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Alameda County
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August 14, 2007
ERI 201003MU.L30

Mr. Marcel Uzegbu
Supervising Civil Engineer
Sewer Lines
Engineering Division Public Works Agency
250 Frank Ogowa Plaza, Suite 4314
Oakland, California 94612

SUBJECT Request for Access to Sample Trench Backfill Material
Subsurface Utility Line F.L. 4.9
Adjacent to Former Exxon Service Station 7-3006
720 High Street, Oakland, California

Mr. Uzegbu:

At the request of Exxon Mobil Corporation (Exxon Mobil), Environmental Resolutions, Inc. (ERI) performs environmental activities at the subject site. In response to a directive from the Alameda County Health Care Services Agency, Environmental Health Services (ACEH), ERI is evaluating the potential for underground utilities adjacent to the site to act as preferential pathways for the migration of dissolved hydrocarbons in groundwater. This work will require collection of soil and groundwater (if present) samples from select utility trenches adjacent to the site, as proposed in ERI's *Work Plan for Additional Soil and Groundwater Investigation*, dated March 29, 2006 (Work Plan) (Attachment A) and approved by the ACEH in a letter dated July 24, 2006. Agency correspondence is provided in Attachment B.

ERI is requesting authorization to remove overlying asphalt and road base materials and collect samples of the fill material and groundwater encountered in the City of Oakland (the City) sewer drain line trench F.L. 4.9. The sewer line runs beneath Coliseum Way and is located approximately 230 feet southeast of the intersection of High Street and Coliseum way. A copy of a map provided by the City showing the location of the utility trench is included as Attachment C. ERI will contract with a professional saw cutter to cut or core the asphalt in accordance with the City specifications. Underlying materials will be removed using hand tools to prevent damage to utility lines within the trench.

ERI anticipates that the work will take two days to complete. The work will require encroachment permits from the City. ERI will coordinate the actual work times and dates with you or your designated representative; please inform ERI if a representative from the City will be present for oversight during the field work.

A copy of ERI's current Workers' Compensation Insurance Certificate, Certificate of Liability Insurance, and Contractors License is attached (Attachment D). If you request, ERI will send the City a copy of the report documenting the results of the investigation. Enclosed are two copies of this letter. If this request is acceptable, please sign both copies, return one original to ERI in the enclosed stamped envelope, and retain the other for your records.

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

Sincerely,
Environmental Resolutions, Inc.

Rebekah A. Westrup
Senior Staff Geologist

Paula Sime
Project Manager

Attachments:

Attachment A: ERI's *Work Plan for Additional Soil and Groundwater Investigation*, dated March 29, 2006
Attachment B: Agency Correspondence
Attachment C: City of Oakland Utility Map
Attachment D: ERI's Workers' Compensation Insurance, Certificate of Liability Insurance, and Contractors License

Signatures:

Excavation Permit required

Mr. Marcel Uzegbu, Supervising Civil Engineer

Date 5/1/08

Keith A. Romstad
Vice President
Environmental Resolutions, Inc.

Date 8/15/07

cc: Ms. Jennifer C. Sedlachek, ExxonMobil Refining & Supply – Global Remediation
Mr. Steven Plunkett, Alameda County Health Care Services Agency, Department of Environmental Health
Mr. Chuck Headlee, California Regional Water Quality Control Board, San Francisco Bay Region

ATTACHMENT A

ERI's *Work Plan for Additional Soil and Groundwater Investigation*, dated March 29, 2006

Jennifer C. Sedlachek
Project Manager

4096 Piedmont Avenue #194
Oakland, California 94611
510.547.8196
510.547.8706 Fax
jennifer.c.sedlachek@exxonmobil.com

ExxonMobil
Refining & Supply

March 29, 2006

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

RE: Former Exxon RAS #7-3006/720 High Street, Oakland, California.

Dear Mr. Gholami:

Attached for your review and comment is a copy of the letter report entitled ***Work Plan for Additional Soil and Groundwater Investigation,*** dated March 29, 2006, for the above-referenced site. The report was prepared by Environmental Resolutions, Inc. (ERI) of Petaluma, California, and details groundwater monitoring, sampling, and remedial activities for the subject site.

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

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

Sincerely,

Jennifer C. Sedlachek
Project Manager

Attachment: ERI's Work Plan for Additional Soil and Groundwater Investigation, dated March 29, 2006.

cc: w/ attachment
Mr. Chuck Headlee, California Regional Water Quality Control Board, San Francisco Bay Region

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

ENVIRONMENTAL RESOLUTIONS, INC.

March 29, 2006
ERI 201014.W03

Ms. Jennifer C. Sedlachek
ExxonMobil Refining & Supply-Global Remediation
4096 Piedmont Avenue #194
Oakland, California 94611

SUBJECT Work Plan for Additional Soil and Groundwater Investigation
Former Exxon Service Station 7-3006
720 High Street, Oakland, California

Ms. Sedlachek:

At the request of Exxon Mobil Corporation (Exxon Mobil), Environmental Resolutions, Inc. (ERI) has prepared this work plan for an additional soil and groundwater investigation at the subject site. This work plan was prepared in response to a letter from the Alameda County Health Services Agency (the County), dated June 7, 2005 (Attachment A). The purpose of this investigation is to delineate the extent of petroleum hydrocarbons in soil and groundwater west, southwest, and south of the site. In the County's letter, a due date for submittal of this work plan was set for July 7, 2005; however, the County inadvertently sent the letter to ERI's previous address and ERI did not receive the letter until February 2006. ERI contacted Mr. Amir Gholami at the County to notify him of the delay in receiving the letter and began preparing the work plan immediately.

BACKGROUND

Exxon Mobil operated a service station at the site from 1970 until 1987. The site is currently an active Gas and Food-branded station owned and operated by Mr. Mashoon of Mash Petroleum, Inc. The current service station contains three underground storage tanks (USTs), storing three grades of unleaded gasoline. The locations of the former and current USTs, dispenser islands, groundwater monitoring wells, and select site features are shown on Plate 1.

April 1987 — Four USTs (10,000-, 8,000-, and 6,000-gallon gasoline tanks, and 1,000-gallon used-oil tank) were excavated and removed from the site by Pacific Southwest Construction and Service (AGS, 1987a). Total volatile hydrocarbons were detected at concentrations greater than 1,000 milligrams per kilogram (mg/kg) in soil samples collected from the gasoline UST pit. Total petroleum hydrocarbons as diesel (TPHd) were not detected in the soil sample collected from excavated soil above the used-oil tank pit. Removal of the product and vapor piping revealed a black impacted layer of soil approximately 2 to 3 feet deep that appeared to contain relatively high hydrocarbon concentrations. Concentrations of TPHd were detected at 434 mg/kg in a soil sample analyzed from this layer; the sample was only analyzed for TPHd because the sample appeared oily (AGS, 1987a).

