
120	Methyl Tertiary Butyl Ether (EPA Method 8260B)

< Less Than the Stated Laboratory Reporting Limit

ug/L Micrograms per Liter

b Hydrocarbon pattern does not resemble the requested fuel



APPROXIMATE SCALE

0 50 100 Feet

FN 2229 R23 GRAB GROUNDWATER_SP

ERI VAPOR QUALITY RESPONSE

SELECT GRAB GROUNDWATER ANALYTICAL RESULTS

FORMER EXXON STATION 7-0235
2225 Telegraph Avenue
Oakland, California

EXPLANATION

MW6J Groundwater Monitoring Well

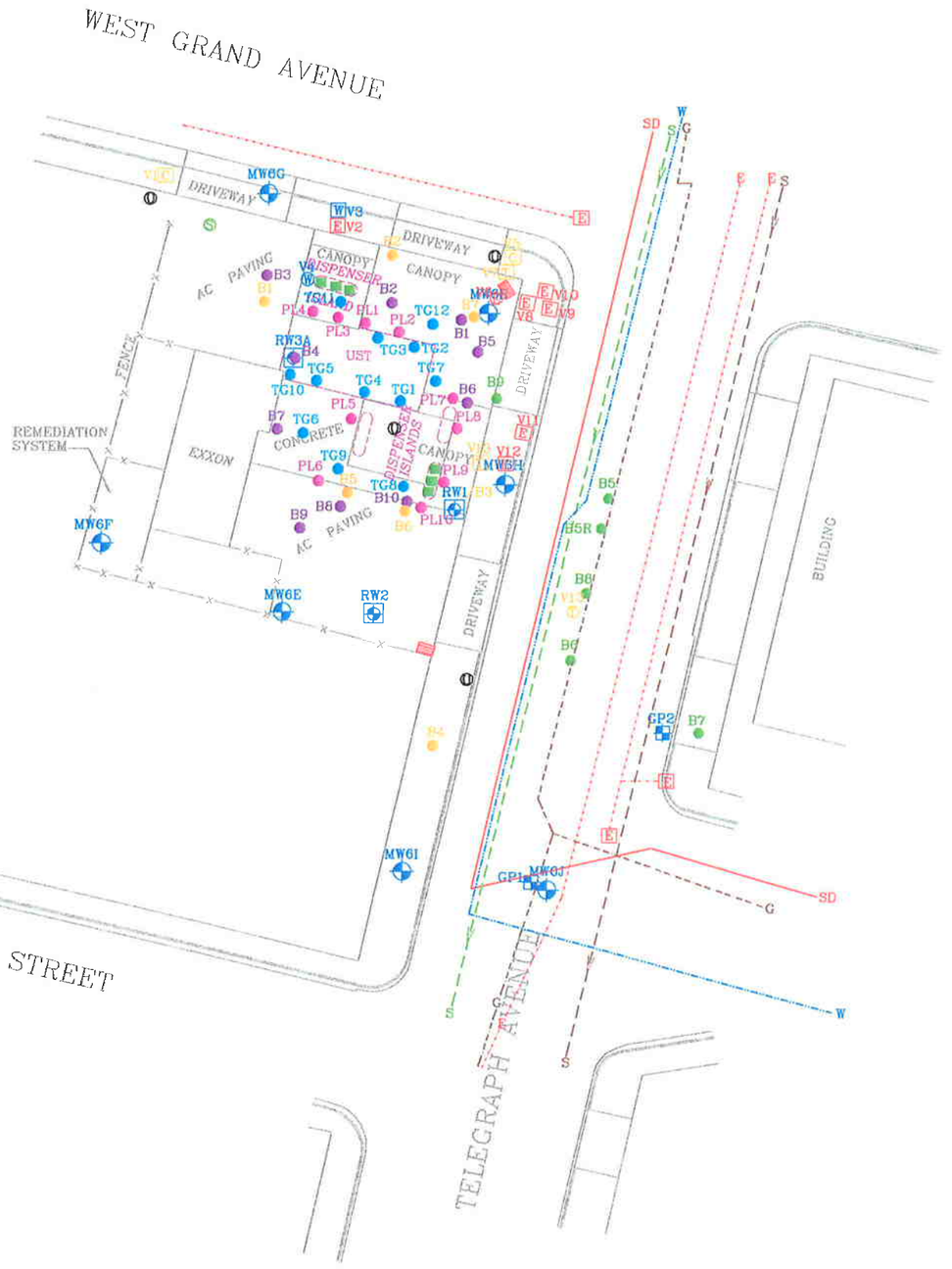
RW3A Recovery Well

SB10 Soil Boring

GP2 Geoprobe

PROJECT NO. 2229

PLATE 22



APPROXIMATE SCALE

0 50 100 Feet

FN 2229 R23 GSP_SP

UTILITY LEGEND

UTILITY VAULTS	UTILITY LINES
E ELECTRIC	ELECTRIC
S SEWER	GAS
C CABLE	SEWER
U UNKNOWN	STORM DRAIN
STORM DRAIN	WATER
T PACIFIC BELL	

ERI
VALUE, QUALITY, RESPONSE

VAULT/UTILITY MAP

FORMER EXXON STATION 7-0235
2225 Telegraph Avenue
Oakland, California

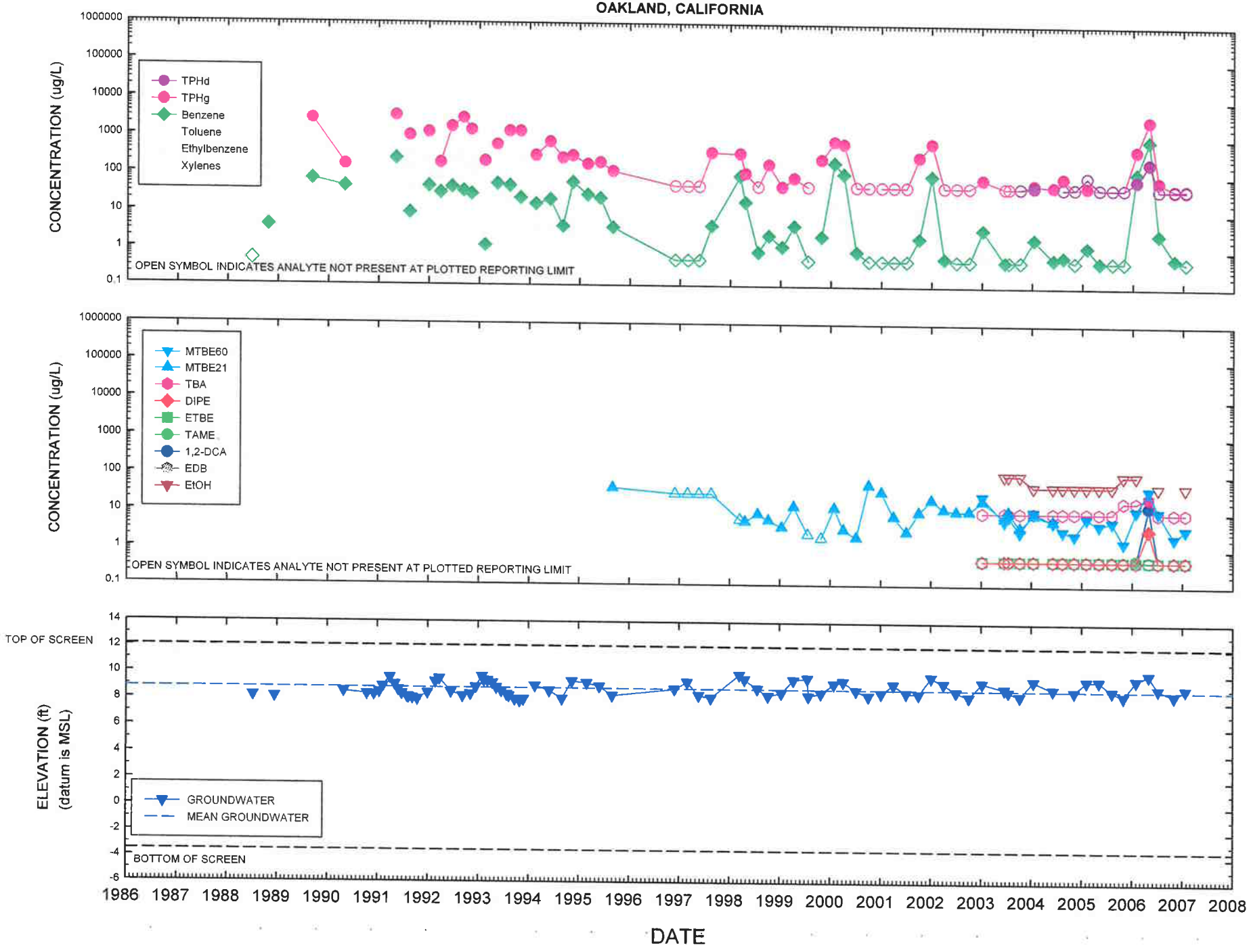
EXPLANATION

- MW6J — Groundwater Monitoring Well
- RW3A — Recovery Well
- SB9 — Soil Boring-ERI
- GP2 — Geoprobe
- PL10 — Soil Boring-Product Line
- SB6 — Soil Boring-HLA
- B10 — Soil Boring-ALTON
- TG12 — Soil Boring-EA
- AB6 — Hand Auger-HLA

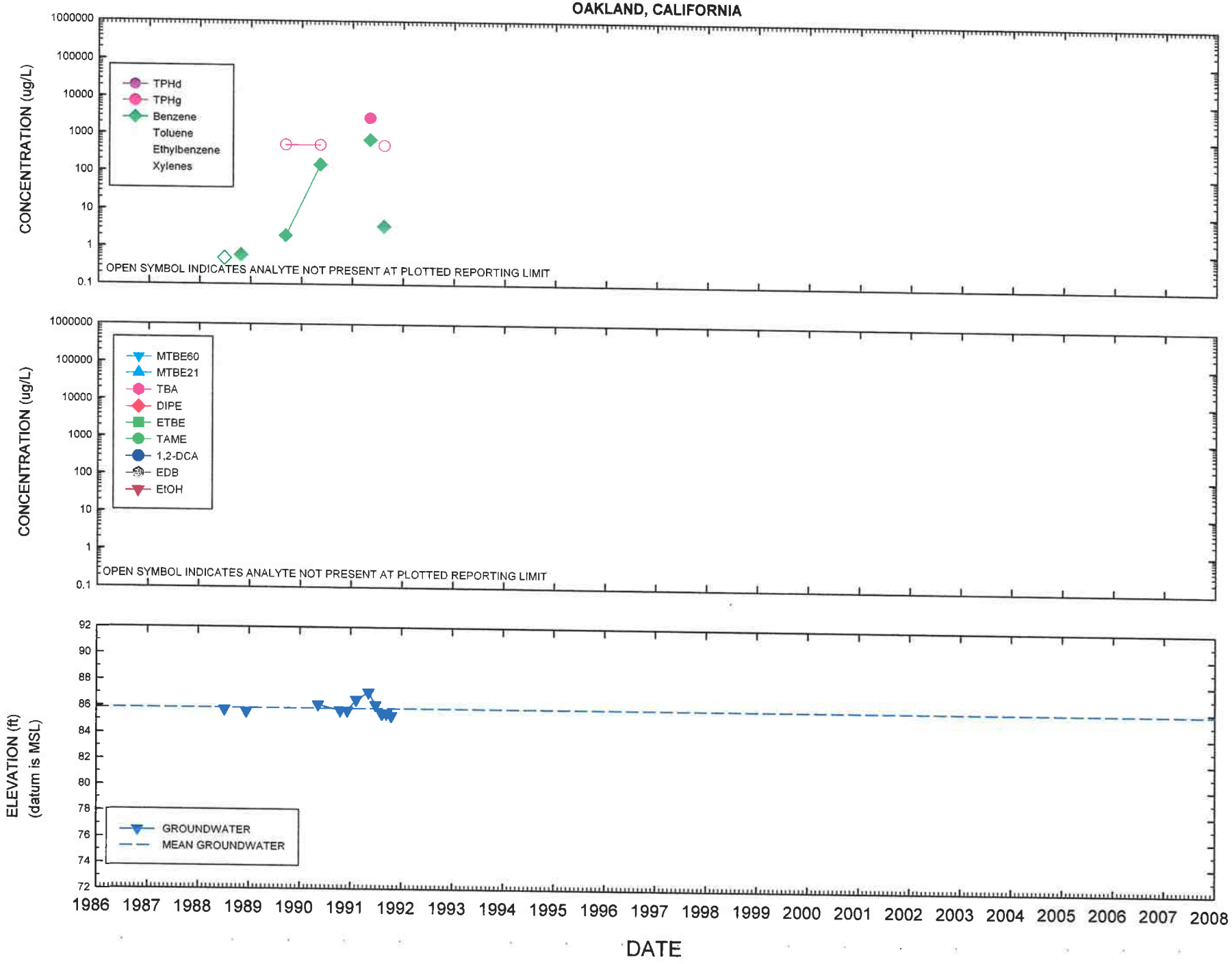
PROJECT NO. 2229

PLATE 23

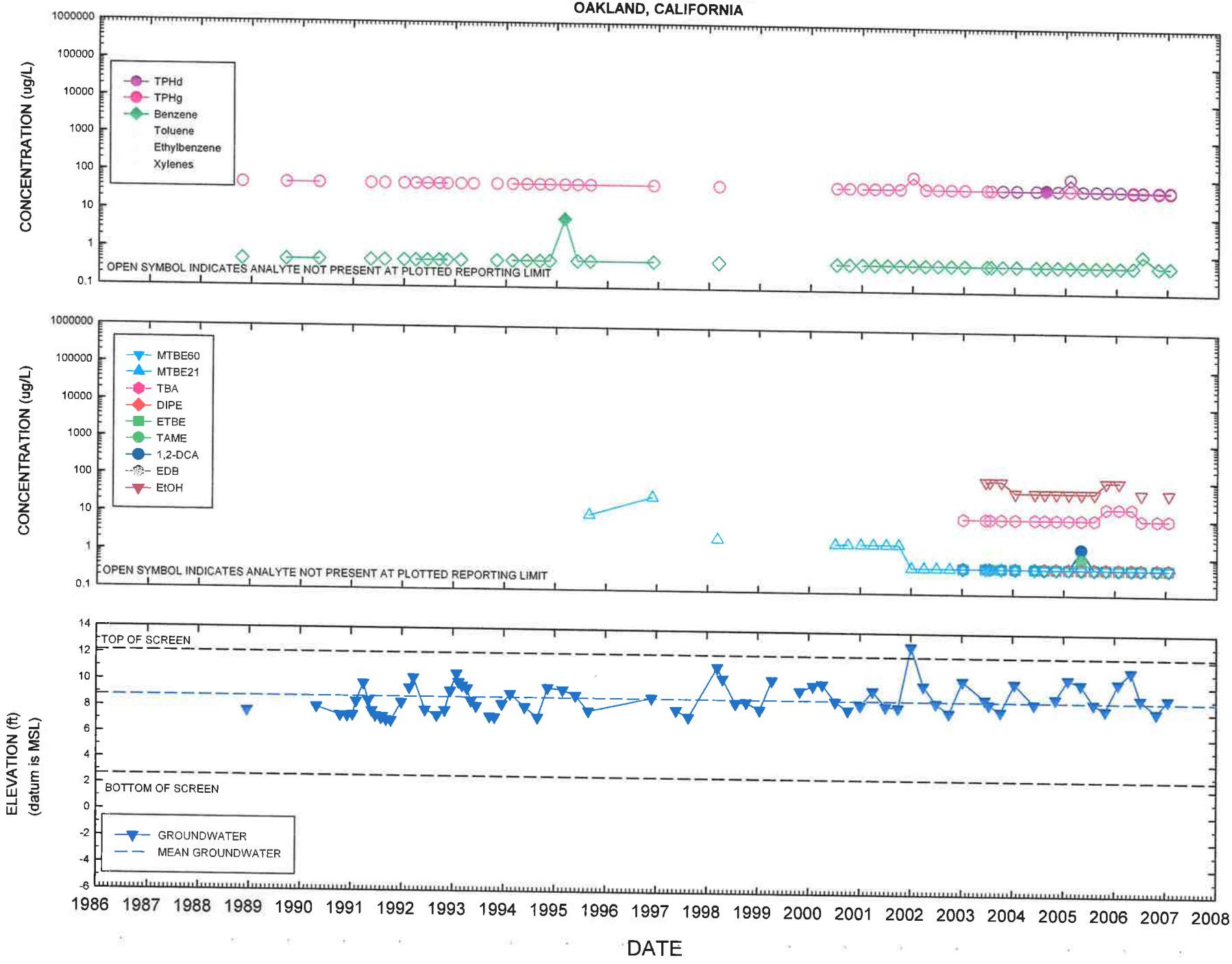
HYDROGRAPH - WELL MW6B
FORMER EXXON SERVICE STATION 7-0235
2225 TELEGRAPH AVENUE
OAKLAND, CALIFORNIA



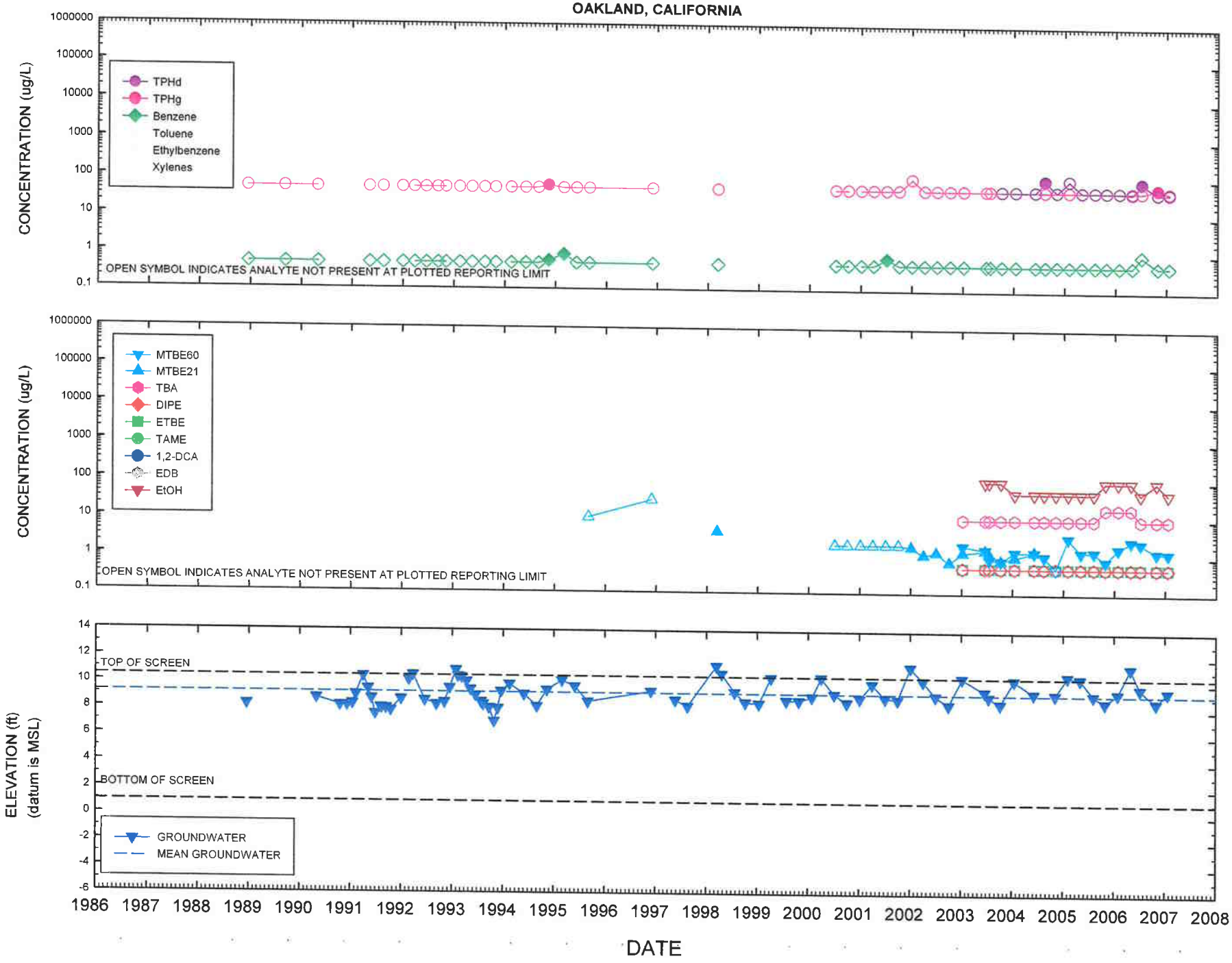
HYDROGRAPH - WELL MW6A
FORMER EXXON SERVICE STATION 7-0235
2225 TELEGRAPH AVENUE
OAKLAND, CALIFORNIA



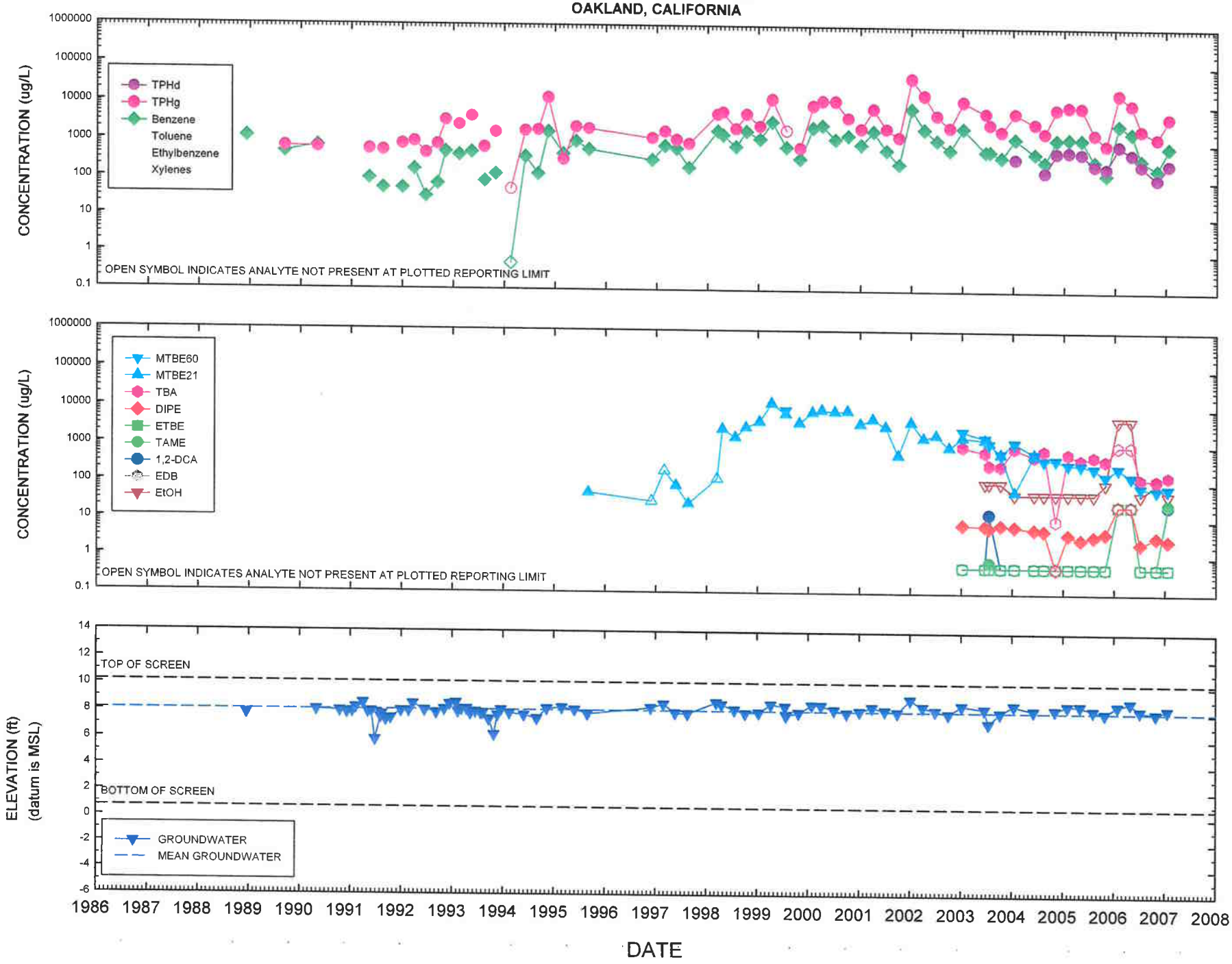
HYDROGRAPH - WELL MW6F
FORMER EXXON SERVICE STATION 7-0235
2225 TELEGRAPH AVENUE
OAKLAND, CALIFORNIA