May 1987 — The gasoline UST excavation was over-excavated to a depth of 14 feet below ground surface (fbgs), the depth at which groundwater was encountered. A black oily viscous fluid seeping from the southwestern wall of the gasoline UST excavation, at a depth of approximately 12 fbgs, was observed (AGS, 1987b). Liquid-phase hydrocarbons (LPH) were observed floating on top of the groundwater at the bottom of the gasoline excavation. Approximately, 1,350 gallons of groundwater (containing 99% water and 1% gasoline) were removed from the excavation and transported off site for disposal (AGS, 1987b). Between May and July 1987, approximately 760 cubic yards of soil were excavated, aerated, and subsequently taken off site for disposal.

June 1987	A soil vapor survey was conducted by EA Engineering, Science, and Technology, Inc. The highest hydrocarbon-vapor concentrations were detected between the former gasoline UST excavation, the southern dispenser islands, and southwest towards Coliseum Way (EA, 1987).
September 1987	Seven soil borings (B2 through B8) were drilled and completed as groundwater monitoring wells (MW2 through MW8, respectively) at the site (AGS, 1988). Total petroleum hydrocarbons as gasoline (TPHg), TPHd, and benzene were detected in soil samples at concentrations up to 2,689 mg/kg, 4,261 mg/kg, and 126 mg/kg, respectively.
May 1988	Two soil borings (B1 and B9) were drilled and completed as off-site groundwater monitoring wells (MW1 and MW9, respectively) (AGS, 1988). Benzene, toluene, ethylbenzene, and xylenes (BTEX) and TPHg were not detected at or above the laboratory reporting limits in the soil samples collected from borings MW1 and MW9.
April 1989	Quarterly groundwater monitoring was initiated (AGS, 1989a).
July 1989	Well MW5 was destroyed so additional soil could be excavated from the southern part of the former gasoline UST pit (AGS, 1989a). Before excavation began, approximately 13,000 gallons of water that had accumulated in the tank pit was pumped into aboveground tanks and later disposed (AGS, 1989b). Approximately, 300 cubic yards of soil and debris (including bricks and lumber) were excavated from the southern and southwestern sides of the pit as far towards Coliseum Way as possible. In addition, a concrete structure that appeared to be an old dispenser island was uncovered just southeast of well MW5. Piping containing an oily substance (appeared to be former product lines) extended from the dispenser island towards Coliseum Way.
July to September 1989	Twenty-seven and a half gallons of LPH were removed from wells MW2, MW3, MW4, and MW8 (AGS, 1989a).
November 1989	Eleven soil borings (B10 through B20) were drilled and four of the borings (B10 through B13) were completed as groundwater monitoring wells (MW10 through MW13, respectively) (AGS, 1990). Concentrations of TPHg, TPHd, and benzene were detected in soil samples up to 3,400 mg/kg (B14, 10 feet), 1,900 mg/kg (B14, 10 feet), and 9.0 mg/kg (B16, 7.5 feet), respectively (AGS, 1990).
November 1990	Twelve soil borings (B21 through B32) were drilled and two of the borings (B31 and B32) were completed as groundwater monitoring wells (MW14 and MW15), respectively (AGS, 1991a).
January 1991	Approximately 500 cubic yards of soil were excavated from the northwestern corner of the site for the new UST field (AGS, 1991b). Concentrations of TPHg were detected up to 53 mg/kg in soil samples collected from the walls and floor of the excavation. Benzene was detected in one floor soil sample at a concentration of 0.007 mg/kg. Concentrations of TPHd were not detected in any of the excavation soil samples. Groundwater did not accumulate in the pit. The excavated soil was aerated on site and transported to a Class III facility.
October 1991	Groundwater extraction and treatment was proposed in the *Interim Groundwater Remediation Work Plan* (AGS, 1991c).

February 1993	Four soil borings (B35, B35A, B36, and B37) were drilled and three of the soil borings (B35A, B36, and B37) were completed as vapor extraction wells (VW1 through VW3) (RESNA, 1993b). Concentrations of TPHg, TPHd, and benzene were detected in soil samples up to 950 mg/kg (B35, 9 feet), 30 mg/kg (B35, 7.5 feet), and 7.6 mg/kg (B35, 9 feet), respectively. In addition, petrotraps (product skimmers) were installed in wells MW2, MW4, and MW6; a vapor extraction test was performed using the three vapor extraction wells; and a 24-hour aquifer test using well MW13 was performed.
March 1993	An extensive records search was conducted on the area surrounding the subject site (RESNA, 1993a).
March to April 1994	An interceptor trench with seven extraction wells (RW1 through RW7) and six air sparge wells (AS1 through AS6) was installed.
December 1994	Installation of the remediation systems were completed (ERI, 1995).
January 1995 to December 1998	The groundwater extraction and treatment (GET) system, which removed approximately 10 pounds of TPHg and 3 pounds of benzene, was operated (ERI 1999a; ERI, 1999b).
August 1996 to July 1999	The air sparge/soil vapor extraction (AS/SVE) system, which removed approximately 5,144 pounds of TPHg and 61 pounds of benzene, was operated (ERI, 1999b).
November 1999	Natural attenuation monitoring and a risk-based corrective action analysis (RBCA) were performed (ERI, 1999c). Based on the evidence presented in the report, natural attenuation has occurred and continues to occur at the site. In addition, the results of the RBCA Tier II analysis indicate that the 90% confidence level of soil samples and the 95% confidence level of groundwater samples do not exceed site specific target levels (SSTLs) for any of the evaluated exposure pathways for BTEX. Low-risk case closure was proposed based on the occurrence of natural attenuation and the results of the RBCA analysis.
January 2000	At the request of the County, a Case Closure Summary form was submitted to the County (ERI, 2000). The County subsequently issued a letter dated January 26, 2000, indicating that they do not concur with site closure and suggested that some type of enhanced bio-remediation might help move site conditions towards acceptable levels for closure.
March 2000	The County approved the request to perform monitoring and sampling on an annual basis in a letter dated March 28, 2000.
July 2000	The County, in a letter dated July 28, 2000, requested annual sampling of wells MW1, MW2, MW4, MW6, MW12, and MW14 during the first quarter. In addition, the County concurred with the restart of the air sparging wells located in the extraction trench to enhance bio-remediation.
December 2000	Seven groundwater monitoring wells (MW7 through MW11, MW13, and MW15), three groundwater recovery wells (RW5 through RW7), and two vadose wells (VW2 and VW3) were destroyed (ERI, 2001).
July 2001 to June 2003	The biosparge system was operated.

April 2005 Five soil borings and six cone penetrometer tests (CPTs) were advanced. The results of this investigation are described in the Summary of Results of Cone Penetrometer Test (CPT) and Direct Push (DP) Borings – April 2005 section of this report.

Well locations are shown on Plate 1. Groundwater monitoring data (1994 - present) are summarized in Tables 1A and 1B. Soil sample analytical results are summarized in Tables 2A and 2B. Well construction details are summarized in Table 3. Grab groundwater analytical results are summarized in Table 4.

Remedial Measures

Exxon Mobil's remedial efforts at the site have included excavation, product bailing, groundwater extraction, vapor extraction, air sparging, and biosparging.

In 1989, approximately 27 gallons of LPH were removed from on-site wells. In 1993, petrotraps were installed in wells MW2, MW4, and MW6, and 6.3 gallons of LPH were removed (RESNA, 1993b). The GET system operated from January 1995 to December 1998, the AS/SVE system operated from August 1996 to July 1999, and a biosparge system operated from July 2001 to June 2003.

The GET system was designed to treat separate-phase and dissolved petroleum hydrocarbons in groundwater extracted from the interceptor trench beneath the site. Pneumatic pumps were installed in extraction wells RW2 and RW5 to recover groundwater from the interceptor trench. Subsurface and aboveground collection piping were used to transfer extracted groundwater to a holding tank. A transfer pump and poly-vinyl chloride piping were used to direct the water stream from the holding tank through water filters, an airstripper, and subsequently through liquid-phase granular activated carbon canisters connected in series. The treated groundwater was discharged to the sanitary sewer regulated by East Bay Municipal Utilities District (EBMUD). The GET system operated from 1995 to 1998, and was shut down when influent concentrations decreased. The GET system removed approximately 10 pounds of TPHg and 3 pounds of benzene (ERI, 1999a; ERI, 1999b).

The AS/SVE system consisted of six air-sparging wells (AS1 through AS6) for air injection and three vadose wells (VW1 through VW3) for vapor extraction within an on-site interceptor trench, a water knock-out tank, a Thermtech VAC-25 thermal/oxidizer, a Gast air compressor, and a propane tank for supplemental fuel. The AS/SVE system operated from 1996 to 1999, and removed approximately 5,144 pounds of TPHg and 61 pounds of benzene (ERI, 1999b). The AS/SVE system was shut down when influent TPHg concentrations decreased to near the laboratory reporting limits and TPHg removal rates reached asymptotic conditions.

The bio-sparge system used an air compressor to inject air into the on-site groundwater interceptor trench to enhance biodegradation. The bio-sparge system operated from 2001 to 2003, and was discontinued when it was deemed ineffective.

Current Monitoring Well Network

The site currently has six on-site groundwater monitoring wells (MW2 through MW4, MW6, MW12, and MW14), one off-site groundwater monitoring well (MW1), and four groundwater recovery wells (RW1 through RW4) (Plate 1). Monitoring wells MW4 and MW12 have been covered with asphalt since station renovation activities in December 1999 and January 2000. Well construction details are summarized in Table 3.

SITE CONDITIONS

Local Geology

The local geology and hydrogeology of the site was evaluated using boring logs from the most recent investigation and earlier investigations, and monitoring data, to determine preferential pathways. In general, the lithology of site consists primarily of silt with lenses of fine sand and gravel. The lithology

logged during the CPT investigation is primarily silt and does not correlate well with the results of previous investigations. Debris and fill material is present in the southern portion of the site.

Local Hydrogeology

The depth to groundwater beneath the site has varied over time and has ranged from approximately 3.5 fbgs to 11.5 fbgs. Currently groundwater is encountered at depths ranging from approximately 3.5 fbgs to 6.0 fbgs. Cumulative results of groundwater monitoring and sampling indicate the groundwater flow direction is predominantly towards the southwest with an average hydraulic gradient of 0.015. Groundwater elevation data since 1994 are presented in Table 1A.

Summary of Results of Cone Penetrometer Test (CPT) and Direct-Push (DP) Borings – April 2005

On April 6 and 7, 2005, ERI advanced five on-site direct-push borings (DP1, DP3 through DP6), to 12 fbgs, and four on-site CPT borings (CPT1 and CPT4 through CPT6) and two off-site CPT borings (CPT2 and CPT3) to 45 fbgs. Soil samples were collected from the borings using direct-push equipment, and grab groundwater samples were collected from borings advanced adjacent to the CPT borings using a Hydropunch® sampling device.

Results of the CPT and DP sampling indicate the maximum concentrations of residual TPHg and benzene are currently in the vicinity of borings DP1 and DP5, at the west and southwest site boundaries, respectively. The lateral extent of TPHg and benzene in soil is not defined in the southern portion of the site west of the former USTs near borings CPT1 and DP5, and west of the site near boring DP1. Cumulative soil analytical results are summarized in Tables 2A and 2B.

The maximum dissolved TPHg, benzene, and MTBE concentrations were reported in samples collected from CPT2, CPT3, CPT4, CPT5, DP3, and DP5. Maximum dissolved concentrations were reported in grab goundwater samples collected at 10 fbgs; however, elevated concentrations were also reported in the deepest groundwater samples, collected from 26 to 29 fbgs. The lateral extent of dissolved TPHg, benzene, and MTBE in groundwater is not defined to the west and southwest of the site. Groundwater analytical results from the second quarter 2005 monitoring and sampling event, along with the results of the April 2005 CPT sampling, are shown on Plate 2. Cumulative groundwater analytical results are summarized in Tables 1A and 1B and grab groundwater results are summarized in Table 4.

Preferential Pathway Study

ERI conducted a sensitive receptor survey (SRS) in April 2004. The SRS is updated annually. Underground gas, electric, water, sewer, storm drain, and telephone lines are located adjacent to the site, at the locations shown on Plate 3. Depth information for the buried utility trenches was not provided by the utility companies; therefore, it is not known whether the utility trenches in Coliseum Way are providing preferential pathways for groundwater migration. Because depth to water measurements in monitoring well MW2 range from 2 to 5 fbgs, it is likely that at least some of the trenches are submerged during periods of high groundwater levels and may provide conduits for groundwater migration.

PROPOSED INVESTIGATION

Soil Assessment

To define the extent of residual TPHg and benzene in soil in the vicinity of on-site borings CPT1 and DP5, ERI proposes to place one on-site direct-push soil boring (DP6) at the southern property boundary, southwest of the former USTs. To define the extent of residual TPHg and benzene west of the site near DP1 and DP5, ERI proposes to place two off-site soil borings (DP7 and DP8) west of the site in the vicinity of boring CPT2. Proposed direct-push soil boring locations are shown on Plate 1.

Groundwater Assessment

To define the extent of hydrocarbons in groundwater downgradient of the site in the vicinity of boring CPT2, ERI proposes to place a transsect of borings (CPT8 through CPT11) west of the site across Coliseum Way, in a northwest/southeast alignment. To define the extent of hydrocarbons in groundwater south of the site, ERI proposes two CPT borings (CPT7 and CPT12). Results of borings CPT7 and CPT12 will be used to evaluate placement and screening for proposed additional monitoring wells. After reviewing the results of the CPT borings, the placement and construction of these wells will be proposed under separate cover. The locations of proposed CPT borings are shown on Plate 1.

Utility Trench Assessment

Utility lines adjacent to the site along Coliseum Way have been identified as potential preferential pathways for groundwater migration. To assess the possibility of hydrocarbon-impacted groundwater migrating along the trenches, ERI proposes to pothole the known utilities at the two locations shown on Plate 1, and if groundwater is encountered in the trenches, collect grab groundwater samples. Known utilities include gas, electric, water, sewer, storm drain, and telephone.