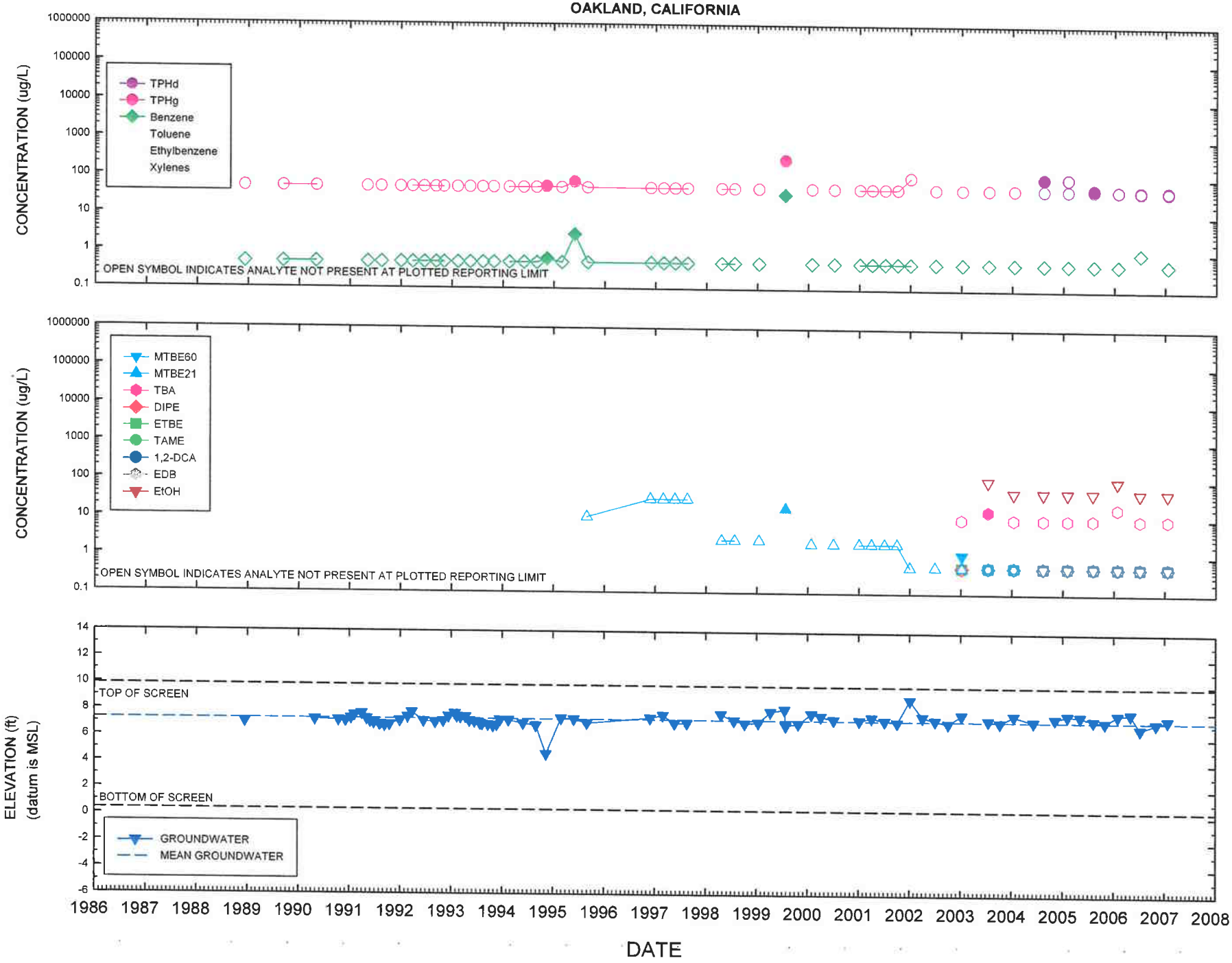
HYDROGRAPH - WELL MW6G
FORMER EXXON SERVICE STATION 7-0235
2225 TELEGRAPH AVENUE
OAKLAND, CALIFORNIA



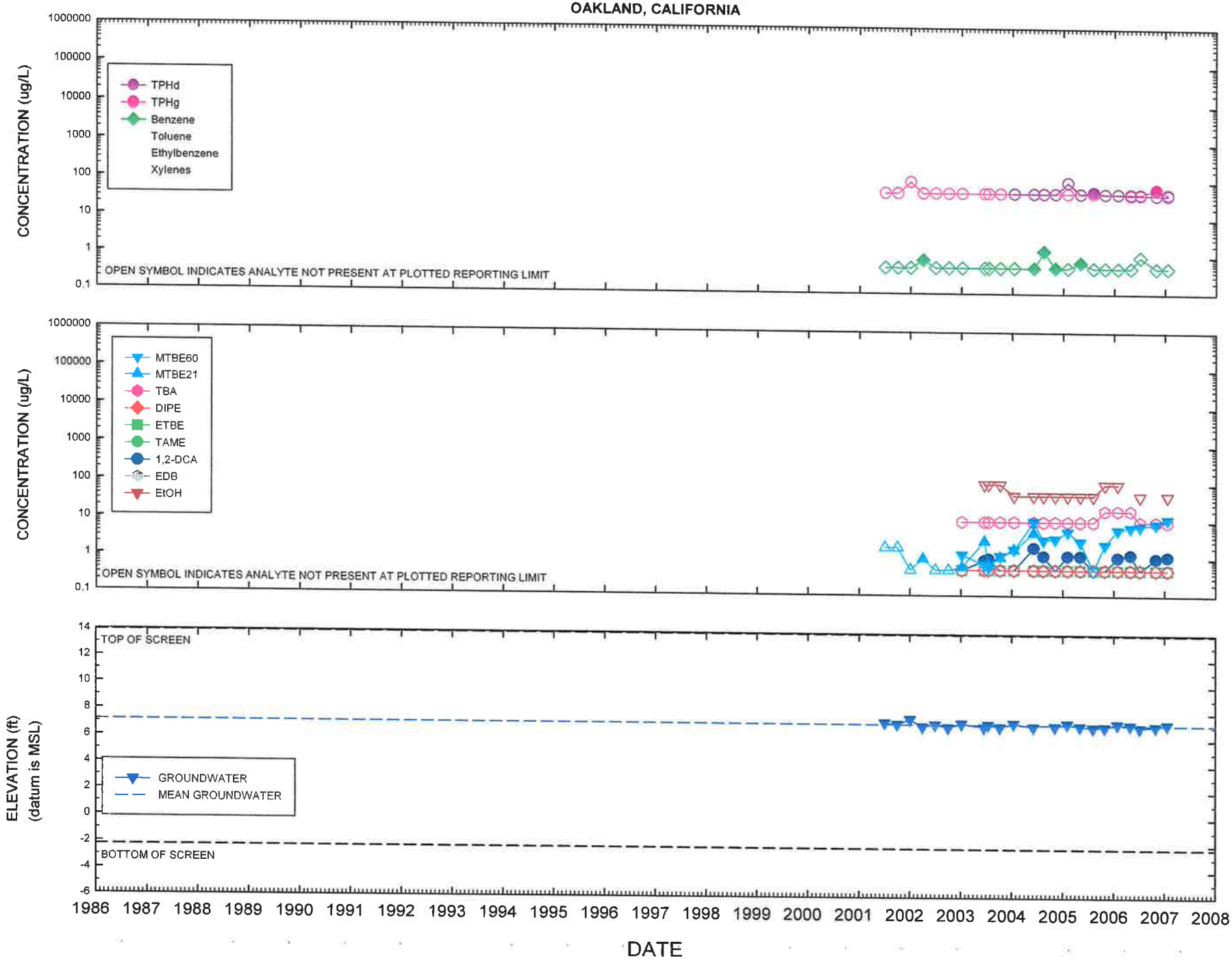
HYDROGRAPH - WELL MW6H
FORMER EXXON SERVICE STATION 7-0235
2225 TELEGRAPH AVENUE
OAKLAND, CALIFORNIA



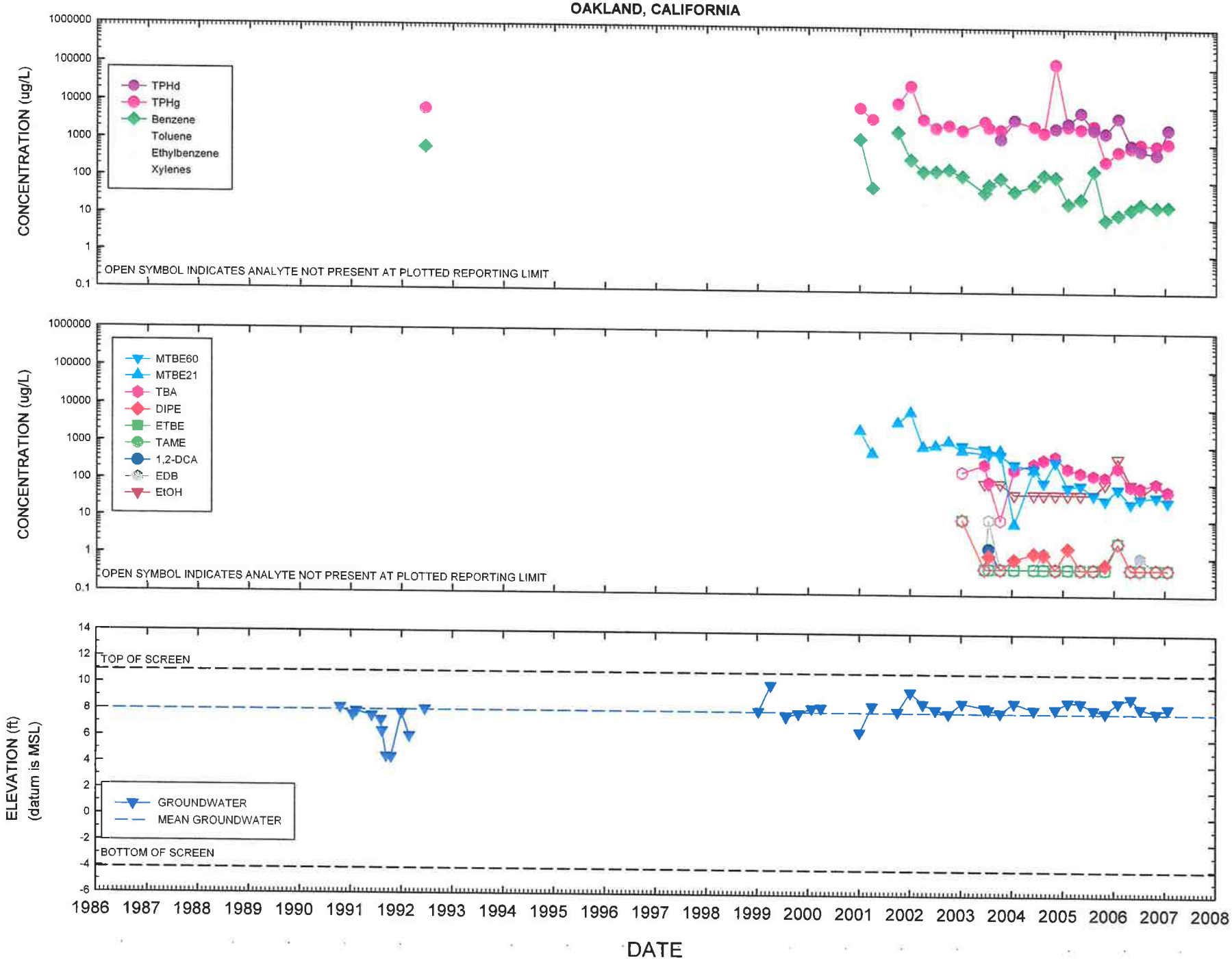
HYDROGRAPH - WELL MW6I
FORMER EXXON SERVICE STATION 7-0235
2225 TELEGRAPH AVENUE
OAKLAND, CALIFORNIA



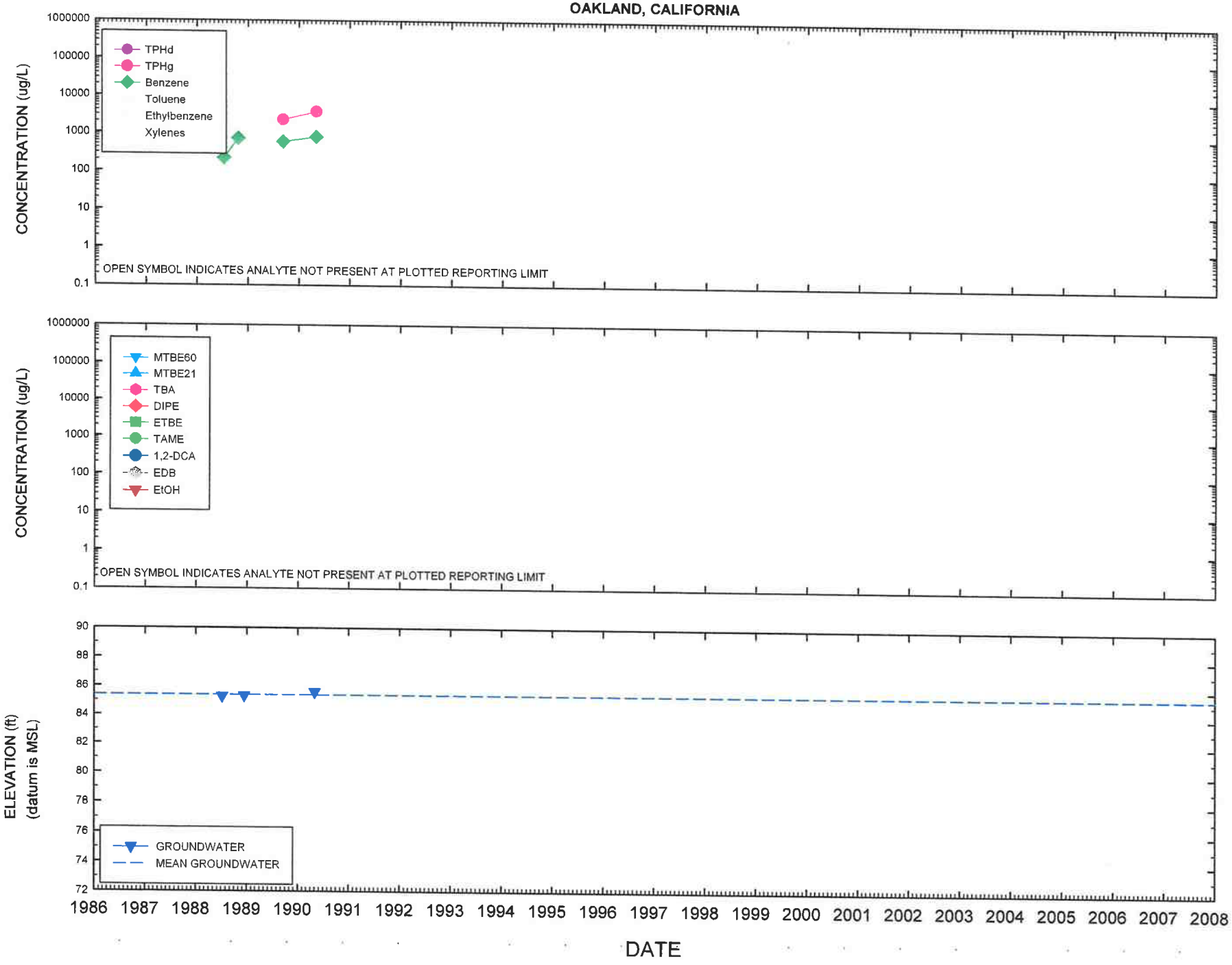
HYDROGRAPH - WELL MW6J
FORMER EXXON SERVICE STATION 7-0235
2225 TELEGRAPH AVENUE
OAKLAND, CALIFORNIA



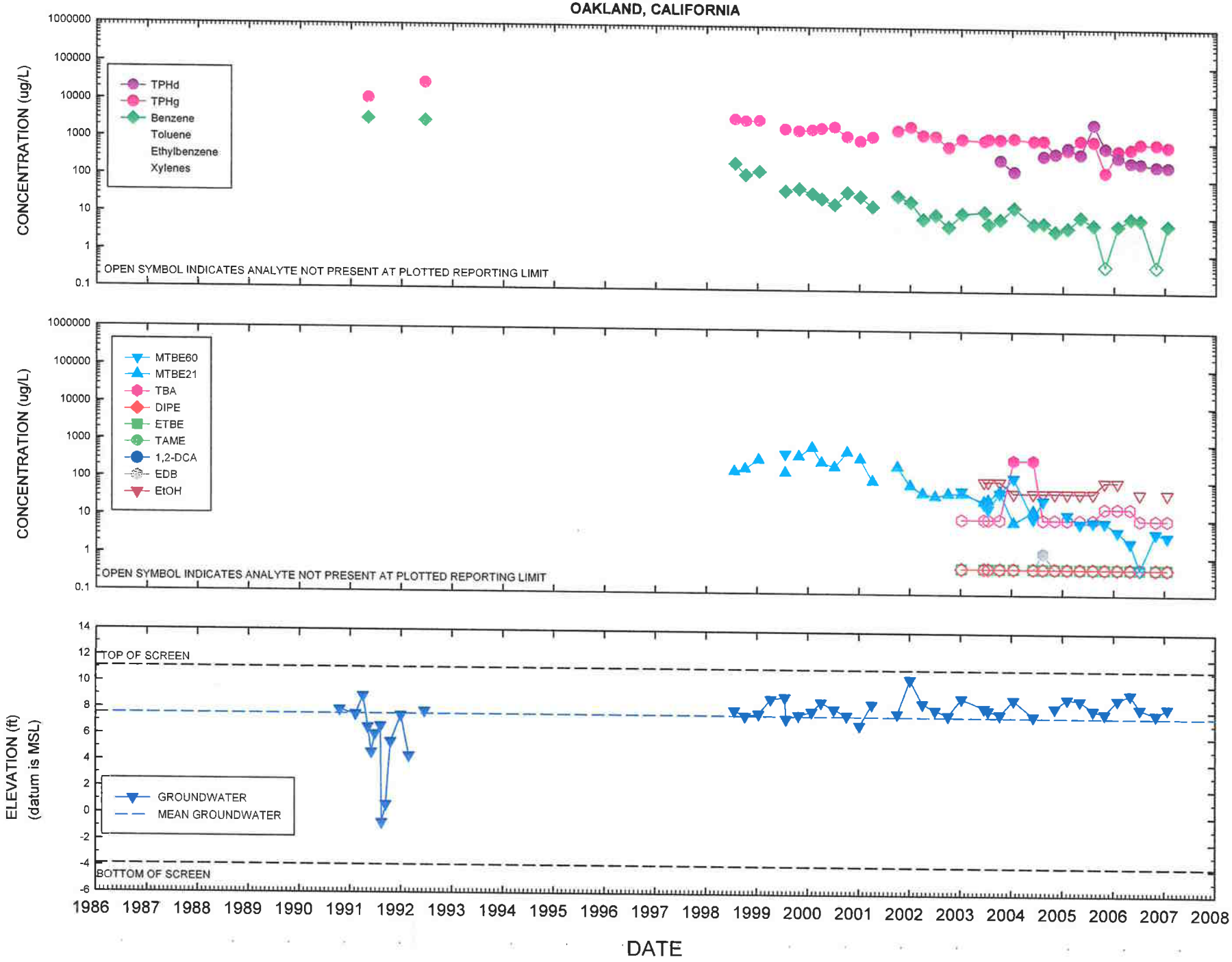
HYDROGRAPH - WELL RW1
FORMER EXXON SERVICE STATION 7-0235
2225 TELEGRAPH AVENUE
OAKLAND, CALIFORNIA



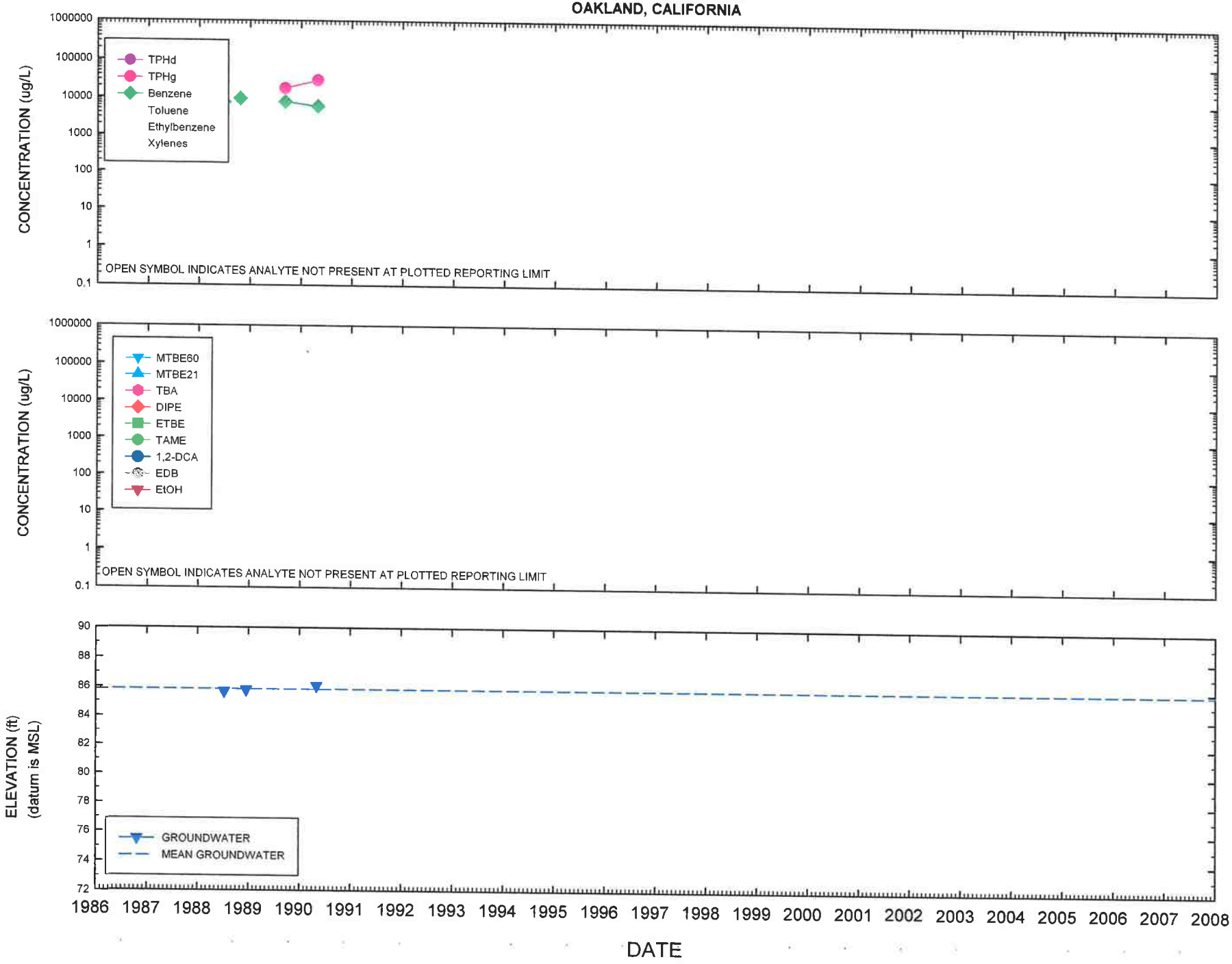
HYDROGRAPH - WELL MW6D
FORMER EXXON SERVICE STATION 7-0235
2225 TELEGRAPH AVENUE
OAKLAND, CALIFORNIA



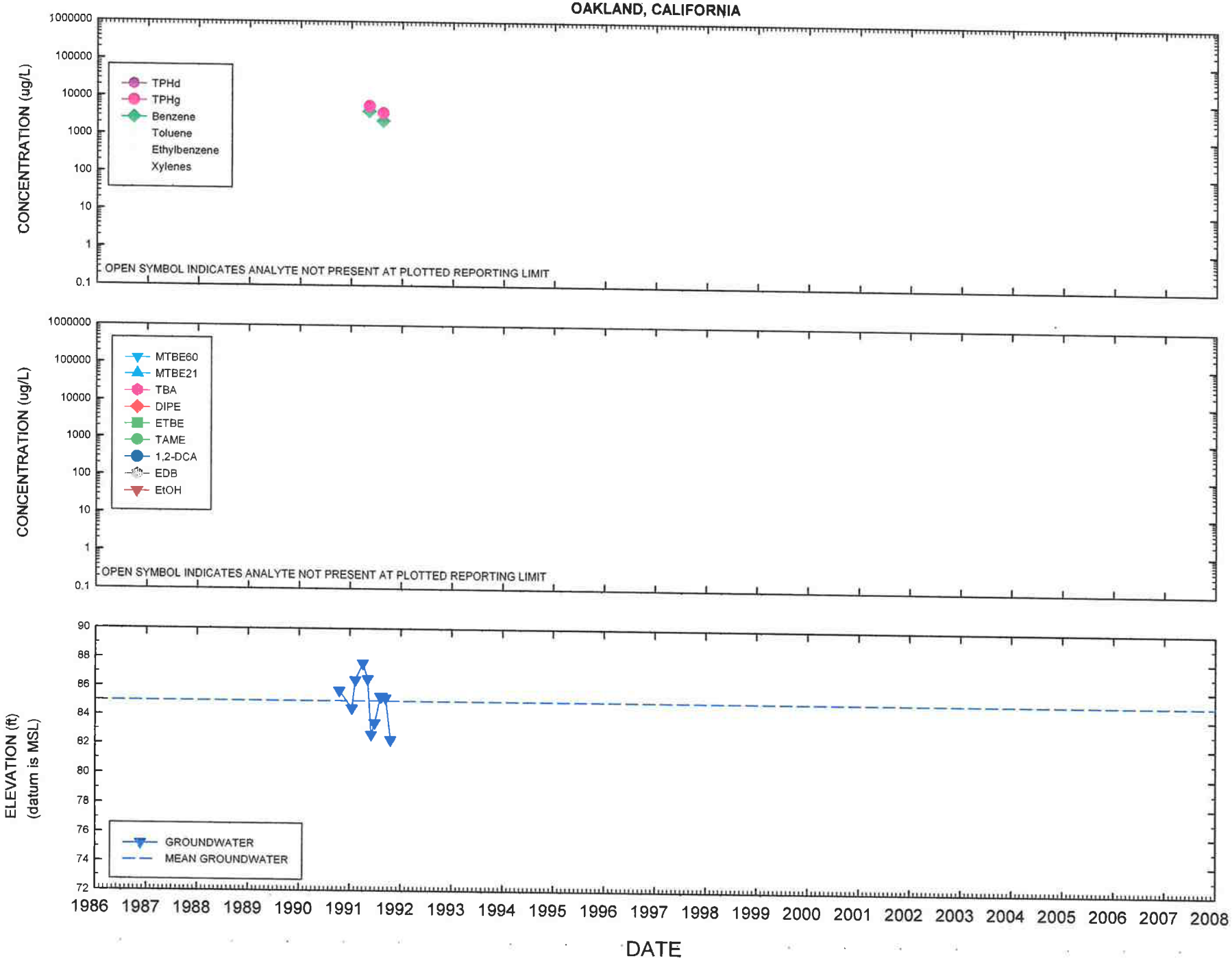
HYDROGRAPH - WELL RW2
FORMER EXXON SERVICE STATION 7-0235
2225 TELEGRAPH AVENUE
OAKLAND, CALIFORNIA