Investigation Tasks

ERI and its subcontractors will perform field work in accordance with this work plan, ERI's Field Protocol (Attachment B), and a site-specific health and safety plan. Details of the work scope are described in the following subsections.

Task 1: Permitting and Access

For borings DP7, DP8, and CPT8 through CPT12, ERI will obtain access to the parcel located directly west of the site underneath Highway 880. Boring CPT7 is located in a driveway immediately south of the site which is owned by a private party and will require an access agreement.

For the utility trench assessment, ERI will work with the individual private utility companies to obtain permission to pothole the utilities and collect groundwater samples (if present). Upon receipt of permission, ERI will negotiate an encroachment permit to perform the work in Coliseum Way.

ERI will obtain soil boring permits from the Alameda County Public Works Department (Public Works) prior to advancing the CPT and DP borings.

Task 2: Subsurface Clearance

To avoid conflicts with existing underground utilities during the advancement of soil borings, ERI will:

- Mark the boring locations, and contact Underground Service Alert (USA) at least 48 hours before field work begins.
- Obtain the services of a private utility locator to clear the borehole locations of utilities.
- Clear each boring location using hand tools or vacuum excavation equipment to 4 fbgs.

Task 3: Direct Push Soil Borings

For collection of soil samples using direct push equipment, ERI will:

- Obtain the services of a licensed well driller and observe the advancement of on-site boring DP6 and off-site borings DP7 and DP8 using direct-push equipment. Soil borings will be advanced to a maximum depth of approximately 20 fbgs.

- Collect and visually examine soil samples from each boring to construct a boring log, and screen soil samples with a photo-ionization detector (PID). Soil samples will be identified using visual and manual methods, and classified according to the Unified Soil Classification System (USCS). Soil samples will be collected continuously, and retained for laboratory analysis at approximately 5-foot intervals.

- Collect grab groundwater samples from first-encountered groundwater through installation of a temporary polyvinyl chloride (PVC) well screen.

- Upon completion of sampling, fill the borehole with cement/bentonite grout and restore the surface to match the surrounding ground conditions.

- Submit soil and groundwater samples collected from the borings to a California state-certified analytical laboratory, under Chain-of-Custody protocol. Samples will be analyzed for TPHd and TPHg using EPA Method 8015B, and BTEX, oxygenated compounds (MTBE, tertiary butyl alcohol [TBA], tertiary amyl methyl ether [TAME], ethyl tertiary butyl ether [ETBE], and di-isopropyl ether [DIPE]), and lead scavengers (1,2-dichloroethane [1,2-DCA] and 1,2-dibromoethane [EDB]) using EPA Method 8260B.

Task 4: Cone Penetrometer Test Borings

For collection of depth-discrete groundwater samples, ERI will:

- Obtain the services of a licensed well driller and observe the advancement of off-site borings CPT7 through CPT12 using CPT equipment. The CPT borings will be advanced to a maximum depth of approximately 40 fbgs.

- Examine the CPT logs and identify the intervals which contain groundwater.

- Collect depth-discrete grab groundwater samples from water-bearing intervals using a Hydropunch® (or similar) sampling device in an adjacent borehole.

- Upon completion of sampling, fill the boreholes with cement/bentonite grout and restore the surface to match the surrounding ground conditions.

- Submit groundwater samples collected from the borings to a California state-certified analytical laboratory, under Chain-of-Custody protocol. Samples will be analyzed for TPHd and TPHg using EPA Method 8015B, and BTEX, oxygenated compounds (MTBE, TBA, TAME, ETBE, DIPE), and lead scavengers (1,2-DCA and 1 EDB) using EPA Method 8260B.

Task 5: Utility Trench Investigation

To determine if hydrocarbon-impacted groundwater is migrating along utility trenches in Coliseum Way, ERI proposes to uncover the known utilities at the two locations shown on Plate 1, and if groundwater is encountered in the trenches, collect grab groundwater samples. Known utilities include gas, electric, water, sewer, storm drain, and telephone. Groundwater samples will be submitted to a California state-certified analytical laboratory, under Chain-of-Custody protocol. Samples will be submitted for analysis for TPHd and TPHg using EPA Method 8015B, and BTEX, oxygenated compounds (MTBE, TBA, TAME, ETBE, and DIPE), and lead scavengers (1,2-DCA and 1,2-EDB) using EPA Method 8260B.

Task 6: Report Preparation and Submittal

After reviewing the results of the DP and CPT field work, ERI will prepare a report documenting the results. The report will include tabulated soil and groundwater analytical data, cross sections depicting soil stratigraphy, groundwater occurrence, analytical results, and ERI's conclusions and recommendations. If information from the utility trench investigation is available, it will be included in the report for the soil and groundwater investigation; otherwise it will be submitted under separate cover.

Task 7: Groundwater Monitoring Well Installation

Results of the DP and CPT borings will be used to plan the location and construction of additional downgradient monitoring wells. After reviewing the results of the DP and CPT borings and submittal of the report documenting the results, ERI will submit an addendum to this work plan, describing the exact location and construction details of the monitoring wells.

Task 8: Waste Disposal

Soil and rinsate water generated during the DP and CPT field work will be stored in 55-gallon metal drums at the station. ERI will collect one composite soil sample (four brass sleeves) from the drums for laboratory analysis. Upon receipt of the laboratory analytical results, ERI will evaluate disposal options and coordinate with Exxon Mobil for disposal of the soil and water at an appropriate disposal facility.

DOCUMENT DISTRIBUTION

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

Mr. Amir Gholami
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

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) 766-2026 with any questions regarding this Work Plan.

Sincerely,
Environmental Resolutions, Inc.

Paula Sime
Project Manager

SIGNED
IMAGED

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 2A:	Cumulative Soil Analytical Results
Table 2B	Additional Cumulative Soil Analytical Results
Table 3:	Well Construction Details
Table 4:	Grab Groundwater Analytical Results
Plate 1:	Generalized Site Plan
Plate 2:	Select Groundwater Analytical Results
Plate 3:	Utility Map
Attachment A:	Regulatory Correspondence
Attachment B:	Field Protocol

REFERENCES

AGS (Applied GeoSystems). May 13, 1987b. Transmittal of letter report No. 87042-1 for the First Phase Soil Contamination Evaluation at Exxon Service Station No. 7-3006 located at 720 High Street, Oakland, California. AGS, Fremont, California.

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AGS (Applied GeoSystems). January 30, 1990. Report of Limited Subsurface Environmental Investigation, Exxon Station No. 7-3006, 720 High Street, Oakland, California. AGS, Fremont, California.

AGS (Applied GeoSystems). May 21, 1991a. Report on Supplemental Subsurface Environmental Investigation, Exxon Station No. 7-3006, 720 High Street, Oakland, California. AGS, Fremont, California.

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EA (EA Engineering, Science, and Technology, Inc.). June 24, 1987. Letter report, Soil Vapor Contaminant Assessment, Exxon RS 7-3006, 720 High Street, Oakland, California. EA, Lafayette, California.