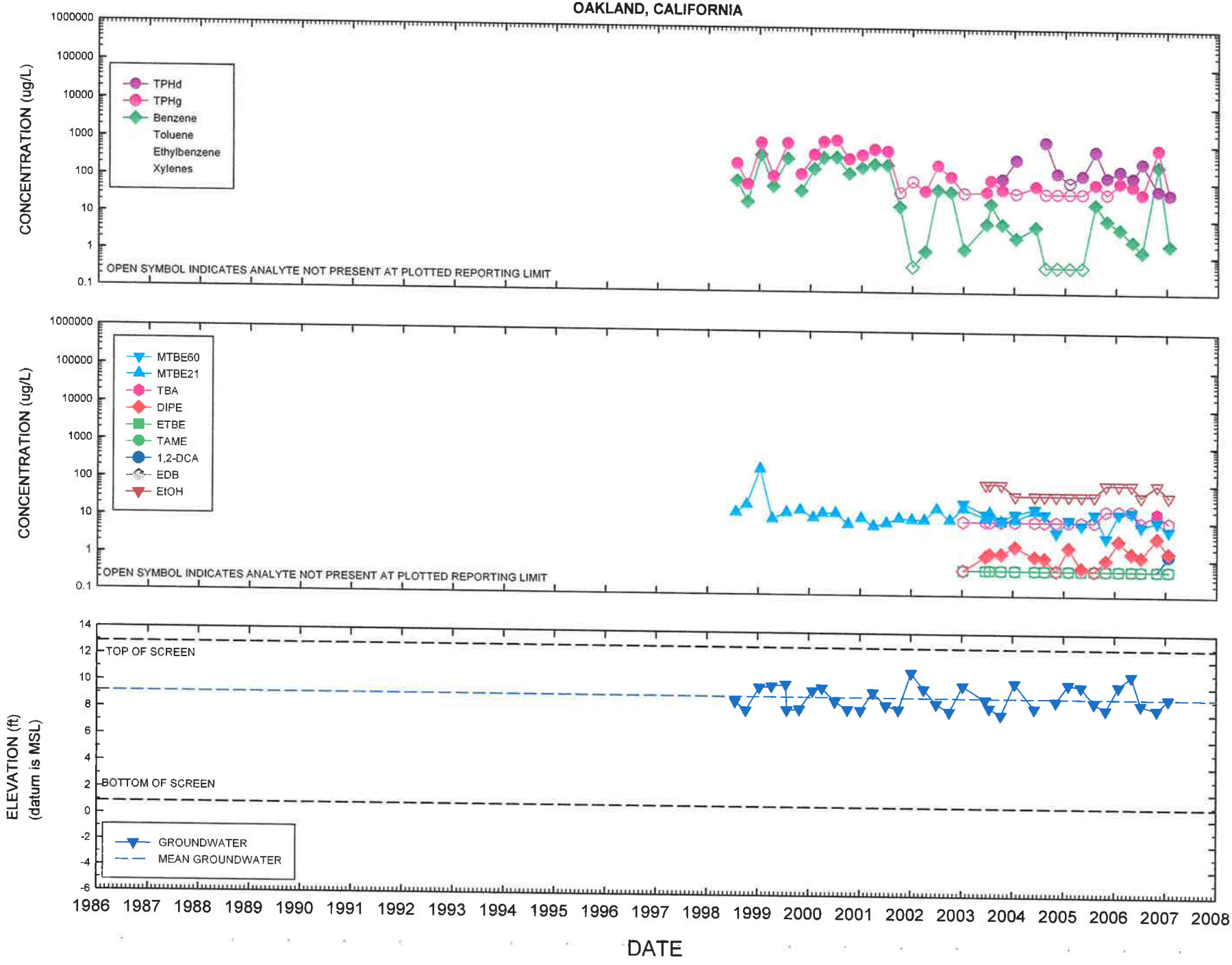
HYDROGRAPH - WELL MW6C
FORMER EXXON SERVICE STATION 7-0235
2225 TELEGRAPH AVENUE
OAKLAND, CALIFORNIA



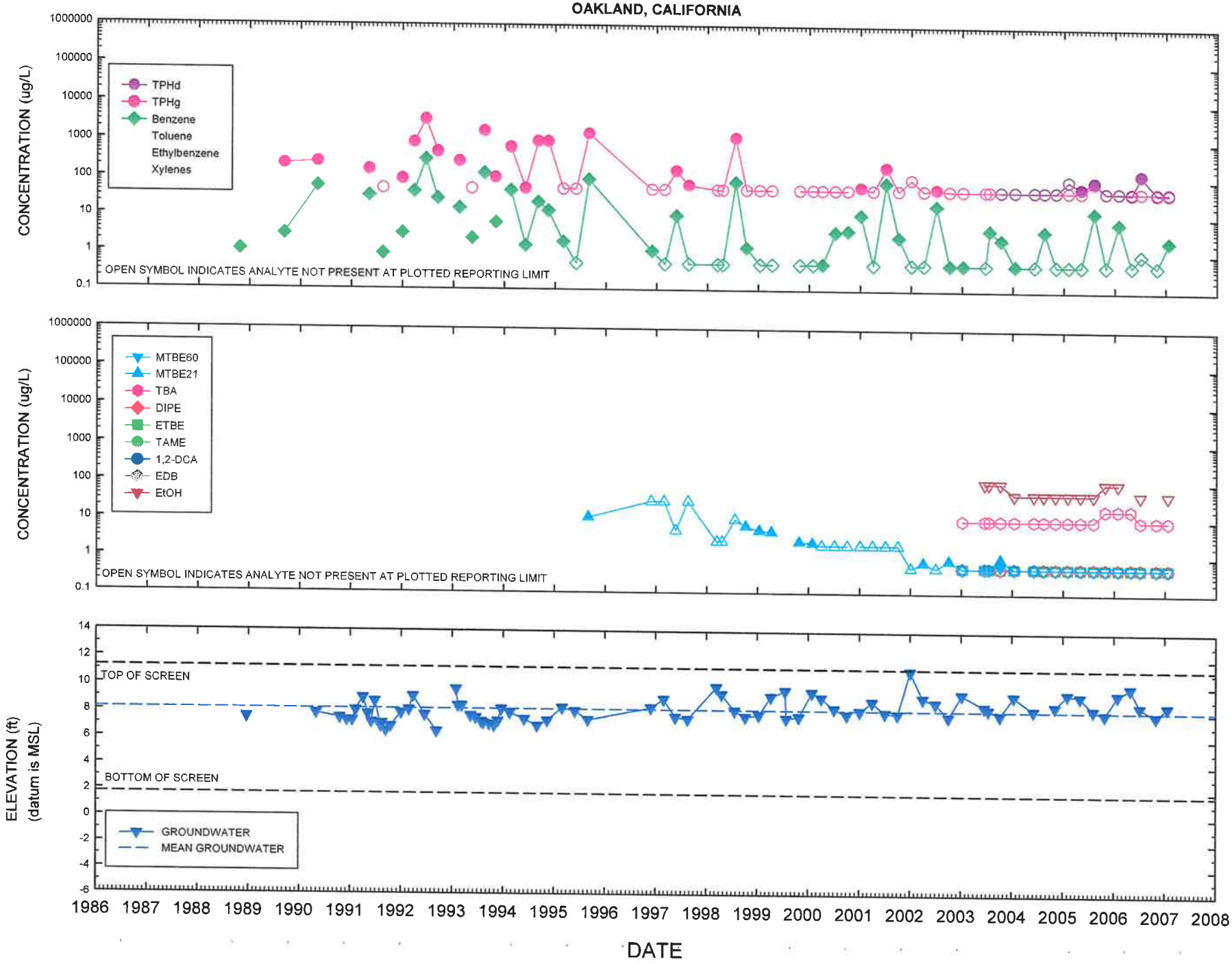
HYDROGRAPH - WELL RW3
FORMER EXXON SERVICE STATION 7-0235
2225 TELEGRAPH AVENUE
OAKLAND, CALIFORNIA



HYDROGRAPH - WELL RW3A
FORMER EXXON SERVICE STATION 7-0235
2225 TELEGRAPH AVENUE
OAKLAND, CALIFORNIA



HYDROGRAPH - WELL MW6E
FORMER EXXON SERVICE STATION 7-0235
2225 TELEGRAPH AVENUE
OAKLAND, CALIFORNIA



ATTACHMENT A

REGULATORY CORRESPONDENCE

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

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

January 11, 2007

Ms. Jennifer Sedlachek
ExxonMobil Refining & Supply – Global Remediation
4096 Piedmont Avenue #194
Oakland, CA 94611

Mr. William Wong
PO Box 4032
Concord, CA 94524-2032

Mr. Lam Truong
2225 Telegraph Avenue
Oakland, CA 94612-2315

Mr. Mark Inglis
6001 Bollinger Canyon Rd
PO Box 6012
San Ramon, CA 94583-2324

Subject: Fuel Leak Case No. RO0000358, Exxon #7-2035, 2225 Telegraph Ave., Oakland CA

Dear Ms. Sedlachek and Messrs. Wong, Inglis and Troung

Alameda County Environmental Health Department (ACEH) staff has reviewed the recently submitted reports entitled, "Groundwater Monitoring Report, Second Quarter 2006", and "Addendum to Preferential Pathway Study and Work Plan", dated December 8, 2003 and prepared on your behalf by Environmental Resolutions Inc. (ERI). ACEH agrees with the need for additional off-site soil and groundwater investigation in order to properly characterize soil and groundwater conditions and contamination issues immediately downgradient of the site.

Currently, elevated concentrations of petroleum hydrocarbons occur throughout the site, specifically in monitoring wells MW-6B, MW-6H and RW-1. During April 2006 quarterly groundwater monitoring and sampling, groundwater samples tested maximum concentrations of up to 11,000 µg/L, 2,000 µg/L benzene and 160 µg/L MtBE, respectively. In November 2004 a groundwater sample collected from RW-1 tested elevated concentrations of 127,000 µg/L for TPHg, which is approximately two orders of magnitude above historical concentrations for this well. It is possible that an unreported leak occurred beneath the fuel dispensers and caused this anomalous result. Please provide ACEH with a plausible explanation as to the cause of this unusual result. In addition, the proposed Work Plan recommends the installation of four additional offsite soil borings to characterize potential dissolved plume migration immediately downgradient of your site. Please see the technical comments below regarding the proposed work plan implementation.

We request that you perform the proposed work address the following technical comments and send us the reports described below. Please provide 72-hour advance written notification to this office (e-mail preferred to steven.plunkett@acgov.org) prior to the start of field activities.

TECHNICAL COMMENTS

1. **Proposed Soil Boring Installation and Soil Sampling.** Current conditions along the northeast property line of the site indicate the presence of elevated concentrations of petroleum hydrocarbons in soil and groundwater. ERI has proposed the installation of four additional soil borings downgradient of MW-6H, MW-6J and RW-2. ACEH generally concurs with the recommendations in the Work Plan provided the following conditions are satisfied. The proposed soil boring locations B5 and B6 are approximately 60 feet apart. Considering the linear separation between these two soil borings, ACEH recommends the installation of one additional soil boring midway between B5 and B6. Furthermore, to delineate the extent of potential off site contamination migration at the north end of the site, ACEH also recommends the installation of one additional soil boring down gradient of MW-6B. The off site Soil Water Investigation (SWI) should include a total of five soil borings.

   ERI suggests that soil sampling be completed to a maximum depth of 20 feet bgs. It is important to determine the depth at which soil is not impacted by petroleum hydrocarbon contamination, and thus demonstrate the vertical profile of soil contamination. ACEH requests that soil samples be submitted for laboratory analyses from the capillary fringe and all depth intervals where staining, odor, changes in lithology or elevated PID readings are observed. If staining, odor, or elevated PID readings are observed over an interval of several feet, a sufficient number of soil samples from this interval should be submitted for laboratory analyses to characterize the contamination within this interval. Please present the result of the SWI in the report requested below.

2. **Preferential Pathway Study**

   The purpose of the preferential pathway study is to locate potential migration pathways and conduits and determine the probability of the NAPL and/or plume encountering preferential pathways or conduits that could spread contamination. In particular, the location of the BART tunnel that runs adjacent to the project site. Please evaluate the trend of the tunnel, type of construction and depth of the tunnel boring below grade to determine if the structure and surrounding fill material may be acting as a conduit for plume migration.

   a) **Well Survey**

      The preferential pathway study shall include a detailed well survey of all wells (monitoring and production wells: active, inactive, standby decommissioned (sealed with concrete), abandoned, (improperly decommissioned or lost); and dewatering and cathodic protection wells) within a 2000 feet radius of the subject site. The well survey should include well data from California Department of Water Resource well database and Alameda County Department of Public Works. Submittal of map(s) showing the location of all wells identified in your study, and the use of tables to report the data collected as part of your survey are required. Please refer to the Regional Board's guidance for identification, location, and evaluation of potential deep well conduits when conducting your preferential pathway study. Present the result from the preferential pathway study in the report requested below.

3. **Depth Discrete Groundwater Sampling.** ACEH is concerned that dissolved phase contamination may be moving off site, and thus we agrees with need for depth discrete

groundwater sampling as proposed by ERI. Review of the soil boring data indicate the possibility that a discrete lithologic unit exists at approximately 15 to 20 feet bgs, ACEH requests that depth discrete groundwater samples be collected from this unit to determine whether it maybe contributing to the migration of contamination down gradient of the site. ACEH recommends using the soil boring data to target discrete groundwater bearing zones and direct groundwater sampling activities accordingly. ACEH requests that grab groundwater samples be collected at first groundwater encountered from each direct push soil boring and at locations determined during the soil boring installation. Please present the result from depth discrete groundwater sampling in the SWI requested below.

4. **Soil Chemical Analysis.** ACEH requests that all soil samples collected below five feet bgs. are to be analyzed for the following constituents; TPHg and TPHd by EPA Method 8015M or 8260, BTEX, EDB, EDC, MtBE, TAME, ETBE, DIPE, TBA and EtOH by EPA Method 8260. Please include results from the investigation in the SWI requested below.

5. **Groundwater Chemical Analysis.** ACEH requests that all grab groundwater samples collected during the investigation be analyzed for the following constituents; TPHg and TPHd by EPA Method 8015M or 8260, BTEX, EDB, EDC, MtBE, TAME, ETBE, DIPE, TBA and EtOH by EPA Method 8260. Please include results from the investigation in the SWI requested below.

6. **Project Approach and Investigation Reporting** – Site Conceptual Model

We anticipate that characterization and remediation work in addition to what is requested in this letter will be necessary at and down gradient from your site. Considerable cost savings can be realized if your consultant focuses on developing and refining a viable Site Conceptual Model (SCM) for the project. A SCM is a set of working hypotheses pertaining to all aspects of the contaminant release, including site geology, hydrogeology, release history, residual and dissolved contamination, attenuation mechanisms, pathways to nearby receptors, and likely magnitude of potential impacts to receptors. The SCM is used to identify data gaps that are subsequently filled as the investigation proceeds. As the data gaps are filled, the working hypotheses are modified, and the overall SCM is refined and strengthened. Subsurface investigations continue until the SCM no longer changes as new data are collected. At this point, the SCM is said to be "validated." The validated SCM then forms the foundation for developing the most cost-effective corrective action plan to protect existing and potential receptors.

When performed properly, the process of developing, refining and ultimately validating the SCM effectively guides the scope of the entire site investigation. We have identified, based on our review of existing data, some initial key data gaps in this letter and have described several tasks that we believe will provide important new data to refine the SCM. **We request that your consultant develop a SCM for this site, identify data gaps, and propose specific supplemental tasks for future investigations.** There may need to be additional phases of investigations, each building on the results of the prior work, to validate the SCM. Characterizing the site in this way will improve the efficiency of the work and limit its overall cost.

Both Industry and the regulatory community endorse the SCM approach. Technical guidance for developing SCMs is presented in API's Publication No. 4699 and EPA's Publication No.

EPA 510-B-97-001 both referenced above; and "Guidelines for Investigation and Cleanup of MTBE and Other Ether-Based Oxygenates, Appendix C," prepared by the State Water Resources Control Board, dated March 27, 2000.

The SCM for this project shall incorporate, but not be limited to, the following:

a) A concise narrative discussion of the regional geologic and hydrogeologic setting obtained from your background study. Include a list of technical references you reviewed, and copies (photocopies are sufficient) of regional geologic maps, groundwater contours, rose diagrams, cross-sections, etc.

b) A concise discussion of the on-site and off-site geology, hydrogeology, release history, source zone, plume development and migration, attenuation mechanisms, preferential pathways, and potential threat to down gradient and above-ground receptors. Be sure to include the vapor pathway in your analysis. Maximize the use of large-scale graphics (e.g., maps, cross-sections, contour maps, etc.) and conceptual diagrams to illustrate key points. Geologic cross-sections, which include an interpretive drawing of the vertical extent of soil and groundwater contamination (i.e., an interpretive drawing—not a plot of laboratory results). The SCM report requested below is to include one cross section parallel and one cross section perpendicular to the contaminant plume axis. Each cross section should include, but not be restricted to, the following:

1. Subsurface geologic features, depth to groundwater and man-made conduits.
2. Surface topography. The cross sections should be extended off-site where necessary to show significant breaks in slope.
3. Soil descriptions for all borings and wells along the line of section.
4. Screen and filter pack intervals for each monitoring well.
5. Sampling locations and results for soil and grab groundwater samples.
6. Site features such as the tank pit, dispensers, buildings etc. Where appropriate, monitoring well location and soil boring locations will be projected back to the strike of the cross section line.

c) Identification and listing of specific data gaps that require further investigation during subsequent phases of work.

d) Proposed activities to investigate and fill data gaps identified above.

e) The SCM shall include an analysis of the hydraulic flow system at and down gradient from the site. Include rose diagrams for groundwater gradients. The rose diagram shall be plotted on groundwater contour maps and updated in all future reports submitted for your site. Include an analysis of vertical hydraulic gradients. Note that these likely change due to seasonal precipitation and pumping.

f) Temporal changes in the plume location and concentrations are also a key element of the SCM. In addition to providing a measure of the magnitude of the problem, these data are often useful to confirm details of the flow system inferred from the hydraulic head measurements. Include plots of the contaminant plumes on your maps, cross-sections, and diagrams.

g) Several other contaminant release sites exist in the vicinity of your site. Hydrogeologic and contaminant data from those sites may prove helpful in testing certain hypotheses for your SCM. Include a summary of work and technical findings from nearby release sites and incorporate the findings from nearby site investigations into your SCM.

h) Plots of chemical concentrations vs. time and vs. distance from the source. Plots should be shown for each monitoring well, which has had detectable levels of contaminants

i) Summary tables of chemical concentrations in each historically sampled media (including soil, groundwater and soil vapor).

j) Boring and well logs (including construction/screening), and a summary table indicating construction specifications for each monitoring and extraction well.

Please report the information discussed above in your initial SCM and include it in the SCM Report requested below.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Mr. Steven Plunkett), according to the following schedule:

- **February 15, 2007** – Updated preferential Pathway Study with Site Conceptual Model
- **March 30, 2007** – Soil and Groundwater Investigation Report

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

ELECTRONIC SUBMITTAL OF REPORTS

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program ftp site are provided on the attached "Electronic Report Upload (ftp) Instructions." Please do not submit reports as attachments to electronic mail. Submission of reports to the Alameda County ftp site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format).

Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

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

UNDERGROUND STORAGE TANK CLEANUP FUND

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

AGENCY OVERSIGHT

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

If you have any questions, please call me at (510) 383-1767.

Sincerely,

Steven Plunkett
Hazardous Materials Specialist

cc: Ms. Paula Sime
Environmental Resolutions Inc.
601 North McDowell Boulevard
Petaluma, CA 94954

Donna Drogos, ACEH
Steven Plunkett, ACEH
File

Paula M. Sime

From: Janice A. Jacobson
Sent: Wednesday, March 21, 2007 2:24 PM
To: Paula M. Sime
Subject: FW: Fuel Leak Case No. RO390 (7-0238)

From: Plunkett, Steven, Env. Health [mailto:steven.plunkett@acgov.org]
Sent: Wednesday, January 24, 2007 10:17 AM
To: Janice A. Jacobson
Subject: RE: Fuel Leak Case No. RO390 (7-0238)

Janice,

Regarding RO 390:

I will allow an extension for both the SCM and the Work Plan submission. However, a 30 day extension for the SCM should be adequate to prepare necessary documents. The time extension will place the date for submission of the SCM at March 15, 2006. In addition, I will provide an additional 30 day extension for the submission of a Work Plan, with the require submission on April 15, 2007

Regarding the site RO358:

The SCM is to be submitted after the completion of the offsite investigation, which has yet to be determined. If there are delays for the offsite investigation and access ACEH will grant an extension to May 1, 2007. However, if the offsite investigation moves forward without delay ACEH will require the SWI and SCM to be submitted by April 15, 2007.

ACEH understand the difficulties associated with offsite investigations and access issues. Should problems arise we will reconsider the reporting deadlines.

Best Regards,
Steven Plunkett
Hazardous Materials Specialist
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
510-383-1767
510-337-9355 Fax
steven.plunkett@acgov.org

From: Janice A. Jacobson [mailto:jjacobson@ERI-US.com]
Sent: Tuesday, January 23, 2007 4:05 PM
To: Plunkett, Steven, Env. Health
Cc: Jim F. Chappell; jennifer.c.sedlachek@exxonmobil.com
Subject: Fuel Leak Case No. RO390 (7-0238)

Former Exxon 7-0238
2200 East 12th Street

Oakland, CA

Steven:
Jim Chappell and I spoke to you today regarding your request, in a letter dated January 17, 2007, for a SCM report submittal by February 15, 2006, and a
Work Plan submittal by February 30, 2006. You indicated in our conversation that you would be willing to grant an extension to the SCM and the Work
Plan submittal. ERI is requesting an extension of April 15, 2007 for the SCM and an extension of May 15, 2007 for the Work Plan. Please respond to this
email so I have your approval for the extensions in writing.
Please call me if you have any questions.
Thank you,
Janice

Janice A. Jacobson
Project Manager
jjacobson@eri-us.com

phone: 707.766.2018
fax: 707.789.0414
cell: 707.975.0931

Environmental Resolutions, Inc.
601 North McDowell Boulevard
Petaluma, California 94954
www.eri-us.com

ATTACHMENT B

UNIFIED SOIL CLASSIFICATION SYSTEM, SYMBOL KEY, AND BORING LOGS

ENVIRONMENTAL RESOLUTIONS, INC.

BORING LOG B5

(Page 1 of 1)

Project No.:	: Former Exxon Service Station 7-0235
Site:	: 2225 Telegraph Ave., Oakland, California
Logged By:	: Heidi L. Dieffenbach-Carle, P.G. #6793
Reviewed By:	: Heidi L. Dieffenbach-Carle, P.G. #6793
Signature:	: Heidi Dieffenbach Carle

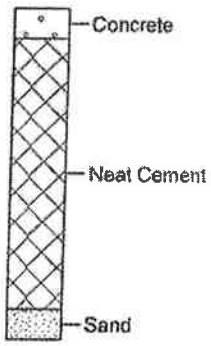
Date Drilled:	: 03/01/2007
Drilling Co.:	: Woodward Drilling Co.
Drilling Method:	: Hand Auger
Sampling Method:	: Hand Auger
Borehole Diameter:	: 4"
Casing Diameter:	: N/A
Location N-S	: 2122807.2
Location E-W	: 6050644.4
Total Depth:	: 5.5' bgs
First GW Depth:	:

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

Water Levels

Boring: B5

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0						Asphalt
						Concrete
					GC	CLAYEY GRAVEL WITH SAND: fine- to coarse-grained, brown, damp, poorly graded (FILL).
5						
10						
15						
20						



Cleared with air/water knife and hand auger to 5.5'
Metal pipe encountered in borehole.
Borehole terminated.
Sand was used to fill the pipe backfill removed during hand auger activities.
Groundwater was not encountered.

04-09-2007 J:\2229\BORING LOGS\B5.bor

ENVIRONMENTAL RESOLUTIONS, INC.

BORING LOG B7

(Page 1 of 2)

Project No.:	: Former Exxon Service Station 7-0235
Site:	: 2225 Telegraph Ave., Oakland, California
Logged By:	: Vince Battaglia
Reviewed By:	: Heidi L. Dieffenbach-Carle, P.G. #6793
Signature:	: Heidi Dieffenbach-Carle

Date Drilled:	: 03/05/2007
Drilling Co.:	: Woodward Drilling
Drilling Method:	: Direct Push
Sampling Method:	: Continuous Core
Borehole Diameter:	: 2"
Casing Diameter:	: N/A
Location N-S	: 2122728.8
Location E-W	: 6050676.1
Total Depth:	: 26' bgs
First GW Depth:	: 13' bgs

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

Water Levels

Boring: B7

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0						Concrete Cleared with air/water knife and hand auger to 8'
					SP	SAND: fine to medium grained, dark brown, damp, poorly graded, with gravel (15%).
					SM	SILTY SAND: fine grained, dark brown, damp, rounded, poorly graded.
					CL	SILTY CLAY WITH SAND: light brown, damp, medium plasticity, with fine grained poorly graded sand (15%).
					ML	CLAYEY SILT WITH SAND: yellowish brown, damp, medium plasticity, with fine grained poorly graded sand (30%) and trace carbonate deposits.
5		0.0			ML	SANDY SILT WITH CLAY: yellowish brown, damp, low plasticity, with fine grained rounded poorly graded sand (30%) and trace carbonate deposits.
		0.0			CL	SILTY CLAY WITH SAND: dark brown, damp, hard, medium plasticity, with fine grained poorly graded sand (20%). @ 7.0' sand increases to (30%) with trace Fe oxide nodules. @ 8.0' sand decreases to (20%) with trace Mn and Fe oxide deposits.
10		0.0			CL	SILTY CLAY: light brown, high plasticity, moist.
					SP	SAND: fine to medium grained, reddish brown, wet.
					CL	SILTY CLAY: grayish light brown, high plasticity, moist, with Fe oxide nodules.
					SP	SAND: fine to medium grained (70 - 80%), dark brown, wet, poorly graded. @ 15.0' color change to reddish brown, moist to wet, with Fe oxide nodules.
15		0.0			CL	SILTY CLAY: light brown, moist, hard, high plasticity, with Fe oxide nodules.
					CL	SANDY CLAY: light brown, moist, fine-grained poorly graded sand (40%).
20		0.0				

Concrete

Neat Cement

04-09-2007 J:\2229\BORING LOGS\B7.bor

ENVIRONMENTAL RESOLUTIONS, INC.

BORING LOG B7

(Page 2 of 2)

Project No.:	: Former Exxon Service Station 7-0235
Site:	: 2225 Telegraph Ave., Oakland, California
Logged By:	: Vince Battaglia
Reviewed By:	: Heidi L. Dieffenbach-Carle, P.G. #6703
Signature:	: Heidi Dieffenbach-Carle

Date Drilled:	: 03/05/2007
Drilling Co.:	: Woodward Drilling
Drilling Method:	: Direct Push
Sampling Method:	: Continuous Core
Borehole Diameter:	: 2"
Casing Diameter:	: N/A
Location N-S	: 2122728.8
Location E-W	: 6050676.1
Total Depth:	: 26' bgs
First GW Depth:	: 13' bgs

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

Water Levels

Boring: B7

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
20					CL	GRAVELLY CLAY WITH SAND: light brown, damp, high plasticity, with fine-grained poorly graded sand (15%) and Fe oxide nodules.
					SP	SAND: fine to coarse grained (75%), brown, wet, moderately graded, with Fe oxide nodules.
					CL	SANDY CLAY: light brown, moderate plasticity, hard, trace Fe oxide nodules, fine to medium grained sand (40%).
					SP	SAND: fine to coarse grained (90%), brown, very moist, poorly to moderately graded.
25					CL	SANDY CLAY: light brown, moderate plasticity, moist, fine grained rounded sand (15%), trace Fe oxide nodules.
30						
35						
40						

Neat Cement

Total Depth @ 26.0' bgs 03/05/2007
Groundwater was encountered at 14.8 and 21.0 fbgs.