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TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Well ID	Sampling Date	TOC (fmsl)	DTW (fbgs)	GW Elev. (fmsl)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW1	01/20/94	12.87	9.25	3.62	NLPH	---	---	---	---	---	---	---	---
MW1	02/02/94	12.87	8.60	4.27	NLPH	70	<50	---	---	<0.5	<0.5	<0.5	0.7
MW1	03/10/94	12.87	8.31	4.56	NLPH	---	---	---	---	---	---	---	---
MW1	04/22/94	12.87	7.95	4.92	NLPH	---	---	---	---	---	---	---	---
MW1	05/10/94	12.87	7.48	5.39	NLPH	100	<50	---	---	<0.5	<0.5	<0.5	1.6
MW1	06/27/94	12.87	7.65	5.22	NLPH	---	---	---	---	---	---	---	---
MW1	08/31/94	12.87	9.39	3.48	NLPH	---	---	---	---	---	---	---	---
MW1	09/29/94	12.87	9.83	3.04	NLPH	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW1	10/25/94	12.87	10.19	2.68	NLPH	---	<50	<50	---	<0.5	<0.5	<0.5	<0.5
MW1	11/30/94	12.87	8.97	3.90	NLPH	---	---	---	---	---	---	---	---
MW1	12/27/94	12.87	7.44	5.43	NLPH	---	---	---	---	---	---	---	---
MW1	02/06/95	12.87	5.71	7.16	NLPH	---	<50	100	---	0.52	<0.5	<0.5	<0.5
MW1	06/07/95	12.87	7.62	5.25	NLPH	81	<50	3.5	---	<0.5	<0.5	<0.5	<0.5
MW1	09/18/95	12.87	10.02	2.85	NLPH	82	<50	6	---	<0.5	<0.5	<0.5	<0.5
MW1	11/01/95	12.87	10.74	2.13	NLPH	160	<50	8.9	---	<0.5	<0.5	<0.5	<0.5
MW1	02/14/96	12.87	7.81	5.06	NLPH	100	<50	7.8	---	<0.5	<0.5	<0.5	<0.5
MW1	06/19/96	12.87	7.47	5.40	NLPH	93	<50	7.1	---	<0.5	<0.5	<0.5	<0.5
MW1	09/24/96	12.87	10.42	2.45	NLPH	83	<50	9.5	---	<0.5	<0.5	<0.5	<0.5
MW1	12/11/96	12.87	8.50	4.37	NLPH	81	<50	7.2	---	<0.5	<0.5	<0.5	<0.5
MW1	03/19/97	12.87	9.14	3.73	NLPH	78	<50	6.4	---	<0.5	<0.5	<0.5	<0.5
MW1	06/04/97	12.87	9.82	3.05	NLPH	58	<50	6.0	---	<0.5	<0.5	<0.5	<0.5
MW1	09/02/97	12.87	10.26	2.61	NLPH	150	<50	5.4	---	<0.5	<0.5	<0.5	<0.5
MW1	12/02/97	12.87	9.32	3.55	NLPH	88	<50	5.1	---	<0.5	<0.5	<0.5	<0.5
MW1	03/24/98	12.87	6.44	6.43	NLPH	58	<50	5.6	---	<0.5	<0.5	<0.5	<0.5
MW1	06/23/98	12.87	9.23	3.64	NLPH	84	<50	3.8	---	<0.5	<0.5	<0.5	<0.5
MW1	09/29/98	12.87	9.91	2.96	NLPH	61	<50	2.6	---	<0.5	<0.5	<0.5	<0.5
MW1	12/30/98	12.87	9.21	3.66	NLPH	80	<50	4.1	---	<0.5	<0.5	<0.5	<0.5
MW1	03/24/99	12.87	5.53	7.34	NLPH	64.3	<50	4.95	---	<0.5	<0.5	<0.5	<0.5
MW1	06/22/99	12.87	7.39	5.48	NLPH	83.5	<50	3.70	---	<0.5	<0.5	<0.5	<0.5
MW1	09/29/99	12.87	8.90	3.97	NLPH	52.9	<50	4.81	---	<0.5	<0.5	<0.5	<0.5
MW1	12/21/99	12.87	8.94	3.93	NLPH	60	<50	10	---	<0.5	<0.5	<0.5	<0.5
MW1	03/21/00	12.87	5.34	7.53	NLPH	---	<50	4.5	---	<0.5	<0.5	<0.5	<0.5
MW1	03/30/01	12.87	5.29	7.58	NLPH	79	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW1	11/01/01	12.79	Well surveyed in compliance with AB 2886 requirements.										
MW1	03/11/02 k	12.79	5.39	7.40	NLPH	<50.0	116	110	160	1.10	<0.50	<0.50	<0.50
MW1	03/11/03	12.79	6.63	6.16	NLPH	<50	153	188	179	<0.5	<0.5	<0.5	<0.5
MW1	03/26/04	12.79	6.18	6.61	NLPH	74g	<50.0	---	171	<0.50	0.5	<0.5	<0.5
MW1	11/02/04	12.79	6.44	6.35	NLPH	75g	145	---	137	0.50	<0.5	<0.5	<0.5
MW1	02/04/05	12.79	5.01	7.78	NLPH	158g	132	---	120	<0.50	<0.5	<0.5	<0.5
MW1	05/02/05	12.79	4.66	8.13	NLPH	386g	131	---	138	<0.50	<0.5	<0.5	<0.5
MW1	08/01/05	12.79	5.51	7.28	NLPH	129g	89.8	---	98.4	0.70	<0.5	<0.5	<0.5
MW1	10/25/05	12.79	5.54	7.25	NLPH	<50.0	67.2	---	84.1	<0.50	<0.50	<0.50	<0.50
MW1	**01/24/06**	**12.79**	**4.07**	**8.72**	**NLPH**	**<50**	**71**	**---**	**91**	**<0.50**	**<0.50**	**<0.50**	**<0.50**