04-09-2007 J:\2229\BORING LOGS\B7.bor

ENVIRONMENTAL RESOLUTIONS, INC.

BORING LOG B8

(Page 1 of 1)

Project No.:	: Former Exxon Service Station 7-0235
Site:	: 2225 Telegraph Ave., Oakland, California
Logged By:	: Heidi L. Dieffenbach-Carle, P.G. #6793/ Janice Jacobson
Reviewed By:	: Heidi L. Dieffenbach-Carle, P.G. #6793
Signature:	: Heidi Dieffenbach Carle

Date Drilled:	: 03/01/2007, 03/02/2007
Drilling Co.:	: Woodward Drilling
Drilling Method:	: Hand Auger
Sampling Method:	: Hand Auger
Borehole Diameter:	: 4"
Casing Diameter:	: N/A
Location N-S	: 2122775.4
Location E-W	: 6050637.5
Total Depth:	: 14' bgs
First GW Depth:	: 12.5' bgs

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

Water Levels

Boring: B8

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0						Asphalt and concrete
						Cleared with air/water knife and hand auger to 6'
		0.0			CL	SILTY CLAY WITH SAND: yellowish brown with orange mottling and rust staining, with fine to medium grained sand.
5		0.0			ML	CLAYEY SILT WITH SAND: yellowish brown with and rust staining, damp, with fine grained sand.
10		0.0			CL	SILTY CLAY WITH SAND: light olive brown and iron oxide staining, damp, with fine grained sand.
					CL	SILTY CLAY: light brown with dark gray mottling, damp, low plasticity, hard.
					CL	SILTY SANDY CLAY: light brown with yellowish orange mottling and dark gray inclusion, damp, with fine to medium grained sand (~35%).
					SC	SANDY CLAY: light brown with yellowish orange mottling, moist, low plasticity, with fine to medium grained sand (~45%).
					SM	CLAYEY SILTY SAND: fine to medium grained (60%), light brown,moist to wet, low plasticity.
						SILTY SAND: fine to medium grained (75%), brown, saturated.
15						Total Depth @ 14.0' bgs 03/02/07 Groundwater was encountered at 12.5 Temporary casing set in boring to 14.0 '
20						

Concrete

Neat Cement

04-09-2007 J:\2229\BORING LOGS\B8.bor

ENVIRONMENTAL RESOLUTIONS, INC.

BORING LOG B9

(Page 1 of 2)

Project No.:	: Former Exxon Service Station 7-0235
Site:	: 2225 Telegraph Ave., Oakland, California
Logged By:	: Janice A Jacobson / Vince Battaglia
Reviewed By:	: Heidi L. Dieffenbach-Carle, P.G. #6793
Signature:	: Heidi Dieffenbach-Carle

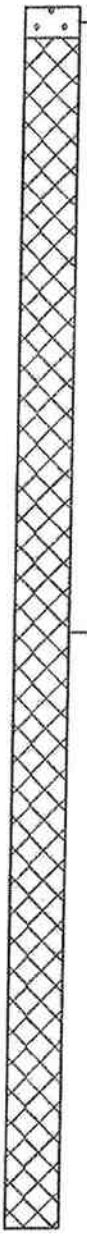
Date Drilled:	: 03/02/2007
Drilling Co.:	: Woodward Drilling
Drilling Method:	: Direct Push
Sampling Method:	: Continuous Core
Borehole Diameter:	: 2"
Casing Diameter:	: N/A
Location N-S	: 2122840.6
Location E-W	: 6050606.6
Total Depth:	: 30' bgs
First GW Depth:	: 14.1' bgs

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

Water Levels

Boring: B9

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0						Concrete
					CL	SILTY CLAY: dark gray with greenish gray and yellowish orange mottling, damp, medium plasticity.
					ML	CLAYEY SANDY SILT: light brown with yellowish orange and greenish gray mottling, damp, low plasticity with fine grained sand (~30%).
						@4' damp
5		0.0			SM	SILTY SAND WITH CLAY: fine to medium grained (65%), olive gray with greenish gray mottling, damp.
		0.0			CL	SILTY CLAY WITH SAND: light brown with greenish gray mottling, damp, sand fine to medium grained.
					ML	CLAYEY SILT: greenish gray, damp, low plasticity.
10		30.7			CL	SILTY CLAY: light brown with greenish gray mottling, damp, low plasticity, hard.
		347			ML	SANDY CLAYEY SILT: light brown with greenish gray mottling, damp, low plasticity, fine to medium grained sand (~20%).
					CL	SANDY CLAY: olive gray, damp, medium plasticity, fine to medium grained sand.
		294			SP	SAND: fine to medium grained, olive gray, damp, poorly graded.
						@14' trace Fe oxide nodules.
15		<1,000				@15' moist to wet.
						@16' wet.
		0.0			CL	SILTY CLAY: olive gray, moist, medium plasticity, hard, trace Fe oxide nodules.
20		0.0				



04-23-2007 J:\2229\BORING LOGS\B9.bor

ENVIRONMENTAL RESOLUTIONS, INC.

BORING LOG B9

(Page 2 of 2)

Project No.:	: Former Exxon Service Station 7-0235
Site:	: 2225 Telegraph Ave., Oakland, California
Logged By:	: Janice A Jacobson / Vince Battaglia
Reviewed By:	: Heidi L. Dieffenbach-Carle, P.G. #6793
Signature:	: Heidi Dieffenbach Carle

Date Drilled:	: 03/02/2007
Drilling Co.:	: Woodward Drilling
Drilling Method:	: Direct Push
Sampling Method:	: Continuous Core
Borehole Diameter:	: 2"
Casing Diameter:	: N/A
Location N-S	: 2122840.6
Location E-W	: 6050606.6
Total Depth:	: 30' bgs
First GW Depth:	: 14.1' bgs

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

Water Levels

Boring: B9

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
20					CL	SILTY CLAY: olive gray, moist, medium plasticity, hard, trace Fe oxide nodules.
					ML	SANDY SILT WITH CLAY: light grayish brown, fine grained sand (20%).
		0.0			CL	SILTY CLAY WITH SAND: grayish brown, moist medium plasticity, fine grained sand (10%). @24' sand increases to 30%.
25		0.0				
					CL	SILTY CLAY: light brown, damp, medium plasticity, hard, trace Fe oxide nodules. @29' trace Mn oxide nodules.
30		0.0				
35						
40						

Neat Cement

Cleared with air/water knife and hand auger to 11.5'
Total Depth @ 30.0' bgs 03/06/2007
Groundwater was sampled at 14.1' and 22.6'.

04-23-2007 J:\2225\BORING LOGS\B9.bor

ENVIRONMENTAL RESOLUTIONS, INC.

BORING LOG B6

(Page 1 of 1)

Project No.:	: Former Exxon Service Station 7-0235
Site:	: 2225 Telegraph Ave., Oakland, California
Logged By:	: Heidi L. Dieffenbach-Carle, P.G. #6793
Reviewed By:	: Heidi L. Dieffenbach-Carle, P.G. #6793
Signature:	: Heidi Dieffenbach Carle

Date Drilled:	: 03/06/2007
Drilling Co.:	: Woodward Drilling Co.
Drilling Method:	: Hand Auger
Sampling Method:	: Hand Auger
Borehole Diameter:	: 4"
Casing Diameter:	: N/A
Location N-S	: 2122752.9
Location E-W	: 6050632.6
Total Depth:	: 3.5' bgs
First GW Depth:	:

Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels

Boring: B6

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0						Asphalt
					GW	SANDY GRAVEL, fine- to coarse-grained sand, brown, well graded (FILL).

Concrete
Neat Cement
Sand

Cleared with air/water knife and hand auger to 3.5'
Clay pipe encountered in borehole.
Borehole terminated.
Sand was used to fill the pipe backfill removed during hand auger activities.
Groundwater was not encountered.

5
10
15
20

04-09-2007 J:\2228\BORING LOGS\B6.bor

MAJOR DIVISIONS					TYPICAL NAMES
COARSE–GRAINED SOILS MORE THAN HALF IS COARSER THAN NO. 200 SIEVE	GRAVELS MORE THAN HALF COARSE FRACTION IS LARGER THAN No. 4 SIEVE SIZE	CLEAN GRAVELS WITH LITTLE OR NO FINES	GW		WELL GRADED GRAVELS WITH OR WITHOUT SAND, LITTLE OR NO FINES
			GP		POORLY GRADED GRAVELS WITH OR WITHOUT SAND, LITTLE OR NO FINES
		GRAVELS WITH OVER 12% FINES	GM		SILTY GRAVELS, SILTY GRAVELS WITH SAND
			GC		CLAYEY GRAVELS, CLAYEY GRAVELS WITH SAND
	SANDS MORE THAN HALF COARSE FRACTION IS SMALLER THAN NO. 4 SIEVE SIZE	CLEAN SANDS WITH LITTLE OR NO FINES	SW		WELL GRADED SANDS WITH OR WITHOUT GRAVEL, LITTLE OR NO FINES
			SP		POORLY GRADED SANDS WITH OR WITHOUT GRAVEL, LITTLE OR NO FINES
		SANDS WITH OVER 12% FINES	SM		SILTY SANDS WITH OR WITHOUT GRAVEL
			SC		CLAYEY SANDS WITH OR WITHOUT GRAVEL
FINE–GRAINED SOILS MORE THAN HALF IS FINER THAN NO. 200 SIEVE	SILTS AND CLAYS LIQUID LIMIT 50% OR LESS		ML		INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTS WITH SANDS AND GRAVELS
			CL		INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, CLAYS WITH SANDS AND GRAVELS, LEAN CLAYS
			OL		ORGANIC SILTS OR CLAYS OF LOW PLASTICITY
	SILTS AND CLAYS LIQUID LIMIT GREATER THAN 50%		MH		INORGANIC SILTS, MICACEOUS OR DIATOMACIOUS, FINE SANDY OR SILTY SOILS, ELASTIC SILTS
			CH		INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
			OH		ORGANIC SILTS OR CLAYS OF MEDIUM TO HIGH PLASTICITY
HIGHLY ORGANIC SOILS			Pt		PEAT AND OTHER HIGHLY ORGANIC SOILS

UNIFIED SOIL CLASSIFICATION – ASTM D2487-85

Perm	—	Permeability
Consol	—	Consolidation
LL	—	Liquid Limit (%)
PI	—	Plastic Index (%)
G_s	—	Specific Gravity
MA	—	Particle Size Analysis
■	—	"Undisturbed" Sample
⊠	—	Bulk or Classification Sample

	Shear Strength (psf)	Confining Pressure		
TxUU (FM)	3200 or (S)	(2600)	—	Unconsolidated Undrained Triaxial Shear (field moisture or saturated)
TxCU (P)	3200	(2600)	—	Consolidated Undrained Triaxial Shear (with or without pore pressure measurement)
TxCD	3200	(2600)	—	Consolidated Drained Triaxial Shear
SSCU (P)	3200	(2600)	—	Simple Shear Consolidated Undrained (with or without pore pressure measurement)
SSCD	3200	(2600)	—	Simple Shear Consolidated Drained
DSCD	2700	(2000)	—	Consolidated Drained Direct Shear
UC	470		—	Unconfined Compression
LVS	700		—	Laboratory Vane Shear

KEY TO TEST DATA

Harding Lawson Associates
Engineers and Geoscientists

Soil Classification and Test Data Key
Former Texaco Service Station
2225 Telegraph Avenue
Oakland, California

PLATE **13**

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
	2251,080.03	AO	2/89		

1S/4W-26K2
01-405A

Equipment 8-inch Hollow Stem Auger

Elevation 99.4 feet*** Date 6/15/88

Laboratory Tests	** Blows/foot	PID * Reading (ppm)	Depth (ft)	Sample	
		1	0		asphaltic concrete pavement aggregate baserock GRAY SILTY CLAY WITH SAND (CH) stiff, moist
	21	1	5		GRAY SILTY SAND TRACE CLAY (SM) dense, moist
	14	<1	10		BROWN SILTY CLAY (CL) stif, moist
	20/5"	<1	15		BROWN SAND (SP) very dense, saturated
	11	<1	20		GRAYISH BROWN CLAYEY SAND (SC) medium dense, saturated BLUISH GRAY SILTY CLAY (CH) very stiff, moist
			25		bottom of boring 21.5 feet boring cleaned out to 20 feet stabilized water level at 13.5 feet on 7/11/88
			30		
			35		
			40		

*PID = photo ionization detector, HNU PI 101
ppm = parts per million

**S&H Sampler blow counts converted to SPT blow counts

***Reference Elevation (arbitrary datum)

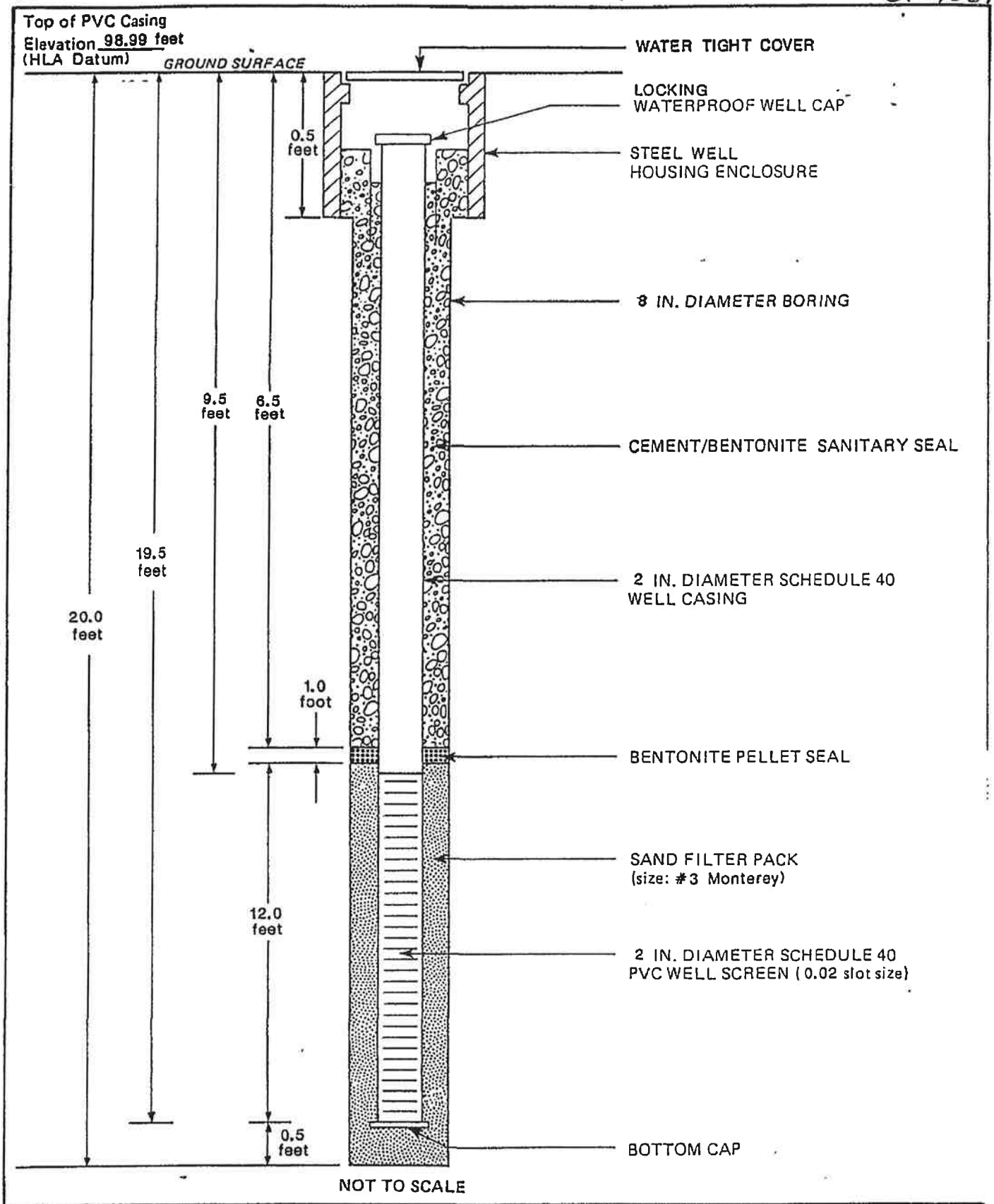
HLA
Harding Lawson Associates
Engineers, Geologists & Geophysicists

Log of Boring MW-6A
Texaco Station - 62488000195
2225 Telegraph Avenue
Oakland, California

PLATE 3

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
RS	2251,052.04	JO	7/88		

1S/4W - 22K 2 01-405A



Harding Lawson Associates
Engineers, Geologists
& Geophysicists

Monitoring Well MW-6A
Completion Detail
Texaco Station - 62488000195
2225 Telegraph Avenue
Oakland, California

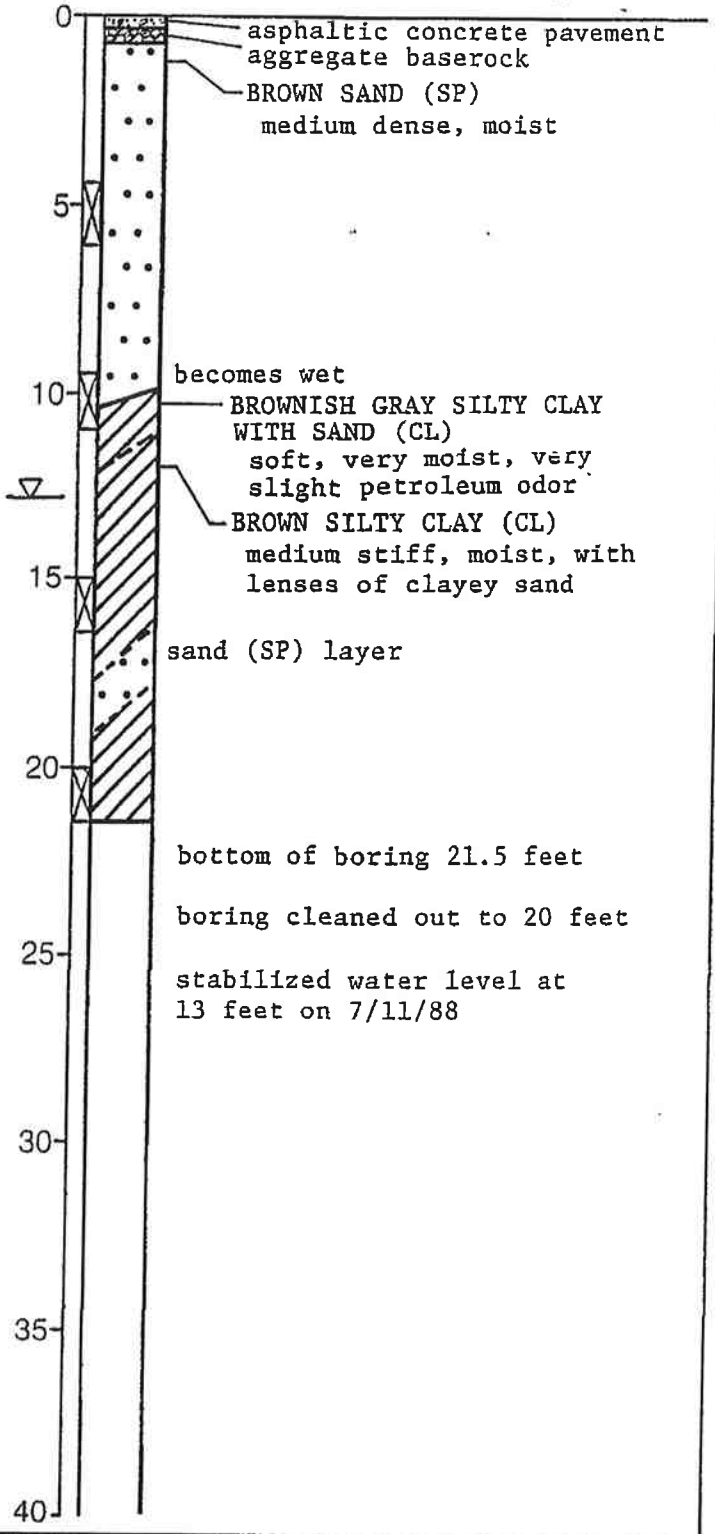
PLATE **8**

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
	2251,052.04	JO	7/88		

15/4W-26K3 01-405B

Equipment 8-inch Hollow Stem Auger

Elevation 99.2 feet*** Date 6/15/88



*PID = photo ionization detector, HNU PI 101
ppm = parts per million

**Reference Elevation (arbitrary datum)

Harding Lawson Associates
Engineers, Geologists & Geophysicists

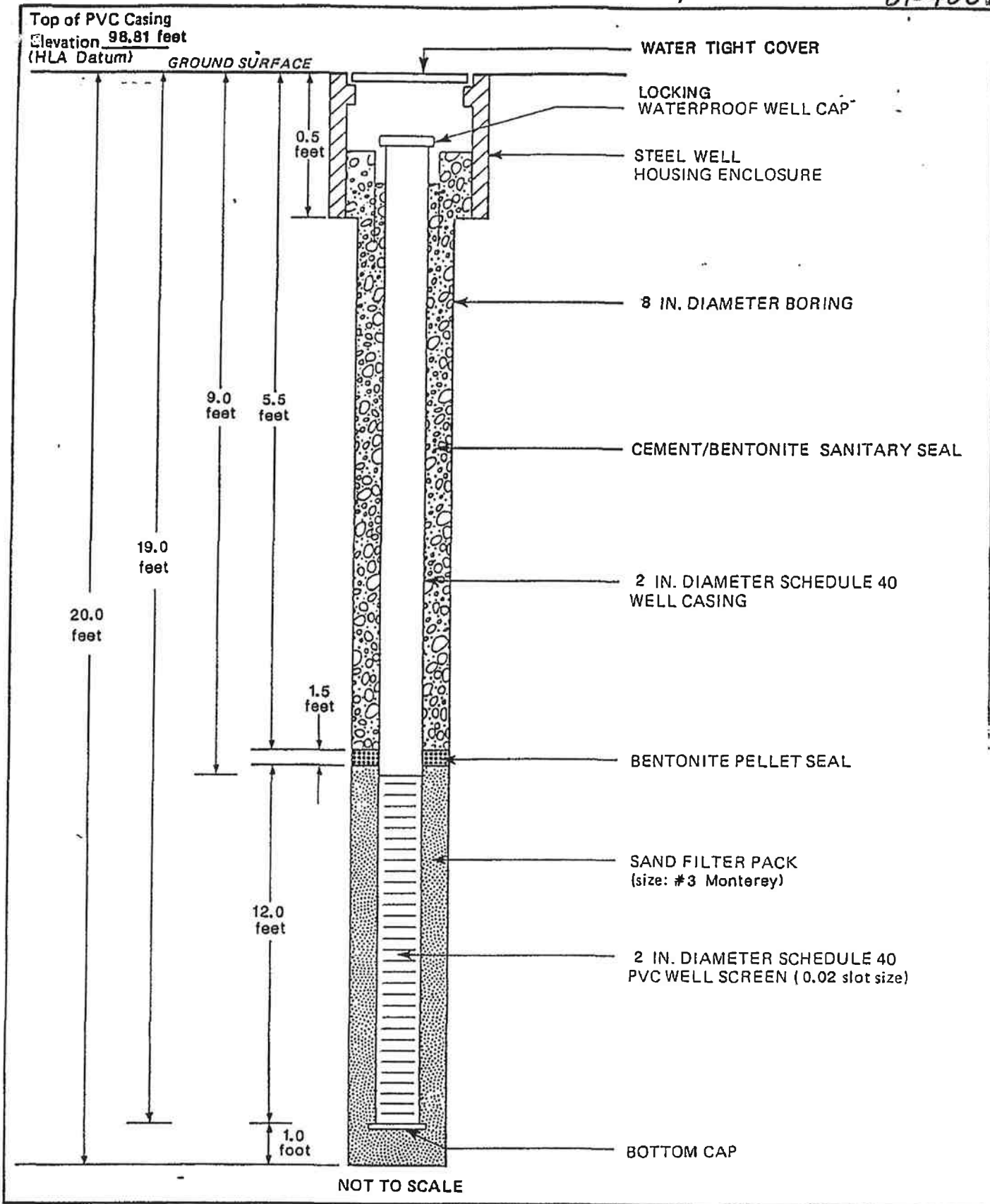
Log of Boring MW-6B

Texaco Station - 62488000195
2225 Telegraph Avenue
Oakland, California

PLATE 4

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
RS	2251,052.04	[illegible]	7/88		

15/4W26K3 01-4058



HLA **Harding Lawson Associates**
Engineers, Geologists
& Geophysicists

Monitoring Well MW-6B
Completion Detail
Texaco Station - 62488000195
2225 Telegraph Avenue
Oakland, California

PLATE **9**

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
	2251,052.04		7/88		

15/4W-26K4 01-405C

Equipment 8-inch Hollow Stem Auger

Elevation 100.2 feet*** Date 6/15/88

Laboratory Tests	Blows/foot	PID * Reading (ppm)	Depth (ft)	Sample
		2	0	
		<1		
	35	1	5	
	28	25	10	
	48	60	15	
	30	10	20	
			25	
			30	
			35	
			40	

asphaltic concrete pavement
aggregate baserock
GRAYISH BROWN SILTY CLAY WITH SAND (CL)
very moist, with slight petroleum odor
stained gray between 2 and 2-1/2 feet, with petroleum odor
becomes brown
GRAY MOTTLED BROWN SANDY CLAY (CL)
very stiff, moist, very slight petroleum odor
BROWN SILTY CLAY TRACE SAND (CL)
very stiff, moist, very slight petroleum odor
GRAY CLAYEY SAND (SC)
dense,
GRAY SILTY SAND (SM)
dense, moist