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Well ID	Sampling Date	TOC (fmsl)	DTW (fbgs)	GW Elev. (fmsl)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW2	01/20/94	12.98	—	—	— [NR]	—	—	—	—	—	—	—	—
MW2	02/02/94	12.98	—	—	— [NR]	—	—	—	—	—	—	—	—
MW2	03/10/94	12.98	6.96	6.02	[8 c.]	—	—	—	—	—	—	—	—
MW2	04/22/94	12.98	—	—	[10 c.]	—	—	—	—	—	—	—	—
MW2	05/10/94	12.98	—	—	[5 c.]	—	—	—	—	—	—	—	—
MW2	06/27/94	12.98	7.10	5.88	Sheen	—	—	—	—	—	—	—	—
MW2	08/31/94	12.98	8.58	4.40	Sheen	—	—	—	—	—	—	—	—
MW2	09/29/94	12.98	9.11	3.87	Sheen	—	—	—	—	—	—	—	—
MW2	10/25/94	12.98	7.76	5.22	Sheen	—	—	—	—	—	—	—	—
MW2	11/30/94	12.98	7.33	5.65	—	—	—	—	—	—	—	—	—
MW2	12/27/94	12.98	6.77	6.21	Sheen	—	—	—	—	—	—	—	—
MW2	02/06/95	12.98	5.00	7.98	Sheen	—	—	—	—	—	—	—	—
MW2	06/07/95	12.98	7.14	5.84	Sheen	—	—	—	—	—	—	—	—
MW2	09/18/95	12.98	10.82	2.16	Sheen	—	—	—	—	—	—	—	—
MW2	11/01/95	12.98	11.65	1.33	Sheen	—	—	—	—	—	—	—	—
MW2	02/14/96	12.98	8.39	4.59	Sheen	—	—	—	—	—	—	—	—
MW2	06/19/96	12.98	6.55	6.43	Sheen	—	—	—	—	—	—	—	—
MW2	09/24/96	12.98	11.56	1.42	Sheen	—	—	—	—	—	—	—	—
MW2	12/11/96	12.98	8.02	4.96	Sheen	—	—	—	—	—	—	—	—
MW2	03/19/97	12.98	8.63	4.35	Sheen	—	—	—	—	—	—	—	—
MW2	06/04/97	12.98	10.57	2.41	Sheen	—	—	—	—	—	—	—	—
MW2	09/02/97	12.98	11.51	1.47	Sheen	—	—	—	—	—	—	—	—
MW2	12/02/97	12.98	11.24	1.74	NLPH	820	1,400	57	—	15	2.8	8.6	<2.5
MW2	03/27/98	12.98	6.06	6.92	NLPH	2,000	7,400	<50	—	1,400	350	490	1,500
MW2	06/23/98	12.98	11.06	1.92	Sheen	2,900	180	9.5	—	3.2	0.55	0.92	1.3
MW2	09/29/98	12.98	10.51	2.47	NLPH	180	290	9.3	—	<0.50	0.65	1.5	1.5
MW2	12/30/98	12.98	9.83	3.15	NLPH	700	520	16	—	17	0.96	2.6	3.5
MW2	03/24/99	12.98	4.47	8.51	NLPH	1,440	14,000	<40	—	1,300	336	786	3,420
MW2	06/22/99	12.98	6.42	6.56	NLPH	2,310	1,080	25.2	—	54.3	14.9	38.8	107
MW2	09/29/99	12.98	8.00	4.98	NLPH	2,720e	517	15.4	—	37.5	7.48	12.9	15.2
MW2	12/21/99	12.98	8.10	4.88	NLPH	6,300	3,200	<2	—	360	5.5	120	106
MW2	03/21/00 h	12.98	—	—	—	—	—	—	—	—	—	—	—
MW2	03/30/01	12.98	3.09	9.89	NLPH	510	200	—	110	7.2	<0.5	2.4	2.1
MW2	11/01/01	13.06	Well surveyed in compliance with AB 2886 requirements.										
MW2	03/11/02 k	13.06	3.78	9.28	NLPH	293	<1,000	62.0	30	<10.0	<10.0	<10.0	<10.0
MW2	03/11/03	13.06	5.49	7.57	NLPH	422	1,490	325	428	279	3.0	9.8	18.9
MW2	03/27/04	13.06	4.65	8.41	NLPH	184g	254	—	131	6.80	0.5	<0.5	1.2
MW2	11/02/04	13.06	4.43	8.63	NLPH	96	52.0	—	8.00	1.40	<0.5	<0.5	<0.5
MW2	02/04/05	13.06	3.32	9.74	NLPH	372g	66.0	—	8.30	<0.50	<0.5	<0.5	<0.5
MW2	05/02/05	13.06	2.74	10.32	NLPH	195g	84.2	—	5.30	<0.50	<0.5	<0.5	<0.5
MW2	08/01/05	13.06	2.99	10.07	NLPH	344g	<50.0	—	1.70	0.60	<0.5	<0.5	<0.5

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Well ID	Sampling Date	TOC (fmsl)	DTW (fbgs)	GW Elev. (fmsl)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW2	10/25/05	13.06	2.08	10.98	NLPH	55.3g	<50.0	---	1.22	<0.50	<0.50	<0.50	<0.50
MW2	**01/24/06**	**13.06**	**2.77**	**10.29**	**NLPH**	**170g**	**<50**	**---**	**1.6**	**<0.50**	**<0.50**	**<0.50**	**<0.50**
MW3	01/20/94	12.92	8.24	4.68	Sheen	---	---	---	---	---	---	---	---
MW3	02/02/94	12.92	7.68	5.24	Sheen	---	---	---	---	---	---	---	---
MW3	03/10/94	12.92	7.24	5.68	Sheen	---	---	---	---	---	---	---	---
MW3	04/22/94	12.92	6.79	6.13	Sheen	---	---	---	---	---	---	---	---
MW3	05/10/94	12.92	6.43	6.49	Sheen	---	---	---	---	---	---	---	---
MW3	06/27/94	12.92	6.97	5.95	0.01 [NR]	---	---	---	---	---	---	---	---
MW3	08/31/94	12.92	8.41	4.51	Sheen	---	---	---	---	---	---	---	---
MW3	09/29/94	12.92	8.97	3.95	Sheen	---	---	---	---	---	---	---	---
MW3	10/25/94	12.92	9.43	3.49	Sheen	---	---	---	---	---	---	---	---
MW3	11/28/94	12.92	7.19	5.73	---	---	---	---	---	---	---	---	---
MW3	12/27/94	12.92	6.64	6.28	Sheen	---	---	---	---	---	---	---	---
MW3	02/06/95	12.92	4.87	8.05	Sheen	---	---	---	---	---	---	---	---
MW3	06/07/95	12.92	7.05	5.87	Sheen	---	---	---	---	---	---	---	---
MW3	09/18/95	12.92	10.61	2.31	Sheen	---	---	---	---	---	---	---	---
MW3	11/01/95	12.92	11.58	1.34	Sheen	---	---	---	---	---	---	---	---
MW3	02/14/96	12.92	8.34	4.58	Sheen	---	---	---	---	---	---	---	---
MW3	06/19/96	12.92	6.35	6.57	Sheen	---	---	---	---	---	---	---	---
MW3	09/24/96	12.92	11.45	1.47	Sheen	---	---	---	---	---	---	---	---
MW3	12/11/96	12.92	7.89	5.03	NLPH	17,000	4,600	30	---	340	<5.0	8.2	20
MW3	03/19/97	12.92	9.83	3.09	NLPH	3,000	1,900	80	---	160	11	5.6	10
MW3	06/04/97	12.92	10.43	2.49	NLPH	8,000	920	11	---	15	2.8	2.4	<2.0
MW3	09/02/97	12.92	12.45	0.47	Sheen	---	---	---	---	---	---	---	---
MW3	12/02/97	12.92	11.21	1.71	NLPH	6,700	920	21	---	10	2.1	<1.0	2.7
MW3	03/24/98	12.92	5.93	6.99	NLPH	4,600	1,500	25	---	5,500	<5.0	<5.0	<5.0
MW3	06/23/98	12.92	11.13	1.79	NLPH	39,000	1,300	9.4	---	53	<1.0	<1.0	<1.0
MW3	09/29/98	12.92	10.46	2.46	Sheen	2,600	540	<5.0	---	6.8	1.9	1.4	2.3
MW3	12/30/98	12.92	9.72	3.20	NLPH	11,000	4,000	<50	---	74	<10	<10	<10
MW3	03/24/99	12.92	4.36	8.56	Sheen	3,850	2,330	<20	---	<5.0	<5.0	<5.0	<5.0
MW3	06/22/99	12.92	6.22	6.70	NLPH	6,860	1,470	<10	---	492	<2.5	<2.5	<2.5
MW3	09/29/99	12.92	8.10	4.82	NLPH	2,290e	315	<5.0	---	11.5	3.07	<1.0	2.54
MW3	12/21/99	12.92	7.99	4.93	NLPH	37,000	6,600	4	---	22	5	5.1	31.4
MW3	01/26/00	12.92	5.48	7.44	NLPH	2,600g	---	---	---	---	---	---	---
MW3	03/21/00 h	12.92	---	---	---	---	---	---	---	---	---	---	---
MW3	03/30/01	12.92	4.02	8.90	NLPH	2,000	880	---	300	130	<0.5	1.2	2.4
MW3	11/01/01	13.71	Well surveyed in compliance with AB 2886 requirements.										
MW3	03/11/02 k	13.71	4.72	8.99	NLPH	19,100	<2,500	130	175	165	<25.0	<25.0	<25.0
MW3	03/11/03	13.71	6.23	7.48	NLPH	1,190	887	122	119	71.9	0.8	1.1	2.0
MW3	03/26/04	13.71	5.47	8.24	NLPH	16,500g	1,350	---	98.4	30.8	1.6	<0.5	3.8
MW3	11/02/04	13.71	5.30	8.41	NLPH	3,620g	466	---	30.8	32.4	<0.5	<0.5	4.7
MW3	02/04/05	13.71	4.14	9.57	NLPH	2,850g	531	---	22.7	19.3	<0.5	0.6	1.6