GRAYISH BROWN SILTY CLAY (CL)
hard, moist

bottom of boring 21.5 feet

boring cleaned out to 20 feet

stabilized water level at 14.5 feet on 7/11/88

*PID = photo ionization detector, HNU PI 101
ppm = parts per million

**Reference Elevation (arbitrary datum)

HLA Harding Lawson Associates
Engineers, Geologists & Geophysicists

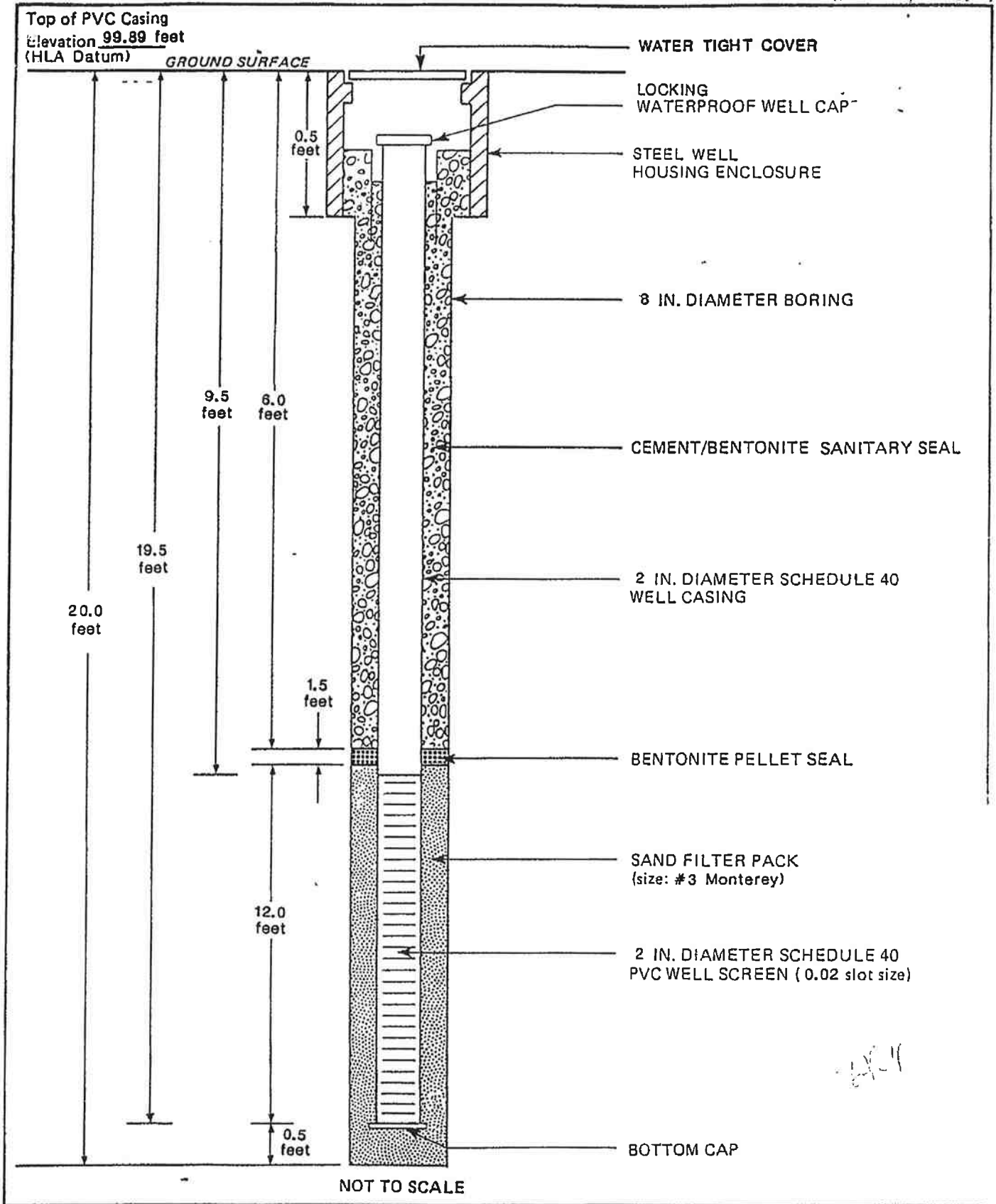
Log of Boring MW-6C

Texaco Station - 62488000195
2225 Telegraph Avenue
Oakland, California

PLATE 5

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
RS	2251,052.04		7/88		

15/4W-26K-4 01-405C

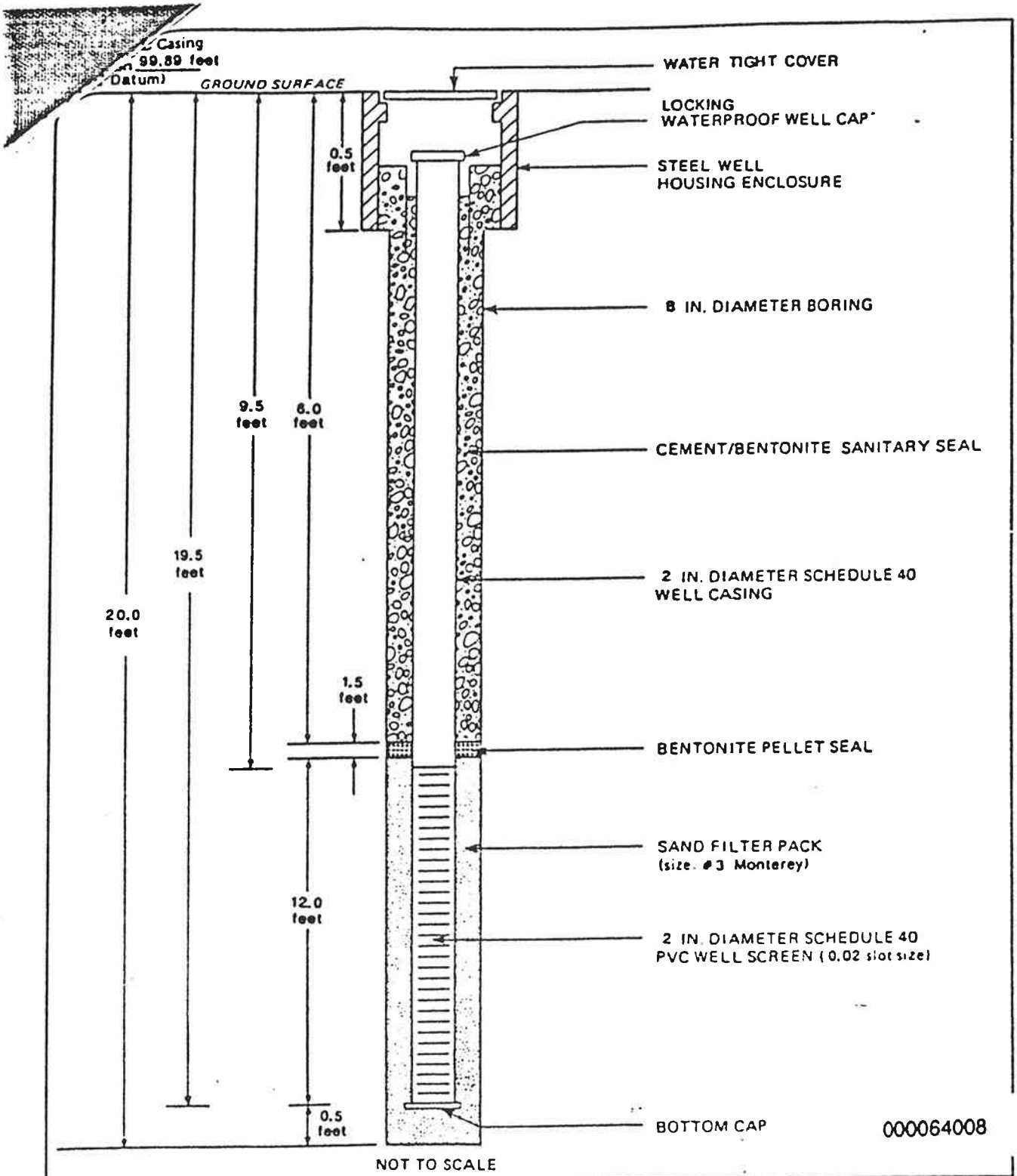


Harding Lawson Associates
Engineers, Geologists
& Geophysicists

Monitoring Well MW-6C
Completion Detail
Texaco Station - 62488000195
2225 Telegraph Avenue
Oakland, California

PLATE
10

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
	2251,052.04	40	7/88		



Harding Lawson Associates
Engineers Geologists
& Geophysicists

Monitoring Well MW-6C
Completion Detail
Texaco Station - 62488000195
2225 Telegraph Avenue
Oakland, California

PLATE
10

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
	2251.052.04	JO	7/88		

KS/400-26K5 01-405D

Equipment 6-inch Flight Auger

Elevation 99 feet** Date 7/6/88

Laboratory Tests	Blows/foot	PID * Reading (ppm)	Depth (ft)	Sample	
			0		asphaltic concrete pavement aggregate baserock YELLOW BROWN CLAY (CL) stiff, moist
	22	<1	5		LIGHT BROWN CLAY TRACE SAND (CL) very stiff, moist
	14	5	10		GRAYISH BROWN CLAY TRACE SAND (CL) very stiff, moist strong petroleum odors between 12.5 and 15.5 feet
					SAND (SP) dense, saturated
	--	70	15		GRAYISH BROWN SILTY CLAY (CL) WITH SAND very stiff, moist no petroleum odors
	12	3	20		bottom of boring 20 feet
			25		stabilized water level at 13.5 feet on 7/11/88
			30		
			35		
			40		

*PID = photo ionization detector, HNU PI 101

**Reference Elevation (arbitrary datum)

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Engineers, Geologists & Geophysicists

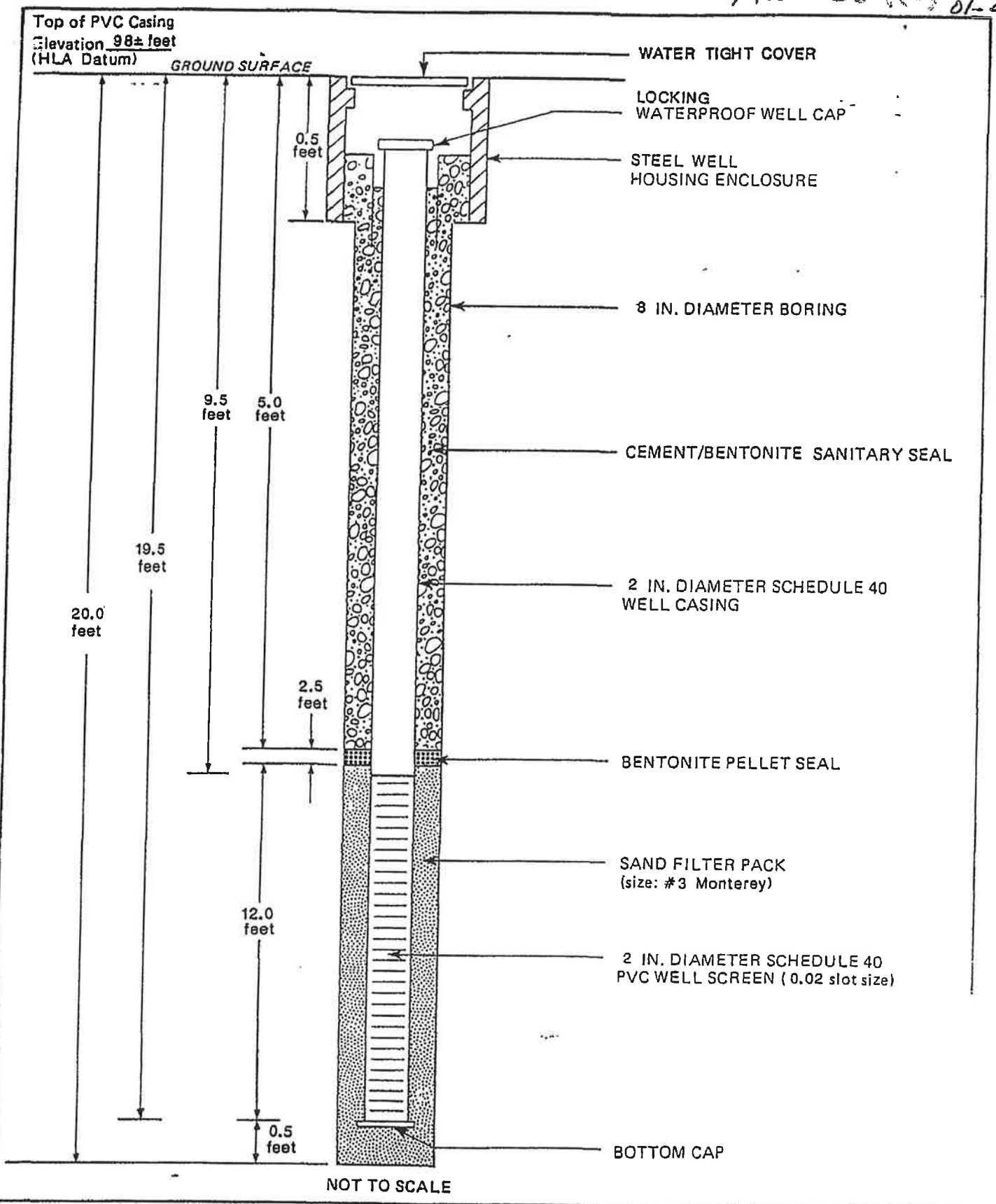
Log of Boring MW-6D

Texaco Station - 62488000195
2225 Telegraph Avenue
Oakland, California

PLATE 6

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
RS	2251,052.04		7/88		

1S/4W - 25-X-5 01-4



Harding Lawson Associates
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& Geophysicists

Monitoring Well MW-6D
Completion Detail
Texaco Station - 62488000195
2225 Telegraph Avenue
Oakland, California

PLATE
11

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
	2251,052.04	40	7/88		

01-420 G

15/40-26K6

Equipment 12" Hollow Stem Auger

Elevation **98.99' Date 10/04/88

Laboratory Tests	Blows/foot	GAS TECH (ppm)*	Depth (ft)	Sample	
			0		Asphalt
					Baserock up to 1-Inch Diameter
		ND			YELLOW BROWN LEAN CLAY WITH SAND (CL), Stiff, Moist; Very Fine Grained Sand
		ND			
	20	ND	5		Becomes Light Brown, Increase in Fine Sand Content
					Becomes Very Stiff
			10		Becomes Grayish Brown
					Greenish Staining
	34	75			▽ Water Level 10/04/88
			15		GREENISH GRAY WELL GRADED SAND (SW), Very Dense, Wet, Fine-Grained Sand
					LIGHT BROWN AND TAN SILT WITH CLAY (ML), Stiff, Saturated
			20		
	9	ND			Bottom of Boring at 21.5 feet
			25		
			30		
			35		
			40		

CHECK PRINT
date 1-2 drafter

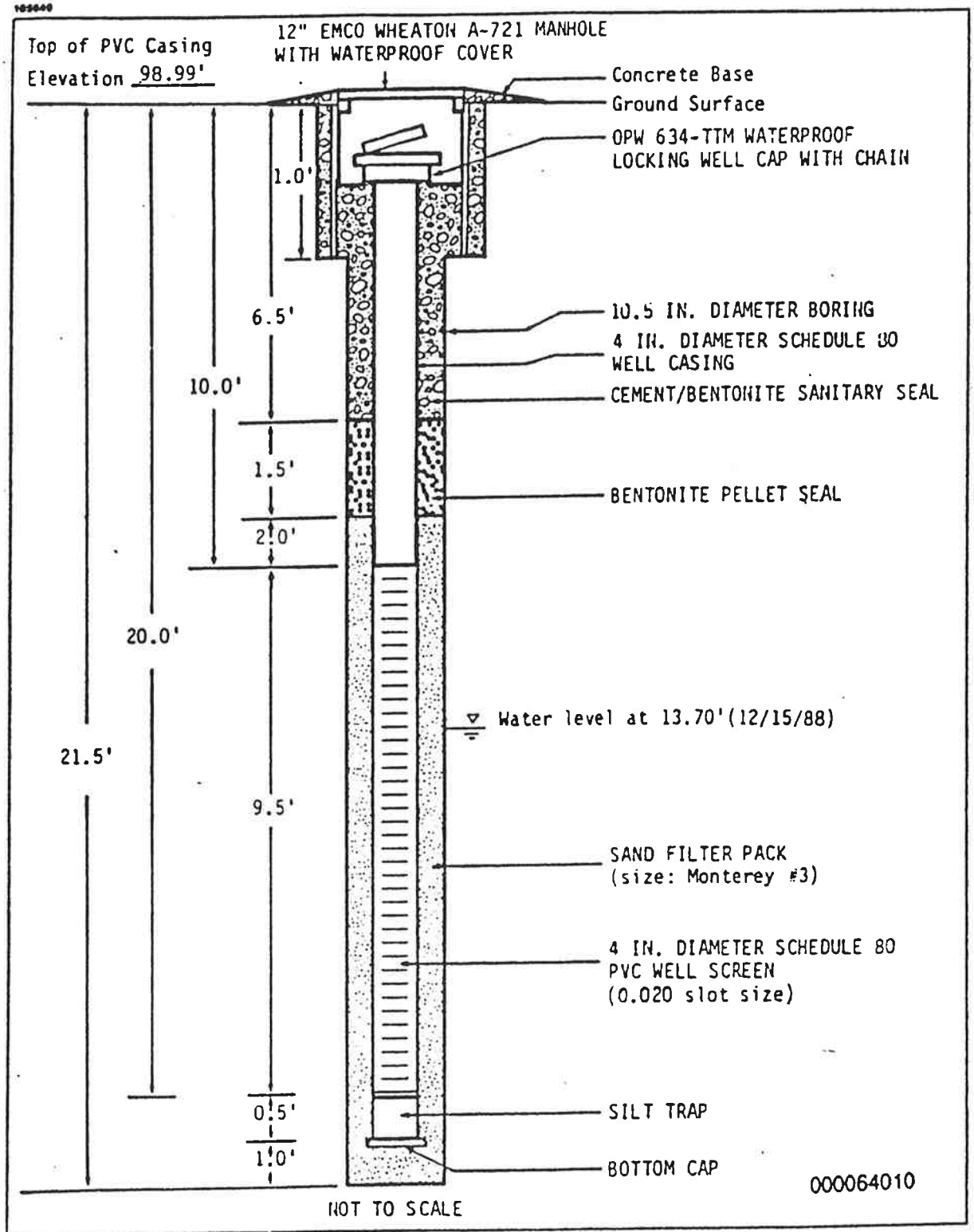
* Gas-Tech Model 1314, Calibrated to Hexane
ppm - Parts per Million
** Reference Elevation (Arbitrary Datum)
ND Non-Detectable

Harding Lawson Associates
Engineers and Geoscientists

Log of Boring MW-6E
2225 Telegraph Avenue
Oakland, California

PLATE 153

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
YC	2251,080.03		12/88		



Harding Lawson Associates
Engineers and Geoscientists

Well Construction Diagram MW-6E
Former Texaco Service Station
2225 Telegraph Avenue
Oakland, California

PLATE
14

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
YC	2251.080.03		12/88		

Equipment 10.5" Hollow Stem Auger

Elevation **99.91' Date 10/05/88

Laboratory Tests	Blows/foot	GAS TECH (ppm)*	Depth (ft)	Sample	
			0		Asphalt Baserock
					BROWN LEAN CLAY WITH SILT (CL), Stiff, Moist, Trace Very Fine Sand
	32	ND	5		Becomes Light Brown, Very Stiff
	25	ND	10		Absence of Very Fine Sand
					Abundant Fine Sand
	23	ND			▽ Water Level 10/5/88
			15		GRAY BROWN POORLY GRADED SAND WITH SILT (SP), Dense, Wet, Fine-Grained
					LIGHT BROWN LEAN CLAY WITH SAND (CL), Stiff, Wet, Fine Sand
	18	ND	20		Bottom of Boring at 22.0 feet
			25		
			30		
			35		
			40		

* Gas-Tech Model 1314, Calibrated to Hexane
ppm - Parts per Million
** Reference Elevation (Arbitrary Datum)
ND Non-Detectable

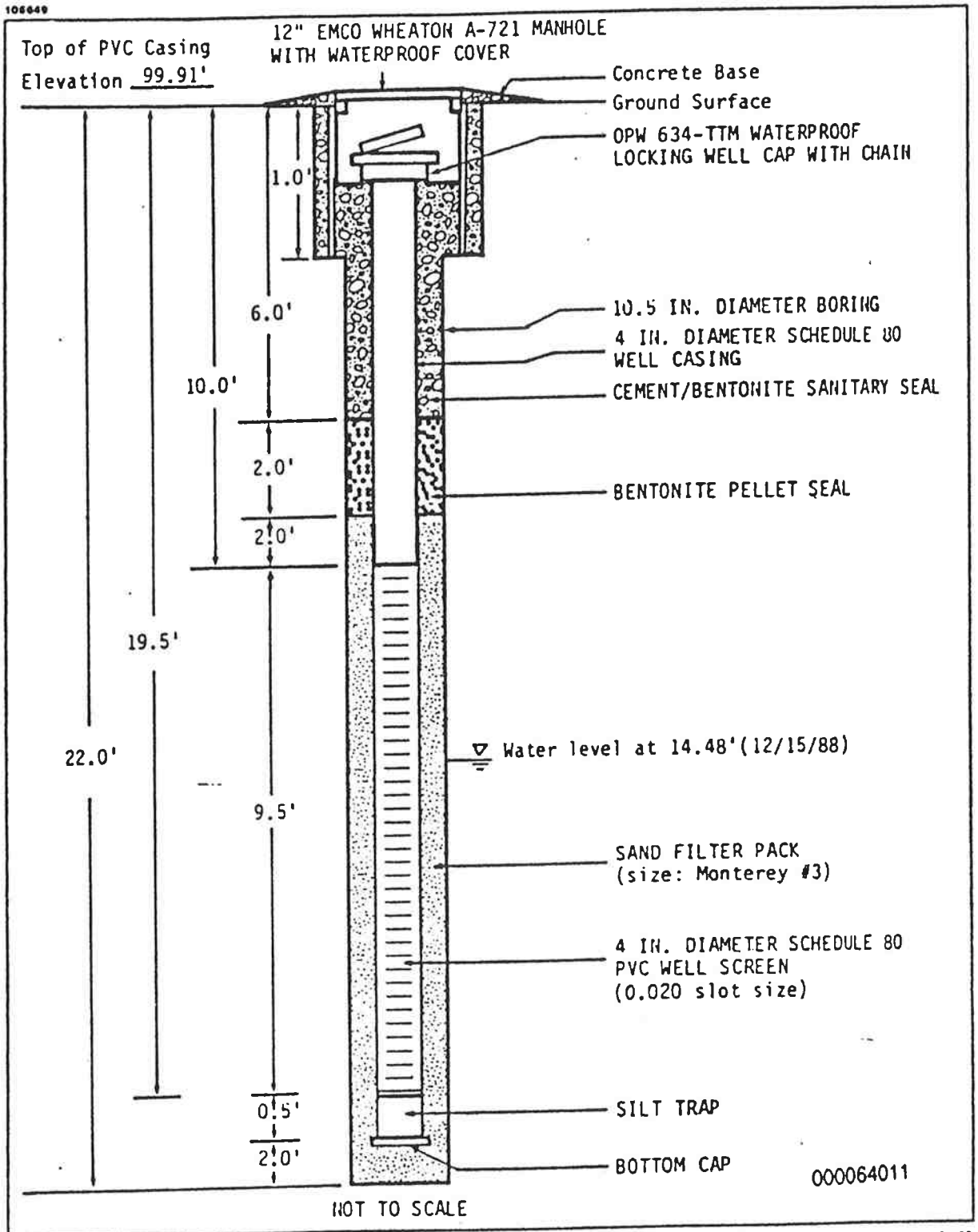
Harding Lawson Associates
Engineers and Geoscientists

Log of Boring MW-6F
Former Texaco Service Station
2225 Telegraph Avenue
Oakland, California

PLATE 9

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
YC	2251,080.03		12/88		

108649



Harding Lawson Associates
Engineers and Geoscientists

Well Construction Diagram MW-6F
Former Texaco Service Station
2225 Telegraph Avenue
Oakland, California

PLATE 15

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
YC	2251,080.03		12/88		

Equipment 8" Hollow Stem Auger

Elevation **99.16' Date 11/16/88

Laboratory Tests	Blows/foot	PID(ppm)*	Depth (ft)	Sample	
			0		Concrete Baserock
		ND			MOTTLED BROWN-BLUE LEAN CLAY WITH SILT AND SAND (CL), Stiff, Dry, Medium Grained
		5	5		
					Becomes Very Stiff
	12	1	10		
					GRAY BROWN POORLY SORTED SAND WITH SILT (SP), Dense, Wet, Medium Grained Sand
	38	ND	15		
					▽ Water Level 11/16/88
			20		Bottom of Boring at 20.0 feet
			25		
			30		
			35		
			40		

* Photovac TIP I with 10.6 Electron Volt Lamp

** Reference Elevation (Arbitrary Datum)

ppm - Parts per Million

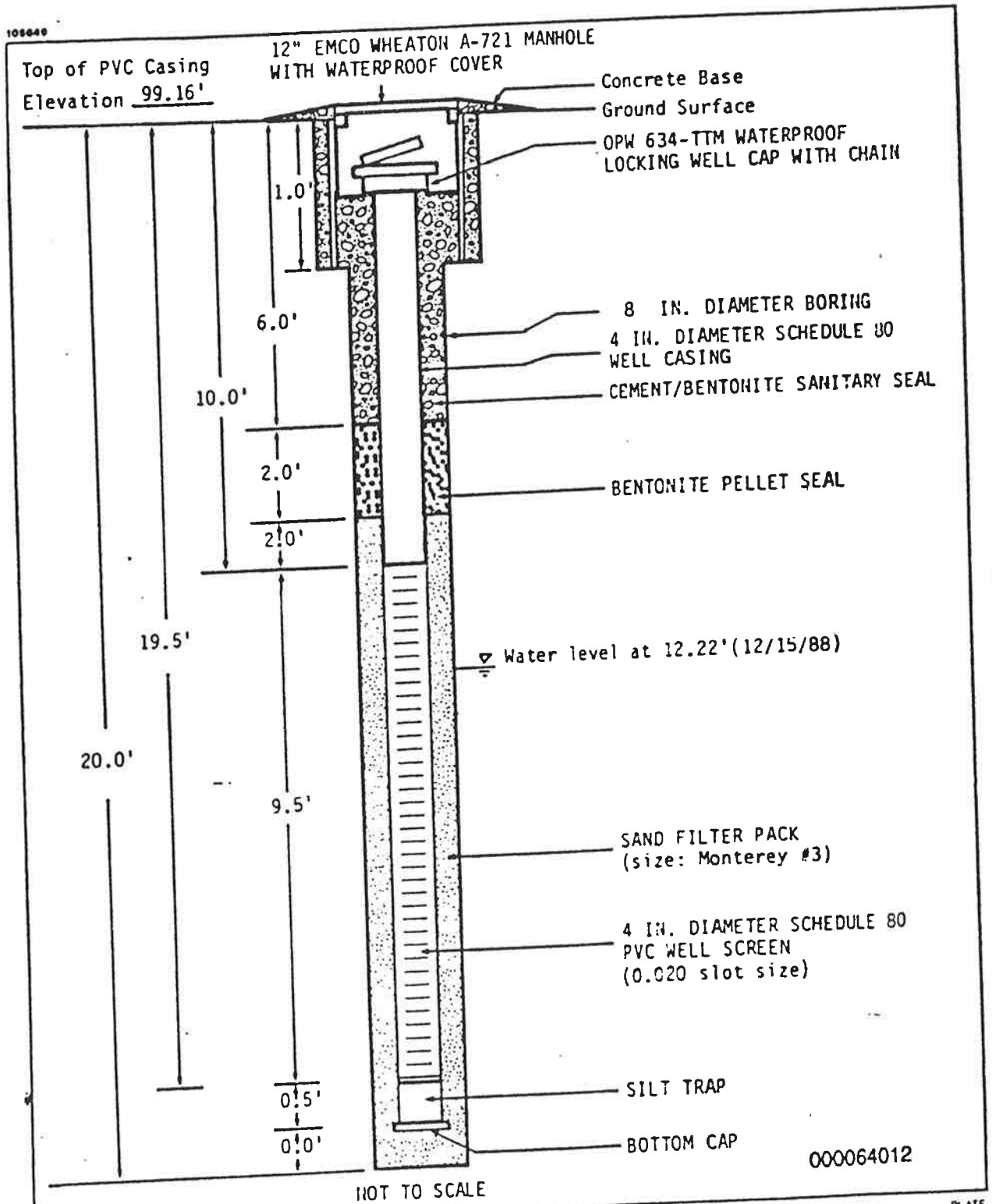
Harding Lawson Associates
Engineers and Geoscientists