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Well ID	Sampling Date	TOC (fmsl)	DTW (fbgs)	GW Elev. (fmsl)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW3	05/02/05	13.71	3.41	10.30	NLPH	3940g	586	---	29.5	36.3	3.1	0.8	4.3
MW3	08/01/05	13.71	3.88	9.83	NLPH	1,550	815	---	18.1	36.6	0.6	1.1	2.4
MW3	10/25/05	13.71	3.11	10.60	NLPH	4,010g	379	---	3.47	<0.50	<0.50	<0.50	1.01
MW3	**01/24/06**	**13.71**	**2.69**	**11.02**	**NLPH**	**2,200g**	**510**	**---**	**13**	**35**	**<1.0**	**2.1**	**<1.0**
MW4	01/20/94	12.77	---	---	--- [NR]	---	---	---	---	---	---	---	---
MW4	02/02/94	12.77	---	---	--- [1 c.]	---	---	---	---	---	---	---	---
MW4	03/10/94	12.77	7.12	5.65	[8 c.]	---	---	---	---	---	---	---	---
MW4	04/22/94	12.77	---	---	[10 c.]	---	---	---	---	---	---	---	---
MW4	05/10/94	12.77	---	---	[5 c.]	---	---	---	---	---	---	---	---
MW4	06/27/94	12.77	6.50	6.27	0.01 [NR]	---	---	---	---	---	---	---	---
MW4	08/31/94	12.77	7.84	4.93	0.02 [NR]	---	---	---	---	---	---	---	---
MW4	09/29/94	12.77	8.43	4.34	0.03 [NR]	---	---	---	---	---	---	---	---
MW4	10/25/94	12.77	9.24	3.53	Sheen	---	---	---	---	---	---	---	---
MW4	11/30/94	12.77	6.77	6.00	---	---	---	---	---	---	---	---	---
MW4	12/27/94	12.77	6.14	6.63	Sheen	---	---	---	---	---	---	---	---
MW4	02/06/95	12.77	4.87	7.90	Sheen	---	---	---	---	---	---	---	---
MW4	06/07/95	12.77	6.91	5.86	Sheen	---	---	---	---	---	---	---	---
MW4	09/18/95	12.77	9.59	3.18	Sheen	---	---	---	---	---	---	---	---
MW4	11/01/95	12.77	11.52	1.25	Sheen	---	---	---	---	---	---	---	---
MW4	02/14/96	12.77	8.56	4.21	Sheen	---	---	---	---	---	---	---	---
MW4	06/19/96	12.77	6.09	6.68	Sheen	---	---	---	---	---	---	---	---
MW4	09/24/96	12.77	10.20	2.57	Sheen	---	---	---	---	---	---	---	---
MW4	12/11/96	12.77	7.78	4.99	Sheen	---	---	---	---	---	---	---	---
MW4	03/19/97	12.77	8.56	4.21	Sheen	---	---	---	---	---	---	---	---
MW4	06/04/97	12.77	9.31	3.46	Sheen	---	---	---	---	---	---	---	---
MW4	09/02/97	12.77	10.00	2.77	Sheen	---	---	---	---	---	---	---	---
MW4	12/02/97	12.77	8.72	4.05	NLPH	15,000	1,500	50	---	<2.5	9.7	3.0	10
MW4	03/24/98	12.77	5.79	6.98	NLPH	6,400	540	38	---	<0.5	4.4	1.6	5.4
MW4	06/23/98	12.77	8.50	4.27	Sheen	7,500	1,000	25	---	3.3	<2.0	<2.0	<2.0
MW4	09/29/98	12.77	9.77	3.00	Sheen	65,000	7,300	<50	---	<10	<10	<10	<10
MW4	12/30/98	12.77	8.54	4.23	Sheen	12,000	1,000	170	---	3.8	5.1	<2.5	4.1
MW4	03/24/99	12.77	4.41	8.36	Sheen	20,500	1,300	4.40	---	2.64	<1.0	<1.0	<1.0
MW4	06/22/99	12.77	5.71	7.06	NLPH	9,760	1,470	<10	---	404	<2.5	<2.5	<2.5
MW4	09/29/99	12.77	7.32	5.45	NLPH	2,470f	589c	8.12	---	12.6	<1.0	<1.0	<1.0
MW4	12/21/99	12.77	7.58	5.19	NLPH	230,000	2,000	<2	---	<0.5	0.56	1.9	18.6
MW4	01/26/00	12.77	5.85	6.92	NLPH	3,200g	---	---	---	---	---	---	---
MW4	03/21/00	12.77	3.58	9.19	NLPH	5,900	270	13	---	6.8	0.83	<0.5	3.6
MW4	03/30/01 - present	Well covered by asphalt.											
MW5	07/18/89	Well Destroyed.											