Log of Boring MW-6G

Former Texaco Service Station
2225 Telegraph Avenue
Oakland, California

PLATE 10

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
YC	2251,080.03		12/88		



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Engineers and Geoscientists

Well Construction Diagram MW-6G
Former Texaco Service Station
2225 Telegraph Avenue
Oakland, California

PLATE **16**

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
YC	2251,080.03		12/88		

Equipment 8" Hollow Stem Auger

Elevation **97.93' Date 11/16/88

Laboratory Tests	Blows/foot	PID(ppm)*	Depth (ft)	Sample	
		ND	0		Concrete Baserock
					MOTTLED BROWN-BLUE LEAN CLAY WITH SILT (CL), Stiff, Dry
			5		Becomes Moist
	13	13			
			10		GREENISH POORLY GRADED SAND WITH CLAY (SP), Dense, Wet, Medium-Grained
	6	350			▽ Water Level 11/16/88
			15		
					BROWN FAT CLAY WITH SILT (CL), Stiff, Wet
			20		Bottom of Boring at 21.0 feet
			25		
			30		
			35		
			40		

* Photovac TIP I with 10.6 Electron Volt Lamp

** Reference Elevation (Arbitrary Datum)

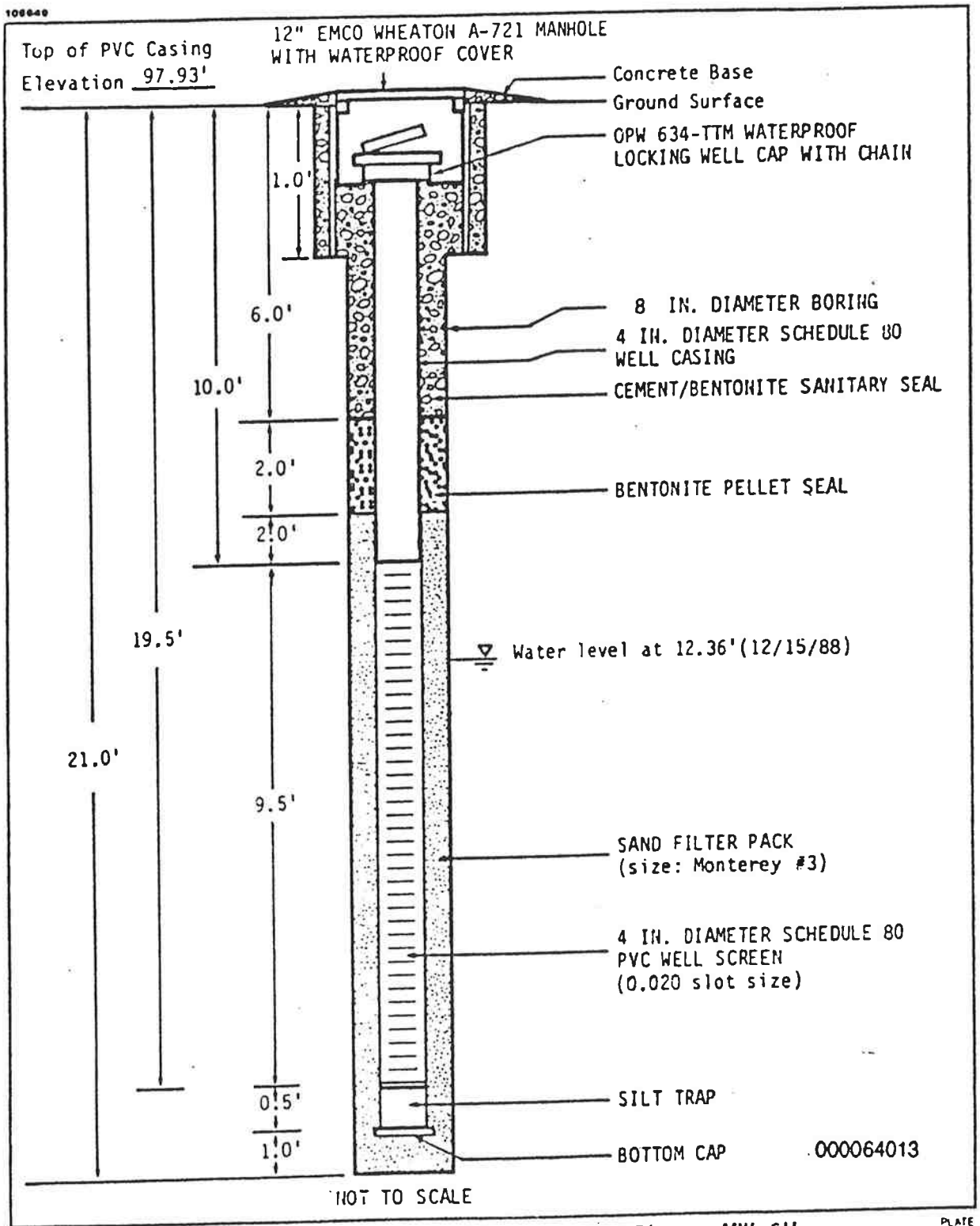
ppm - Parts per Million

Harding Lawson Associates
Engineers and Geoscientists

Log of Boring MW-6H
Former Texaco Service Station
2225 Telegraph Avenue
Oakland, California

PLATE 11

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
YC	2251,080.03		12/88		



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Engineers and Geoscientists

Well Construction Diagram MW-6H
Former Texaco Service Station
2225 Telegraph Avenue
Oakland, California

PLATE **17**

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
YC	2251,080.03		12/88		

Equipment 8" Hollow Stem Auger

Elevation **97.60' Date 11/17/88

Laboratory Tests	Blows/foot	PID(ppm)*	Depth (ft)	Sample	
			0		Concrete / Baserock
	Hand Driven	ND			BROWN LEAN CLAY WITH SILT AND SAND (CL), Hard, Coarse Sand
		ND			Absence of Sand
			5		
					Becomes Sandy
	19	ND			Becomes Mottled Brown
			10		Becomes Medium Stiff
	29	ND			BROWNISH-GREEN WELL SORTED SAND (SW), Very Dense, Moist, Medium Grained
			15		∇ Water Level 11/17/88
					Becomes Silty, Saturated
			20		Becomes Clayey
					Bottom of Boring at 21.0 feet
			25		
			30		
			35		
			40		

* Photovac TIP I with 10.6 Electron Volt Lamp

** Reference Elevation (Arbitrary Datum)

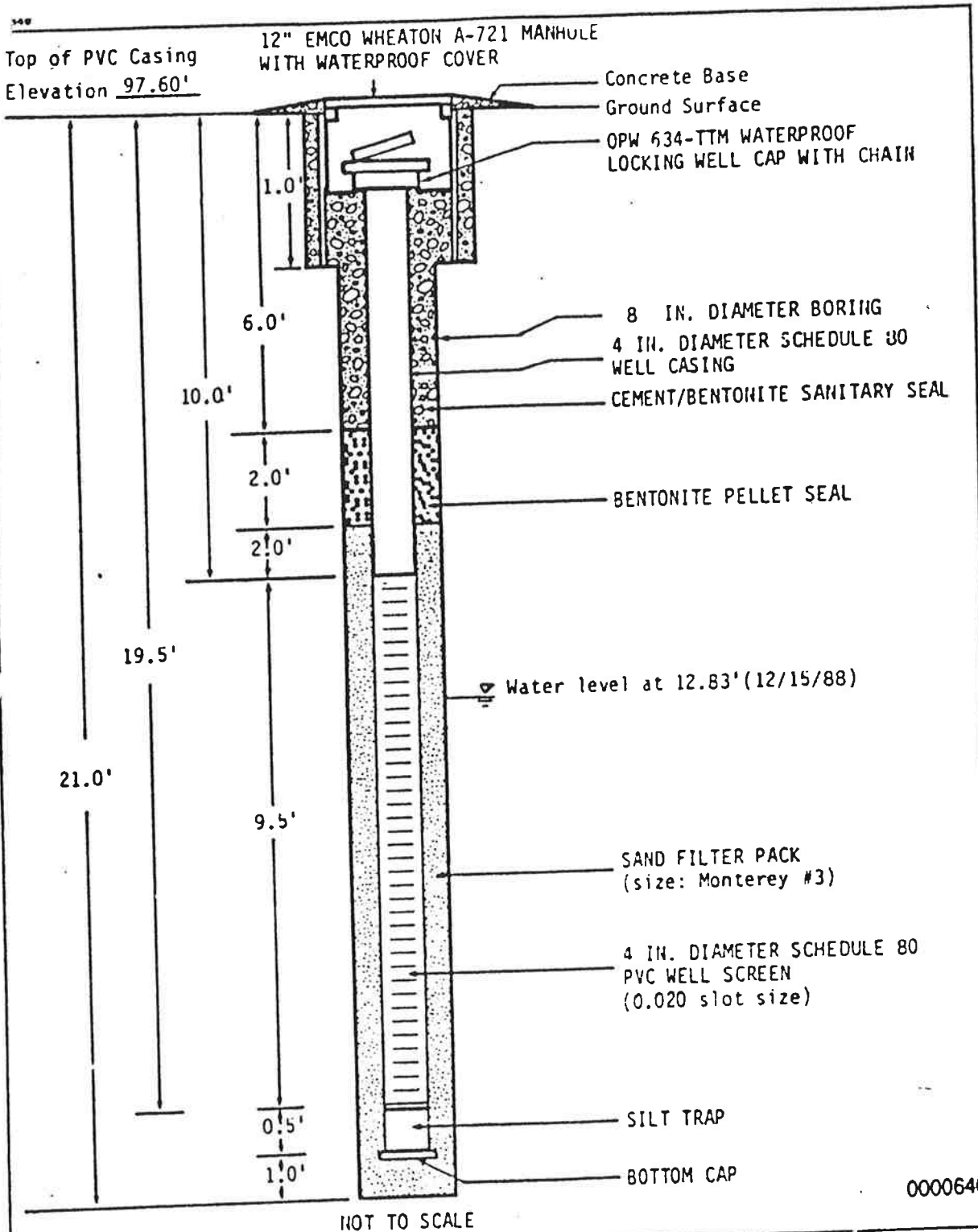
ppm - Parts per Million

Harding Lawson Associates
Engineers and Geoscientists

Log of Boring MW-6I
Former Texaco Service Station
2225 Telegraph Avenue
Oakland, California

PLATE 12

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
YC	2251,080.03		12/88		



000064014

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Engineers and Geoscientists

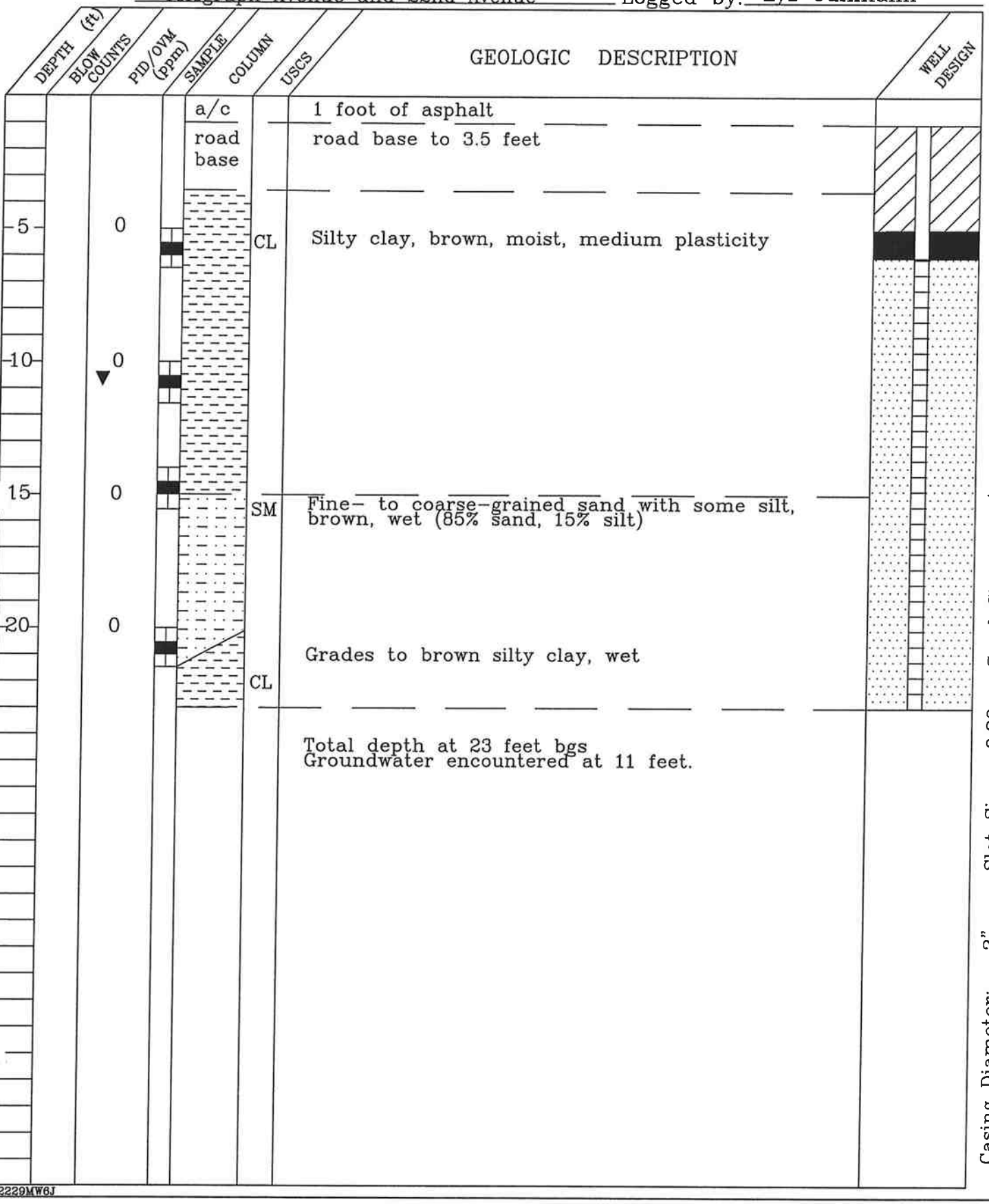
Well Construction Diagram MW-6I
Former Texaco Service Station
2225 Telegraph Avenue
Oakland, California

PLATE
18

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
	2251,080.03		12/88		

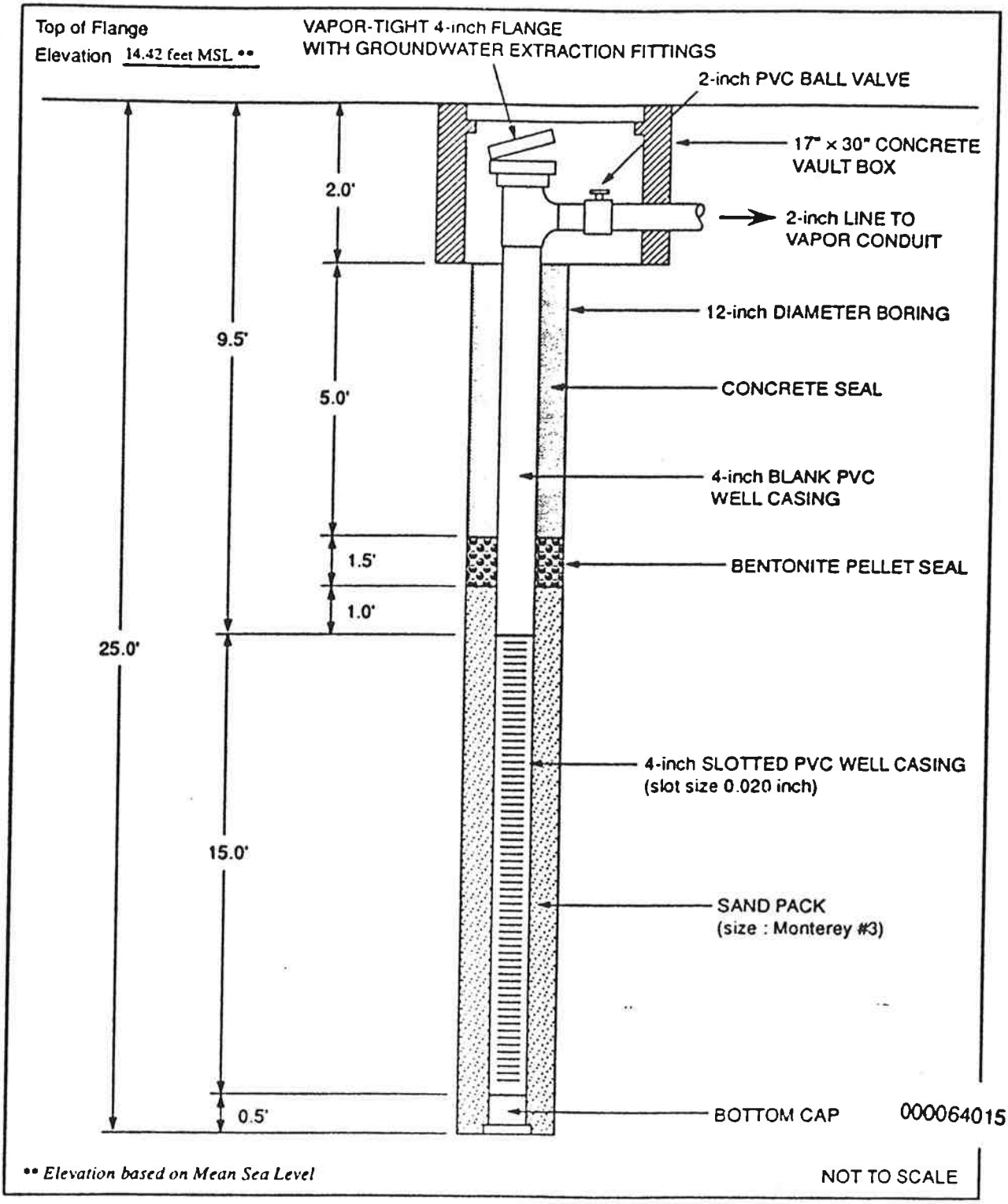
ENVIRONMENTAL RESOLUTIONS, INC.

Project No.: 222903X Boring: MW6J Plate: 1 OF 1
Site: Former Exxon Service Station 7-0235 Date: 4/06/01
Drill Contractor: Gregg Drilling
Sample Method: Split Spoon Geologist: John B. Bobbitt
Drill Rig: Rhino D - 15 Bore Hole Diameter: 8" Signature:
Location: Center of intersection between Registration: R.G. 4313
Telegraph Avenue and 22nd Avenue Logged by: Lyz Cullmann



Casing Diameter: 2" Slot Size: 0.20 , Sand Size: 2/12 , Grout: Portland Cement

FN: 2229MW6J



Harding Lawson Associates
Engineering and Environmental Services

Well Completion Diagram RW-1
Exxon Service Station
2225 Telegraph Avenue
Oakland, California

PLATE 8

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED DATE
S Patel	2251,222.03		06/05/92	

Texaco Refining & Marketing

01-4884 = 405A
15/14W 26K2

Equipment 8-inch Flight Auger

Elevation 99 feet** Date 05/10/90

Laboratory Tests	Blows/foot	PID * Reading (ppm)	Depth (ft)	Sample
			0	
				asphaltic concrete pavement
				aggregate baserock
				YELLOW BROWN CLAY (CL) stiff, moist
				LIGHT BROWN CLAY TRACE SAND (CL) very stiff, moist
	22	<1	5	
				GRAYISH BROWN CLAY TRACE SAND (CL) very stiff, moist
	14	5	10	
				strong petroleum odors between 12.5 and 15.5 feet
				SAND (SP) dense, saturated
	--	70	15	
				GRAYISH BROWN SILTY CLAY (CL) WITH SAND very stiff, moist no petroleum odors
	12	3	20	
				bottom of boring 20 feet
			25	
				stabilized water level at 13.5 feet on 7/11/88
			30	
			35	
			40	

*PID = photo ionization detector, HNU PI 101

**Reference Elevation (arbitrary datum)

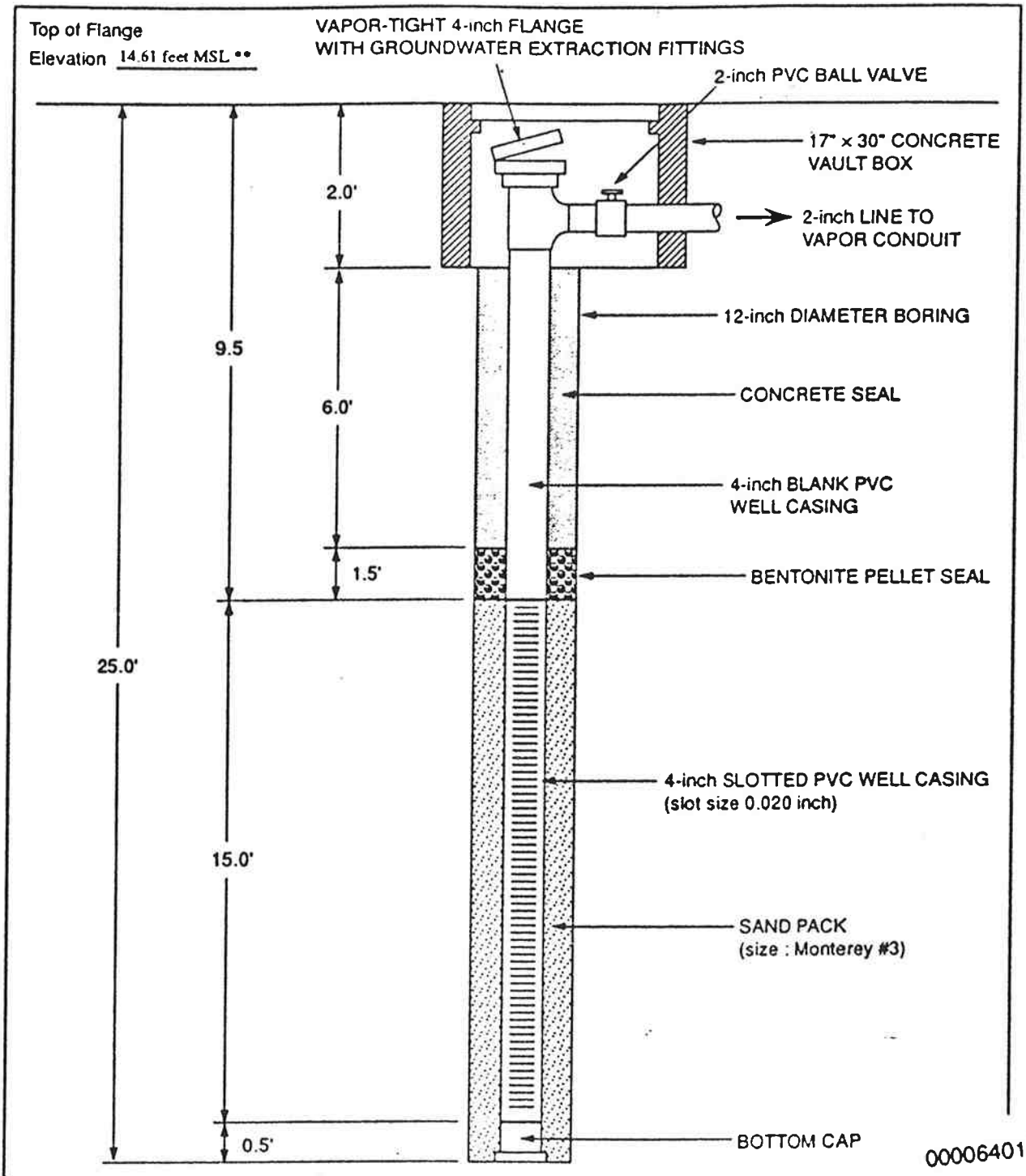
Harding Lawson Associates
Engineers, Geologists & Geophysicists

Log of Boring RW-2 (Previously MW-6D) PLATE

Texaco Station - 62488000195
2225 Telegraph Avenue
Oakland, California

15/14W 26K2

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
RS	2251,080.03				



000064016

** *Elevation based on Mean Sea Level*

NOT TO SCALE

Harding Lawson Associates
Engineering and
Environmental Services

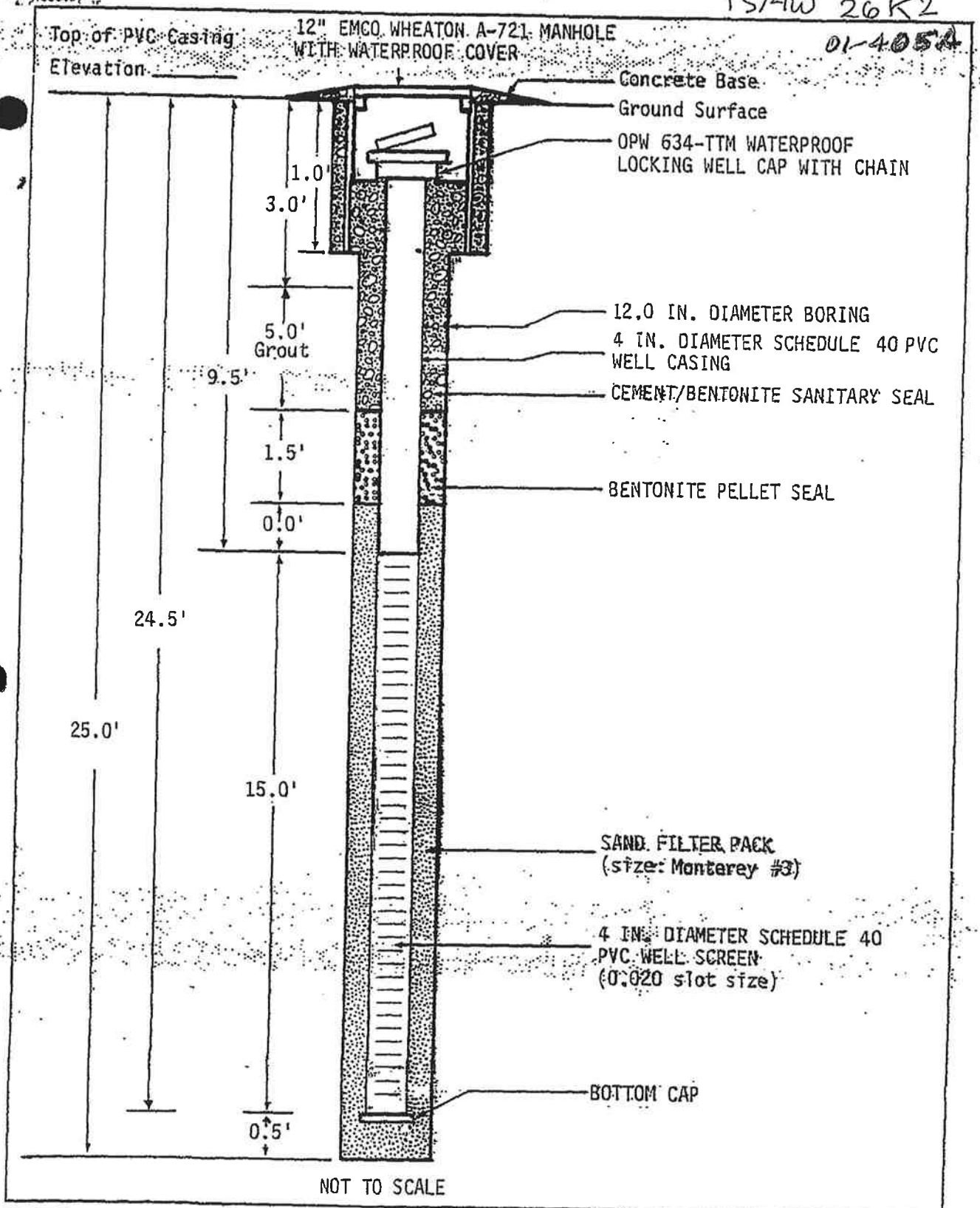
Well Completion Diagram RW-2
Exxon Service Station
2225 Telegraph Avenue
Oakland, California

PLATE
9

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED DATE
S. Patel	2251,222.03		06/05/92	

1S/4W 26K2

01-4054



Harding Lawson Associates
Engineers and Geoscientists

Recovery Well Completion Detail RW-2
Former Texaco Service Station
2225 Telegraph Avenue
Oakland, California

PLATE

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
YC	2251,123.03		6/90		

01-4206
15/4W 26K6

Equipment 8-inch Hollow Stem Auger

Elevation 100.2 feet** Date 05/10/88

Laboratory Tests	Blows/foot	PID * Reading (ppm)	Depth (ft)	Sample	
			0		asphaltic concrete pavement
					aggregate baserock
		2			GRAYISH BROWN SILTY CLAY WITH SAND (CL) very moist, with slight petroleum odor
		<1			
	35	1	5		stained gray between 2 and 2-1/2 feet, with petroleum odor
					becomes brown
					GRAY MOTTLED BROWN SANDY CLAY (CL) very stiff, moist, very slight petroleum odor
	28	25	10		BROWN SILTY CLAY TRACE SAND (CL) very stiff, moist, very slight petroleum odor
			▽		
	48	60	15		GRAY CLAYEY SAND (SC) dense,
					GRAY SILTY SAND (SM) dense, moist
					GRAYISH BROWN SILTY CLAY (CL) hard, moist
	30	10	20		bottom of boring 21.5 feet
					boring cleaned out to 20 feet
					stabilized water level at 14.5 feet on 7/11/88
			25		
			30		
			35		
			40		

*PID = photo ionization detector, HNU PI 101
ppm = parts per million

**Reference Elevation (arbitrary datum)

Harding Lawson Associates
Engineers, Geologists & Geophysicists

Log of Boring RW-3 (Previously MW-6C) PLATE

Texaco Station - 62488000195
2225 Telegraph Avenue
Oakland, California

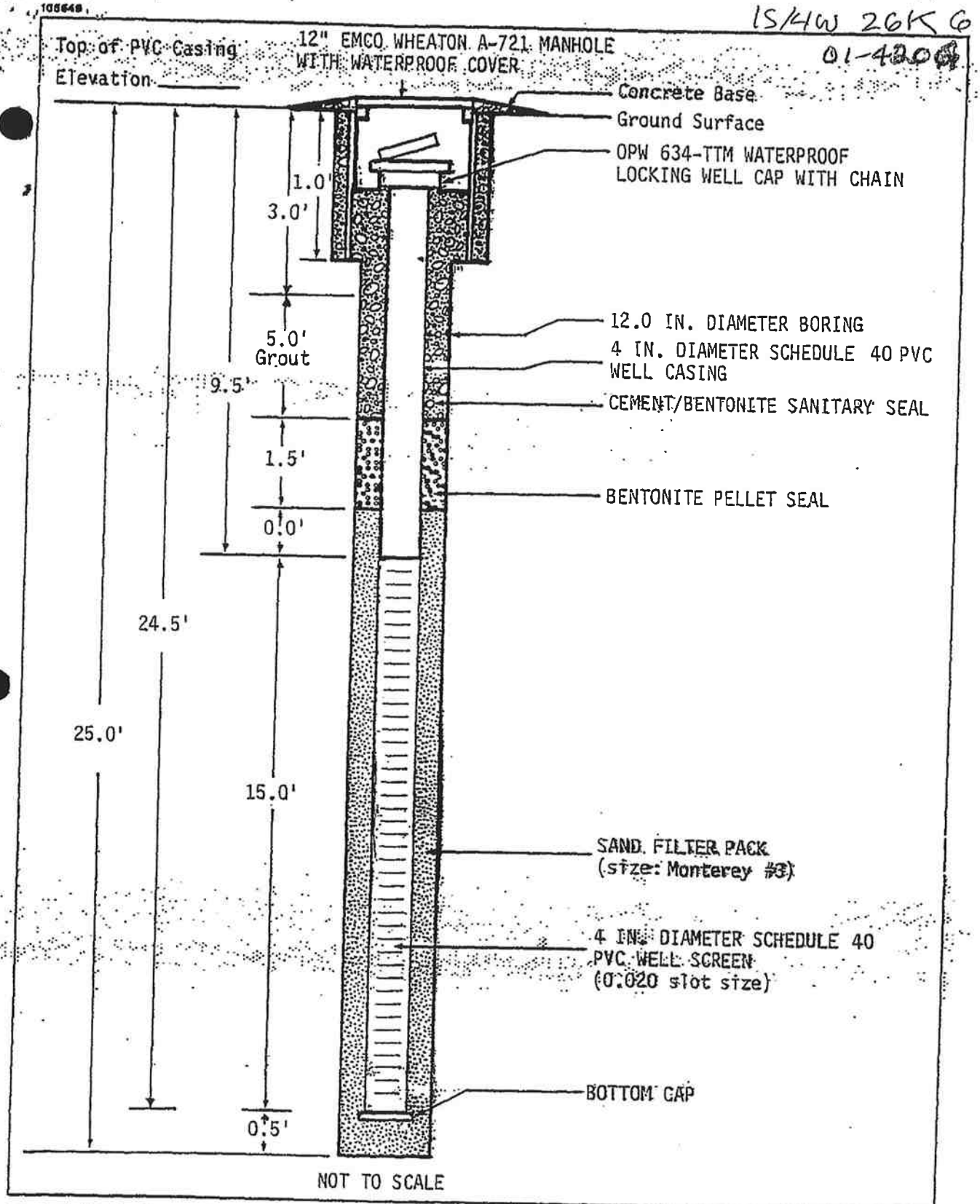
15/4W 26K6.

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
RS	2251,080.03				

105648

1S/4W 26K 6

01-4208



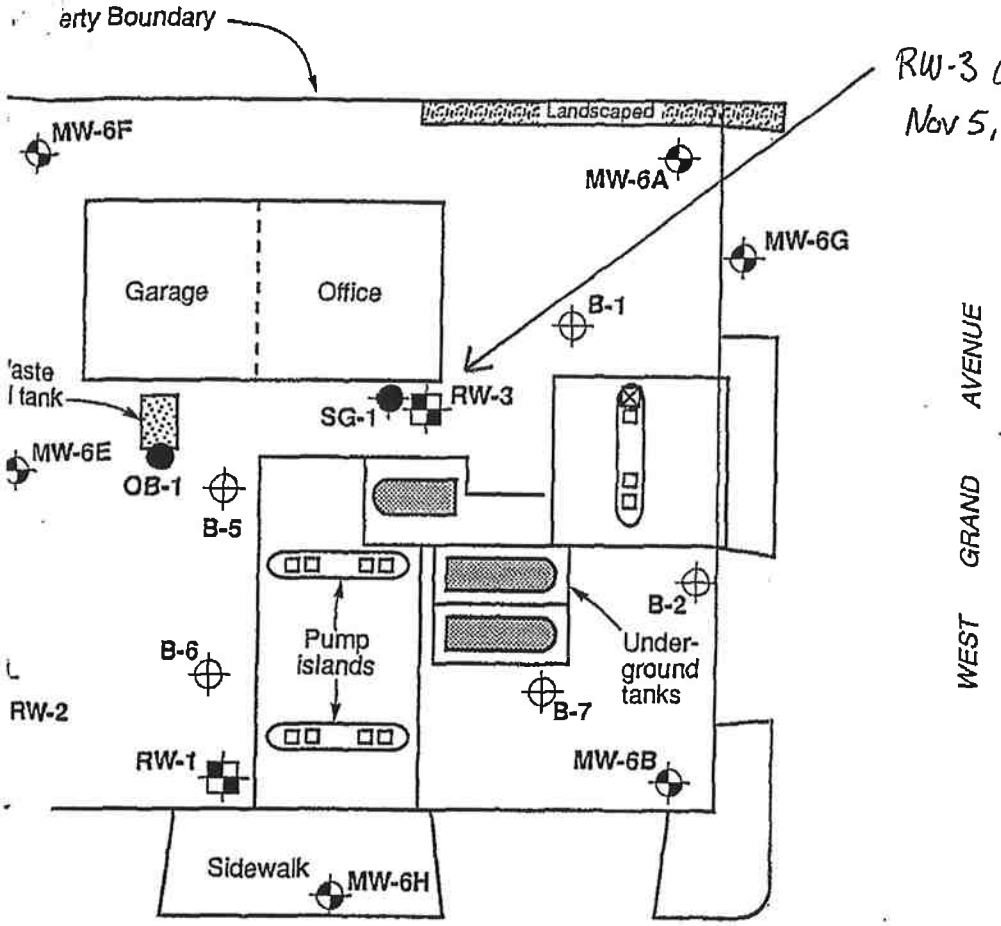
Harding Lawson Associates
Engineers and Geoscientists

Recovery Well Completion Detail RW-3
Former Texaco Service Station
2225 Telegraph Avenue
Oakland, California

PLATE

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
YC	2251,123.03		6/90		

01-405C
(orig. well)
01-508Z - DEST.
01S04W26K04

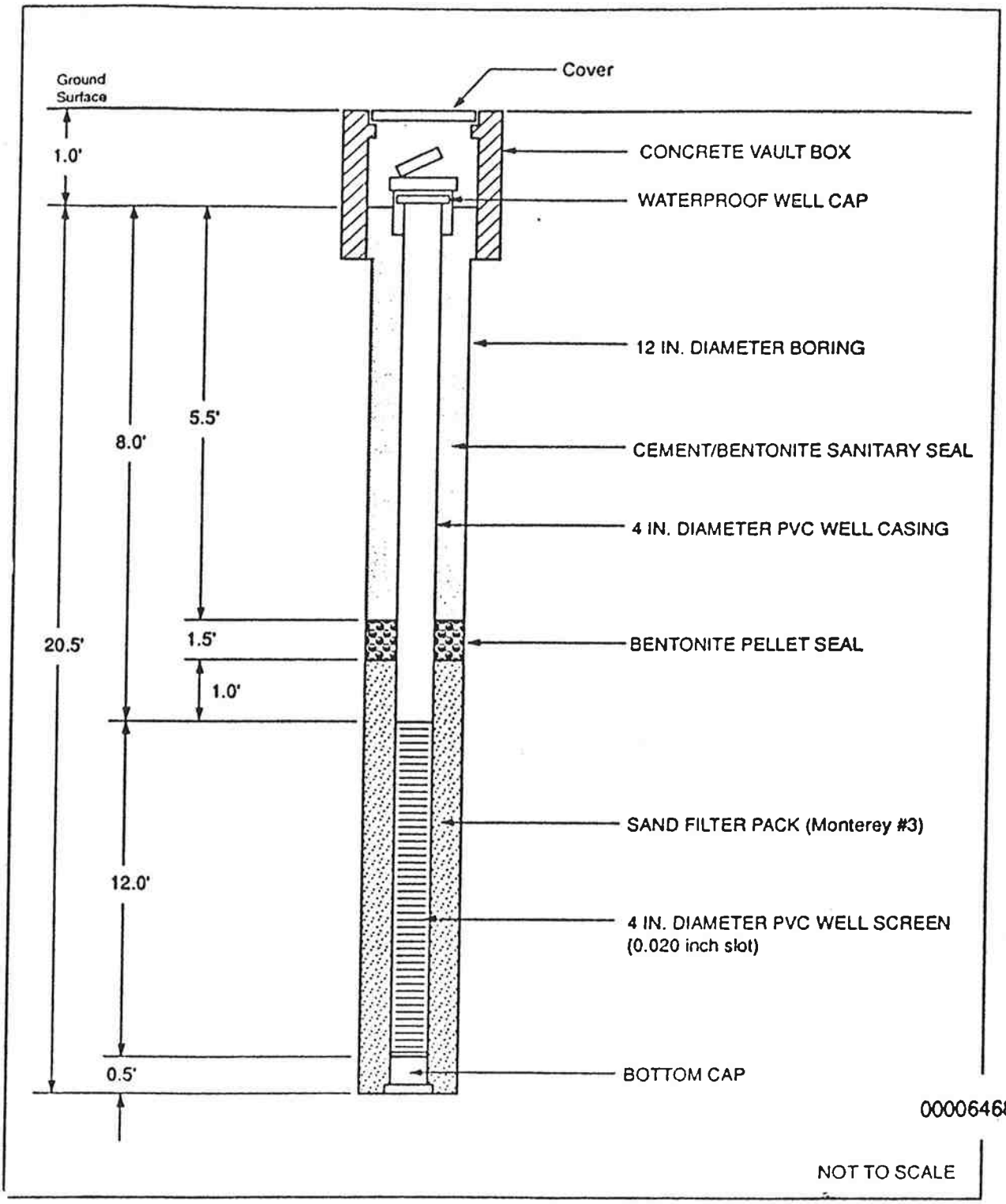


Harding Lawson Associates
Engineering and Environmental Services

Site Plan
Former Texaco Service Station
2225 Telegraph Avenue
Oakland, California

PLATE 1

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED DATE
RHC	2251,146.03	JS#	1/91	02/22/91

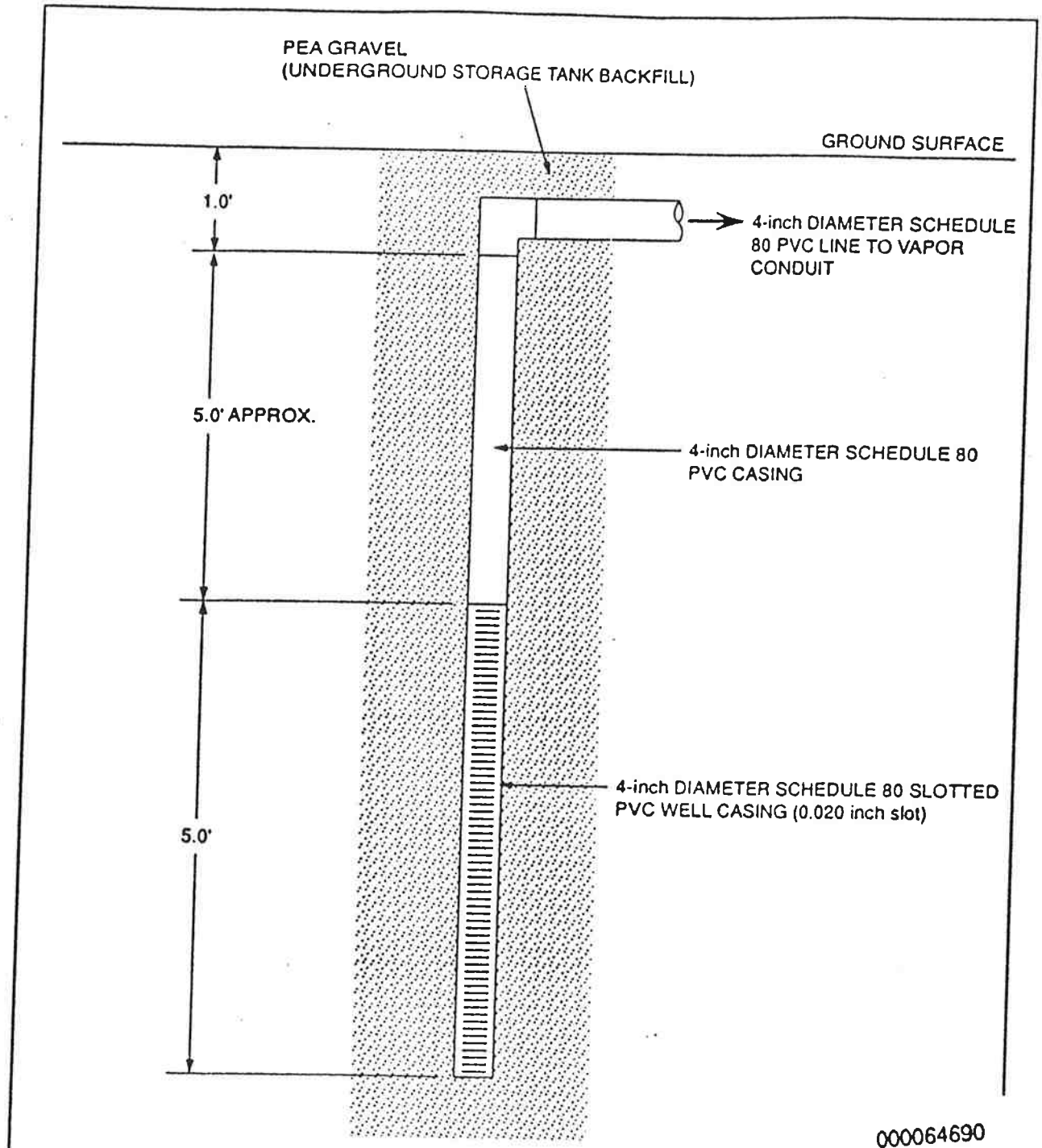


Harding Lawson Associates
Engineering and Environmental Services

Well Completion Diagram RW-3A
Exxon Service Station
2225 Telegraph Avenue
Oakland, California

PLATE
B-5

DRAWN	PROJECT NUMBER	APPROVED	DATE	REVISED DATE
S. Patel	10258.162	JSH	08/24/92	

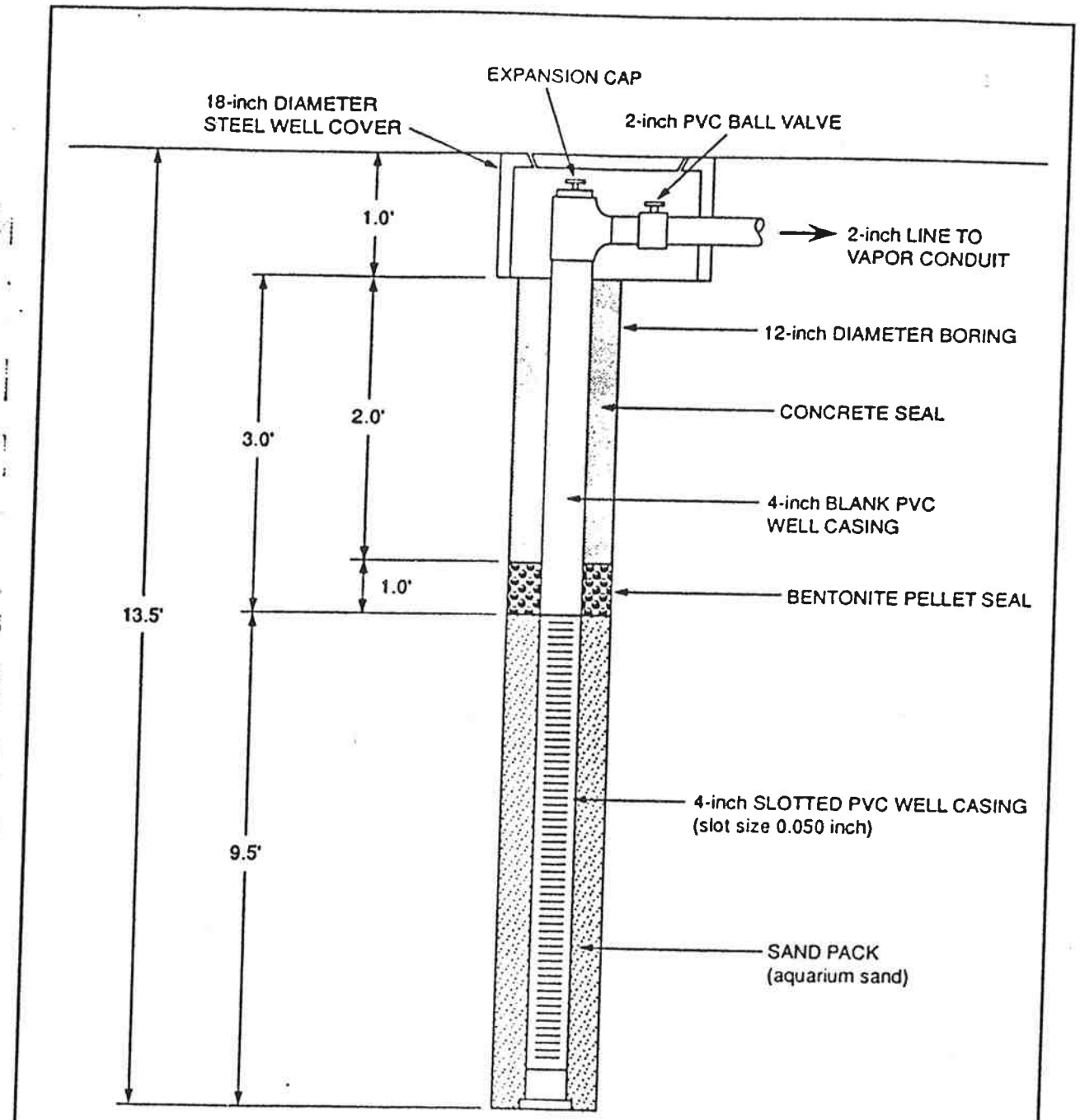


Harding Lawson Associates
Engineering and Environmental Services

Vapor Extraction Well Diagram VW-1 and VW-2
Exxon Service Station
2225 Telegraph Avenue
Oakland, California

PLATE 6

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED DATE
S. Patel	2251,222 03		06/05/92	



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NOT TO SCALE

Harding Lawson Associates
Engineering and
Environmental Services

Vapor Extraction Well Diagram VW-3
Exxon Service Station
2225 Telegraph Avenue
Oakland, California

PLATE
B-4

DRAWN	PROJECT NUMBER	APPROVED	DATE	REVISED DATE
S. Patel	10258.162	JSH	08/24/92	

Equipment 8" Hollow Stem Auger

Elevation **~99.40' Date 10/04/88

Laboratory Tests	Blows/foot	GAS TECH (ppm)*	Depth (ft)	Sample	
			0		Asphalt Baserock up to 1-Inch Diameter
		10			GRAY BROWN LEAN CLAY WITH SILT (CL), Stiff, Moist
			5		Becomes Brown
					Becomes Very Stiff, Trace Very Fine Sand
	19	35			
			10		Becomes Very Sandy
	20	>500			BROWN GRAY POORLY GRADED SAND WITH CLAY (SP), Dense, Wet
	39	200	15		▽ Water Level 10/04/88
					Bottom of Boring at 16.0 feet
			20		
			25		
			30		
			35		
			40		

* Gas-Tech Model 1314, Calibrated to Hexane
ppm - Parts per Million
** Reference Elevation (Arbitrary Datum)
ND Non-Detectable

Harding Lawson Associates
Engineers and Geoscientists

Log of Boring B-1
Former Texaco Service Station
2225 Telegraph Avenue
Oakland, California

PLATE **4**

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
YC	2251,080.03		12/88		

Equipment 8" Hollow Stem Auger

Elevation ** 98.80' Date 10/04/88

Laboratory Tests	Blows/foot	GAS TECH (ppm)*	Depth (ft)	Sample	
			0		Asphalt Baserock GREENISH GRAY LEAN CLAY WITH SILT (CL), Stiff, Moist
			5		
	16	35			Fine Sand Lens Becomes Mottled Greenish Gray & Brown
			10		GREENISH GRAY POORLY GRADED SAND WITH SILT (SP), Dense, Moist, Medium-Grained
	41	30			▽ Water Level 10/04/88
			15		BROWN LEAN CLAY WITH SAND (CL), Very Stiff, Wet
	10	20			Absence of Sand Bottom of Boring at 19.5 feet
			20		
			25		
			30		
			35		
			40		

* Gas-Tech Model 1314, Calibrated to Hexane
ppm - Parts per Million
** Reference Elevation (Arbitrary Datum)
ND Non-Detectable

Harding Lawson Associates
Engineers and Geoscientists

Log of Boring B-2
Former Texaco Service Station
2225 Telegraph Avenue
Oakland, California

PLATE **5**

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
YC	2251,080.03		12/88		

Equipment 8" Hollow Stem Auger

Elevation ** ~98.0' Date 10/04/88

Laboratory Tests	Blows/foot	GAS TECH (ppm)*	Depth (ft)	Sample	
			0		Asphalt
					Baserock
					LIGHT BROWN LEAN CLAY WITH SILT (CL), Stiff, Dry
			5		
					Becomes Brown, Very Stiff, Trace Organics
	30	125			
			10		
					▽ Water Level 10/04/88
	39	>500			
			15		MOTTLED GRAY BROWN POORLY GRADED SAND (SP), Dense, Wet, Medium Grained With Silt
					MOTTLED GREENISH BLUE BROWN LEAN CLAY WITH SILT (CL), Stiff, Wet
	12	200	20		
					Bottom of Boring at 20.5 feet
			25		
			30		
			35		
			40		

* Gas-Tech Model 1314, Calibrated to Hexane
ppm - Parts per Million
** Reference Elevation (Arbitrary Datum)
ND Non-Detectable

Harding Lawson Associates
Engineers and Geoscientists

Log of Boring B-3
Former Texaco Service Station
2225 Telegraph Avenue
Oakland, California

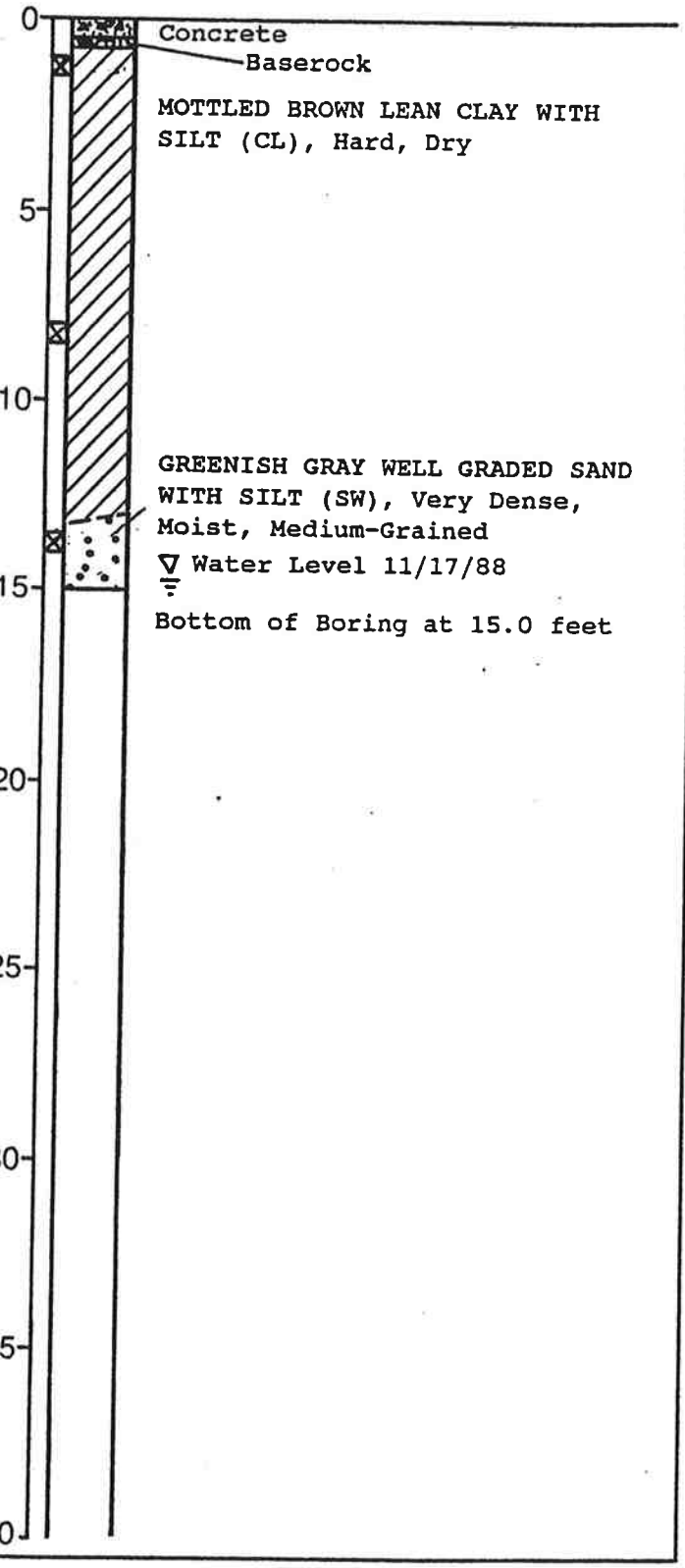
PLATE **6**

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
YC	2251,080.03		12/88		

Equipment 8" Hollow Stem Auger

Elevation ** ~97.80' Date 11/17/88

Laboratory Tests	Blows/foot	PID(ppm)*	Depth (ft)	Sample
		ND	0	
		ND		
	27	ND	5	
			10	
	46	70		
			15	
			20	
			25	
			30	
			35	
			40	



* Photovac TIP I with 10.6 Electron Volt Lamp

** Reference Elevation (Arbitrary Datum)

ppm - Parts per Million

Harding Lawson Associates
Engineers and Geoscientists

Log of Boring B-4

Former Texaco Service Station
2225 Telegraph Avenue
Oakland, California

PLATE 7

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
YC	2251,080.03		12/88		

ERI ENVIRONMENTAL RESOLUTIONS, INC.

Project No.: 2229 Boring: GP1 Plate: APPENDIX
Site: Exxon Service Station 7-0235 Date: 3/29/00
Drill Contractor: Vironex
Sample Method: Split Spoon Geologist: JOHN B. BOBBITT
Drill Rig: 5400 Bore Hole Diameter: 2" Signature:
Location: In the Middle of Telegraph Avenue and 22nd Street Intersection Registration: R.G. 4313
Logged by: Dylan Crouse

DEPTH (ft)	BLOW COUNTS	PID/OVM (ppm)	SAMPLE	COLUMN	USCS	GEOLOGIC DESCRIPTION	WELL DESIGN
						14" asphalt, 12" road base	
						Clay with some silt and trace of sand, greenish gray, damp, (70% clay, 20% silt, 10% fine-grained sand), high plasticity	
5		3.3			CH	clay with some silt, light brown, (80% clay, 20% silt)	
						same, mottled black	
10		0					
		0				same	
		▼			SP	(90% sand, 10% clay), moist, very fine-grained sand	
		0			CH	Clay with some sand, brown, mottled gray (80% clay, 20% fine-grained sand, moist, high plasticity	
15		0			SP	Sand with a trace of clay, brown, (90% sand, 10% clay), fine-grained sand	
		0			CH	Clay with a trace of silt, brown, moist, (85% clay, 15% silt), poorly graded, wet, high plasticity	
20		0			CL	Sandy clay with a trace of gravel, light brown, (60% clay, 35% sand, 5% gravel), fine-grained sand, poorly graded, fine gravel up to 1/2", medium plasticity, wet	
						22'-24' no sample	
25						Total depth at 24 feet. Groundwater encountered at 12.7 feet.	

Backfilled with Grout

Casing Diameter: NA Slot Size: NA , Sand Size: NA , Grout: Portland I,II

FN: 2229GP1

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.: 2229 Boring: GP2 Plate: APPENDIX
Site: Exxon Service Station 7-0235 Date: 3/29/00
Drill Contractor: Vfironex
Sample Method: Split Spoon Geologist: JOHN B. BOBBITT
Drill Rig: 5400 Bore Hole Diameter: 2" Signature:
Location: Approximately 15' North of the Northeastern Corner of Telegraph Avenue and 22nd Street Registration: R.G. 4313
Logged by: Dylan Crouse

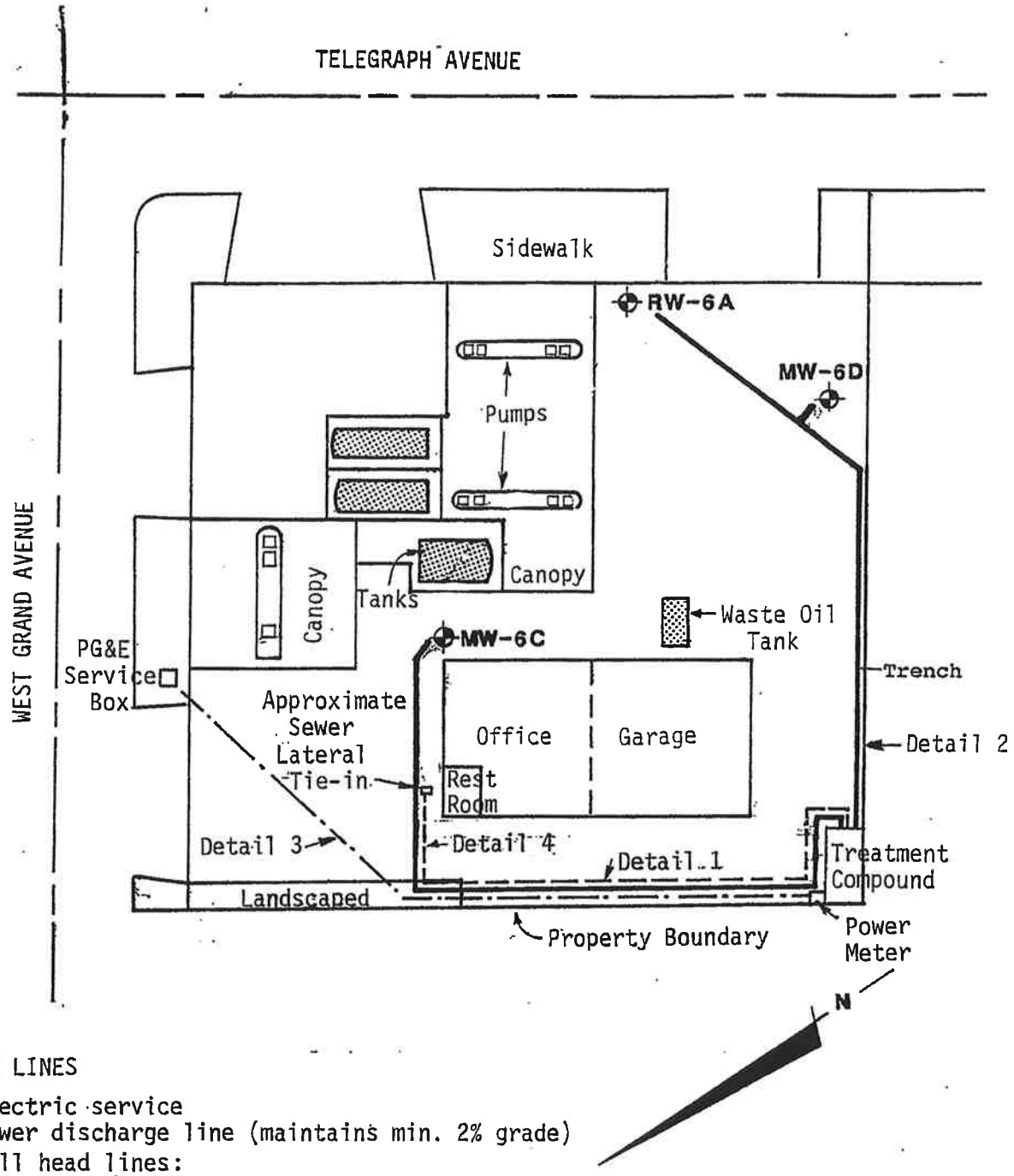
DEPTH (ft)	BLOW COUNTS	PID/OVM (ppm)	SAMPLE	COLUMN	USCS	GEOLOGIC DESCRIPTION	WELL DESIGN
						14" asphalt	
						Clay with some silt and a trace of sand, light brown, (70% clay, 20% silt, 10% fine-grained sand), moist, high plasticity	
5		0			CH		
10		0				same, mottled black	
	▼	8			SC	Sand with some clay, light brown, (75% sand, 25% clay), wet, slight plasticity	
		6			SP	Sand with a trace of silt, greenish gray, (90% sand, 10% silt), fine-grained sand, poorly graded sand, wet	
15		4			CH	Sandy clay, greenish gray, mottled orange, (60% clay, 40% sand), fine-grained sand, poorly graded sand, wet, high plasticity	
		7				same, sand with a trace of clay, light brown (90% sand, 10% clay), very fine-grained sand, poorly graded sand, wet	
20		0			SP		
		5				same	
						Total depth at 23 feet. Groundwater encountered at 12 feet.	
25							

Backfilled with Grout

Casing Diameter: NA Slot Size: NA, Sand Size: NA, Grout: Portland I,II

FN: 2229GP2

26 K 2
01-405A, 26 K 6, 7
01-420G, [illegible] 1S/4W 26K 2.6.7



TRENCH LINES

-·—·- Electric service
——— Sewer discharge line (maintains min. 2% grade)
—+— Well head lines:

1 - Air line, 1/2" galvanized steel pipe
2 - Level sensor cable inside 1" PVC conduit
3 - Extracted water line, double containment pipe 1"x3" PVC
4 - Vapor extraction line, 2" PVC (for future use)
5 - Solenoid power lines, inside 1" PVC conduit

0 30 60
SCALE IN FEET

Harding Lawson Associates
Engineering and Environmental Services

Ground-Water Collection System
Former Texaco Service Station
2225 Telegraph Avenue
Oakland, California

PLATE 6

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED DATE
IC	2251,123.03	[signature]	3/90	

ph. 415 687 9660

ALTON GEOSCIENCE LOG OF EXPLORATORY BORINGS

FIELD LOCATION OF BORING

Tank Cluster (New Tank Area)

SURFACE ELE. _____ DATUM _____

PROJECT NO. 30-483 DATE DRILLED 3-19-91

CLIENT Exxon

LOCATION 2225 Telegraph, Oakland

LOGGED BY JD APPROVED BY _____

BORING NO. 1

WELL NO.

DRILLING METHOD 4" H.S.A. HOLE DIAMETER _____

SAMPLER TYPE 2" S.S.

CASING INSTALLATION DATA N/A

DRILLER West Hazmat

BLOW COUNTS	PID/OVA READING	WELL CONSTRUCTION	DEPTH	SAMPLE	USCS CLASSIFICATION	DESCRIPTION
WATER LEVEL						
DATE						
TIME						
			0			2" of Asphalt
					SM	SILTY SAND: brown, moist, fine-grained sand, loose.
			2			color change: dark green
			4			
3,2,2	273		6			
			8		SC	CLAYEY SAND: dark green, moist, moderate plasticity, fine-grained sand, loose
			10			
3,2,2	362		12			
		▽	14		SP	SAND with trace silt: olive green, wet, poorly graded, fine-grained sand, dense
6,14,20	246		16			
						End of boring at 16.5'
						Ground water encountered at 14'
						Backfilled with neat cement.

ALTON GEOSCIENCE
LOG OF EXPLORATORY ORINGS

PROJECT NO. 30-483 DATE DRILLED 3-19-91
CLIENT Exxon
LOCATION 2225 Telegraph, Oakland
LOGGED BY JD APPROVED BY

BORING NO. 2
WELL NO.

FIELD LOCATION OF BORING
Tank Cluster

DRILLING METHOD 4" H.S.A. HOLE DIAMETER
SAMPLER TYPE 2" S.S.
CASING INSTALLATION DATA N/A
DRILLER West Hazmat

SURFACE ELE. DATUM

WATER LEVEL					
DATE					
TIME					

BLOW COUNTS	PID/OVA READING	WELL CONSTRUCTION	DEPTH	SAMPLE	USCS CLASSIFICATION	DESCRIPTION
			0			2" of Asphalt
					SM	SILTY SAND: brown, moist, fine-grained sand, loose
			2			color change: dark green
			4			
4,2,2	173		6			
			8		SC	CLAYEY SAND: dark green, moist, moderate plasticity, fine-grained sand, loose
			10			
3,2,2	201					
			12			
		▽	14		SP	SAND with trace silt: olive green, wet, poorly graded, fine-grained sand, loose
7,3,5	144		16			

End of boring at 15.5'
Ground water encountered at 14'
Backfilled with neat cement.

ALTON GEOSCIENCE
LOG OF EXPLORATORY DRINGS

PROJECT NO. 30-483 DATE DRILLED 3-19-91
CLIENT Exxon
LOCATION 2225 Telegraph, Oakland
LOGGED BY JO APPROVED BY

BORING NO. 3
WELL NO.

FIELD LOCATION OF BORING

Pump Island

DRILLING METHOD 4" H.S.A. HOLE DIAMETER
SAMPLER TYPE 2" S.S.
CASING INSTALLATION DATA N/A
DRILLER West Hazmat

SURFACE ELE. DATUM

WATER LEVEL						
DATE						
TIME						

BLOW COUNTS	PID/OVA READING	WELL CONSTRUCTION	DEPTH	SAMPLE	USCS CLASSIFICATION	DESCRIPTION
			0			2" of Asphalt
					SM	SILTY SAND: brown, moist, fine-grained sand, abundant zones discolored dark green, dense.
			2			
			4			
6,16,20	288		6			
					CL	SILTY CLAY: light brown, moist, moderate plasticity, no discoloration, stiff
			8			
			10			
4,6,6	322					
			12			
		▽	14		SP	SAND with trace silt: olive green, wet, poorly graded, fine-grained sand, dense.
3,7,24	405					
			16			End of boring at 15.5'
						Ground water encountered at 14'
						Backfilled with neat cement.

ALTON GEOSCIENCE
LOG OF EXPLORATORY ORINGS

FIELD LOCATION OF BORING

Tank Cluster

SURFACE ELE. _____ DATUM _____

PROJECT NO. 30-483 DATE DRILLED 3-19-91

CLIENT Exxon

LOCATION 2225 Telegraph, Oakland

LOGGED BY JD APPROVED BY _____

BORING NO. 4

WELL NO.

DRILLING METHOD 4" H.S.A. HOLE DIAMETER _____

SAMPLER TYPE 2" S.S.

CASING INSTALLATION DATA N/A

DRILLER West Hazmat

WATER LEVEL					
DATE					
TIME					

BLOW COUNTS	PID/OVA READING	WELL CONSTRUCTION	DEPTH	SAMPLE	USCS CLASSIFICATION	DESCRIPTION
			0			2" of Asphalt
					SM	SILTY SAND: brown, moist, fine-grained sand, abundant zones discolored dark green, dense
			2			
			4			
6.14.18	114		6			
			8		CL	SILTY CLAY: light brown, moist, moderate plasticity, discoloration in rootlet zones, hard
			10			
5.19.22	239		12			
		▽	14		SP	SAND with trace silt: olive green, wet, poorly graded, fine-grained sand, dense
6.16.25	320		16			

End of boring at 15.5'
Ground water encountered at 14'
Backfilled with neat cement.

ALTON GEOSCIENCE
LOG OF EXPLORATORY BORINGS

PROJECT NO. 30-483 DATE DRILLED 3-19-91
CLIENT Exxon
LOCATION 2225 Telegraph, Oakland
LOGGED BY JO APPROVED BY

BORING NO. 5
WELL NO.

FIELD LOCATION OF BORING

Tank Cluster

SURFACE ELE. DATUM

DRILLING METHOD 4" H.S.A. HOLE DIAMETER
SAMPLER TYPE 2" S.S.
CASING INSTALLATION DATA N/A
DRILLER West Hazmat

WATER LEVEL						
DATE						
TIME						

BLOW COUNTS	PID/OVA READING	WELL CONSTRUCTION	DEPTH	SAMPLE	USCS CLASSIFICATION	DESCRIPTION
						2" of Asphalt
			0		SM	SILTY SAND: olive green, moist, fine-grained sand, dense
			2			
			4			
4,16,18	338		6			
			8		CL	SILTY CLAY: light brown, moist, moderate plasticity, no discoloration, very stiff
			10			
6,8,10	64		12			
		▽	14		SP	SAND with trace silt: olive green, wet, poorly graded, fine-grained sand, medium dense
1,10,16	269		16			End of boring at 15.5'
						Ground water encountered at 14'
						Backfilled with neat cement.

ALTON GEOSCIENCE
LOG OF EXPLORATORY DRINGS

PROJECT NO. 30-483 DATE DRILLED 3-19-91
CLIENT Exxon
LOCATION 2225 Telegraph, Oakland
LOGGED BY JD APPROVED BY

BORING NO. 6
WELL NO.

FIELD LOCATION OF BORING
Tank Cluster / Pump Island

SURFACE ELE. DATUM

DRILLING METHOD 4" H.S.A. HOLE DIAMETER
SAMPLER TYPE 2" S.S.
CASING INSTALLATION DATA N/A
DRILLER West Hazmat

WATER LEVEL					
DATE					
TIME					

BLOW COUNTS	PID/OVA READING	WELL CONSTRUCTION	DEPTH	SAMPLE	USCS CLASSIFICATION	DESCRIPTION
			0			2" of Asphalt
					SM	SILTY SAND: olive green, moist, fine-grained sand, dense
			2			
			4			
12.22.28	192		6			
			8		CL	SILTY CLAY: light brown, moist, moderate plasticity, no discoloration, hard
			10			
12.15.29	130		12			
		▽	14		SP	SAND with trace silt: olive green, wet, poorly graded, fine-grained sand, dense
3.15.20	252		16			
						End of boring at 15.5'
						Ground water encountered at 14'.
						Backfilled with neat cement.

ALTON GEOSCIENCE
LOG OF EXPLORATORY DRINGS

PROJECT NO. 30-483 DATE DRILLED 3-19-91
CLIENT Exxon
LOCATION 2225 Telegraph, Oakland
LOGGED BY JD APPROVED BY

BORING NO. 7
WELL NO.

FIELD LOCATION OF BORING
Tank Cluster

DRILLING METHOD 4" H.S.A. HOLE DIAMETER
SAMPLER TYPE 2" S.S.
CASING INSTALLATION DATA N/A
DRILLER West Hazmat

SURFACE ELE. DATUM

BLOW COUNTS	PID/OVA READING	WELL CONSTRUCTION	DEPTH	SAMPLE	USCS CLASSIFICATION	DESCRIPTION
						WATER LEVEL / DATE / TIME
			0			2" of Asphalt
					SM	SILTY SAND : olive green, moist, fine-grained sand, medium dense.
			2			
			4			
9,11,11	66		6			
					CL	SILTY CLAY : light brown, moist, moderate plasticity, no discoloration, stiff
			8			
			10			
6,6,6	17					
			12			
		▽	14		SP	SAND with trace silt; olive green, wet, poorly graded, fine-grained sand, very dense
8,25,37	117					
			16			End of boring at 15.5'
						Ground water encountered at 14'
						Backfilled with neat cement.

ALTON GEOSCIENCE LOG OF EXPLORATORY BORINGS

PROJECT NO. 30-483 DATE DRILLED 3-19-91
CLIENT Exxon
LOCATION 2225 Telegraph, Oakland
LOGGED BY JD APPROVED BY

BORING NO. 8
WELL NO.

FIELD LOCATION OF BORING
Pump Island

SURFACE ELE. DATUM

DRILLING METHOD 4" H.S.A. HOLE DIAMETER
SAMPLER TYPE 2" S.S.
CASING INSTALLATION DATA N/A
DRILLER West Hazmat

WATER LEVEL					
DATE					
TIME					

BLOW COUNTS	PID/OVA READING	WELL CONSTRUCTION	DEPTH	SAMPLE	USCS CLASSIFICATION	DESCRIPTION
			0			2" of Asphalt
					SM	SILTY SAND: olive green, moist, fine-grained sand, medium dense
			2			
			4			
10,14,15	18		6			
			8		CL	SILTY CLAY: light brown, moist, moderate plasticity, no discoloration, very stiff
			10			
6,12,17	9		12			
		▽	14		SP	SAND with trace silt: olive green, wet, poorly graded, fine-grained sand, dense
5,18,21	20		16			End of boring at 15.5'
						Ground water encountered at 14'
						Backfilled with neat cement.

ALTON GEOSCIENCE LOG OF EXPLORATORY BORINGS

PROJECT NO. 30.483 DATE DRILLED 3-19-91
CLIENT Exxon
LOCATION 2225 Telegraph, Oakland
LOGGED BY JD APPROVED BY

BORING NO. 9
WELL NO.

FIELD LOCATION OF BORING
Waste Oil Tank

SURFACE ELE. DATUM

DRILLING METHOD 4" H.S.A. HOLE DIAMETER
SAMPLER TYPE 2" S.S.
CASING INSTALLATION DATA N/A
DRILLER West Hazmat

BLOW COUNTS	PID/OVA READING	WELL CONSTRUCTION	DEPTH	SAMPLE	USCS CLASSIFICATION	WATER LEVEL / DATE / TIME	DESCRIPTION
			0				2" of Asphalt
					SM		SILTY SAND: green, moist, fine-grained sand, dense.
			2				color change: brown
			4				
6,15,19	1		6				
			8		CL		SILTY CLAY: light brown, moist, moderate plasticity, very stiff
			10				
5,10,11	0						
			12				
		▽	14		SP		SAND with trace silt: brown, wet, poorly graded, fine-grained sand, dense
8,13,19	1		16				
							End of boring at 15.5'
							Ground water encountered at 14'
							Backfilled with neat cement.

ALTON GEOSCIENCE LOG OF EXPLORATORY BORINGS

PROJECT NO. 30-483 DATE DRILLED 3-19-91
CLIENT Exxon
LOCATION 2225 Telegraph, Oakland
LOGGED BY JD APPROVED BY

BORING NO. 10
WELL NO.

FIELD LOCATION OF BORING

Pump Island

SURFACE ELE. DATUM

DRILLING METHOD 4" H.S.A. HOLE DIAMETER
SAMPLER TYPE 2" S.S.
CASING INSTALLATION DATA N/A
DRILLER West Hazmat

	BLOW COUNTS	PID/OVA READING	WELL CONSTRUCTION	DEPTH	SAMPLE	USCS CLASSIFICATION
WATER LEVEL						
DATE						
TIME						
	9,19,20	15		6		
	4,8,13	34		10		
▽	10,21,21	32.6		14		SP

DESCRIPTION

2" of Asphalt
SILTY SAND: brown, moist, fine-grained sand, medium dense (SM)

SILTY CLAY: light brown, moist, moderate plasticity, very stiff (CL)

SAND with trace silt: olive green, wet, poorly graded, fine-grained sand, dense (SP)

End of boring at 15.5'
Ground water encountered at 14'
Backfilled with neat cement.