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Well ID	Sampling Date	TOC (fmsl)	DTW (fbgs)	GW Elev. (fmsl)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW6	01/20/94	14.27	---	---	--- [NR]	---	---	---	---	---	---	---	---
MW6	02/02/94	14.27	---	---	--- [NR]	---	---	---	---	---	---	---	---
MW6	03/10/94	14.27	7.82	6.45	[¼ c.]	---	---	---	---	---	---	---	---
MW6	04/22/94	14.27	---	---	[10 c.]	---	---	---	---	---	---	---	---
MW6	05/10/94	14.27	---	---	[3 c.]	---	---	---	---	---	---	---	---
MW6	06/27/94	14.27	7.77	6.50	Sheen	---	---	---	---	---	---	---	---
MW6	08/31/94	14.27	9.02	5.25	Sheen	---	---	---	---	---	---	---	---
MW6	09/29/94	14.27	9.51	4.76	Sheen	---	---	---	---	---	---	---	---
MW6	10/25/94	14.27	9.93	4.34	Sheen	---	---	---	---	---	---	---	---
MW6	11/30/94	14.27	8.05	6.22	---	---	---	---	---	---	---	---	---
MW6	12/27/94	14.27	7.54	6.73	---	---	---	---	---	---	---	---	---
MW6	02/06/95	14.27	5.86	8.41	Sheen	---	---	---	---	---	---	---	---
MW6	06/07/95	14.27	8.07	6.20	Sheen	---	---	---	---	---	---	---	---
MW6	09/18/95	14.27	10.54	3.73	Sheen	---	---	---	---	---	---	---	---
MW6	11/01/95	14.27	11.41	2.86	Sheen	---	---	---	---	---	---	---	---
MW6	02/14/96	14.27	9.17	5.10	Sheen	---	---	---	---	---	---	---	---
MW6	06/19/96	14.27	7.13	7.14	Sheen	---	---	---	---	---	---	---	---
MW6	09/24/96	14.27	11.24	3.03	Sheen	---	---	---	---	---	---	---	---
MW6	12/11/96	14.27	9.20	5.07	NLPH	2,900	9,100	<100	---	2,100	22	160	260
MW6	03/19/97	14.27	10.14	4.13	NLPH	3,800	24,000	250	---	5,800	91	1,300	1,900
MW6	06/04/97	14.27	10.58	3.69	NLPH	3,300	20,000	270	---	4,400	<50	540	480
MW6	09/02/97	14.27	11.02	3.25	NLPH	2,100	8,100	<25	---	1,800	<25	140	170
MW6	12/02/97	14.27	10.45	3.82	NLPH	2,300	6,800	<100	---	1,100	<20	77	74
MW6	03/24/98	14.27	7.09	7.18	NLPH	3,800	20,000	<250	---	4,300	<50	2,200	1,500
MW6	06/23/98	14.27	9.79	4.48	Sheen	4,100	19,000	<500	---	3,400	<100	1,800	1,100
MW6	09/29/98	14.27	10.56	3.71	NLPH	2,300	8,600	<100	---	2,100	25	300	260
MW6	12/30/98	14.27	9.97	4.30	NLPH	2,700	6,800	<125	---	1,600	<25	84	200
MW6	03/24/99	14.27	5.02	9.25	Sheen	2,670	12,600	<20	---	3,380	16.5	221	190
MW6	06/22/99	14.27	6.91	7.36	NLPH	5,670	6,720	<40	---	2,400	<10	767	14.4
MW6	09/29/99	14.27	8.66	5.61	NLPH	1,370f	6,310d	<250	---	<25	<25	133	<25
MW6	12/21/99	14.27	8.57	5.70	NLPH	2,300	3,800	12	---	890	3.3	94	95
MW6	03/21/00 h	14.27	---	---	---	---	---	---	---	---	---	---	---
MW6	03/30/01	14.27	3.66	10.61	NLPH	2,000	9,200	---	<5	3,100	9.1	130	31
MW6	11/01/01	14.23	Well surveyed in compliance with AB 2886 requirements.										
MW6	03/11/02 k	14.23	4.55	9.68	NLPH	1,460	7,660	45.0	<5.0	2,200	25.0 j	410	285
MW6	03/11/03	14.23	5.79	8.44	NLPH	1,100	5,120	15.7	1.80	920	3.2	36	19.4
MW6	03/26/04	14.23	5.22	9.01	NLPH	596g	5,090	---	0.70	1,130	14.7	164	62.9
MW6	11/02/04	14.23	4.84	9.39	NLPH	1,000g	4,320	---	<0.50	793	3.6	178	53.0
MW6	02/04/05	14.23	3.83	10.40	NLPH	1,410g	3,950	---	<0.50	1,210	9.4	110	22.6
MW6	05/02/05	14.23	3.18	11.05	NLPH	852g	4,900	---	<0.50	755	6.6	189	20.9
MW6	08/01/05	14.23	3.92	10.31	NLPH	1,290g	3,320	---	1.20	597	5.1	64.7	47.5
MW6	10/25/05	14.23	3.93	10.30	NLPH	861g	2,870	---	1.48	496	4.24	63.5	35.9
MW6	**01/24/06**	**14.23**	**2.81**	**11.42**	**NLPH**	**570g**	**4,000**	**---**	**<5.0**	**590**	**<25**	**51**	**<25**

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Well ID	Sampling Date	TOC (fmsl)	DTW (fbgs)	GW Elev. (fmsl)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW7	01/20/94	14.84	8.67	6.17	NLPH	---	---	---	---	---	---	---	---
MW7	02/02/94	14.84	8.47	6.37	NLPH	---	---	---	---	---	---	---	---
MW7	02/03/94	14.84	---	---	---	1,300	2,900	---	---	79	5	8.2	21
MW7	03/10/94	14.84	8.24	6.60	NLPH	---	---	---	---	---	---	---	---
MW7	04/22/94	14.84	7.95	6.89	NLPH	---	---	---	---	---	---	---	---
MW7	05/10/94	14.84	7.53	7.31	NLPH	---	---	---	---	---	---	---	---
MW7	05/11/94	14.84	---	---	---	1,300	2,400	---	---	88	5.6	5.2	15
MW7	06/27/94	14.84	8.01	6.83	NLPH	---	---	---	---	---	---	---	---
MW7	08/31/94	14.84	9.19	5.65	NLPH	---	---	---	---	---	---	---	---
MW7	09/29/94	14.84	9.65	5.19	NLPH	56	1,900	---	---	71	3.1	3.5	7.8
MW7	10/25/94	14.84	9.96	4.88	NLPH	89	1,400	---	---	51	1.5	24	6.8
MW7	11/30/94	14.84	7.78	7.06	---	---	---	---	---	---	---	---	---
MW7	12/27/94	14.84	7.51	7.33	---	---	---	---	---	---	---	---	---
MW7	02/06/95	14.84	5.79	9.05	NLPH	1,300	2,500	---	---	130	<10	<10	<10
MW7	06/07/95	14.84	7.73	7.11	NLPH	1,200	2,400	39	---	91	5	7.6	14
MW7	09/18/95	14.84	9.81	5.03	NLPH	1,100	1,800	<25	---	17	<5.0	<5.0	<5.0
MW7	11/01/95	14.84	10.56	4.28	NLPH	1,700	3,000	<13	---	2.7	11	25	<2.5
MW7	02/14/96	14.84	8.04	6.80	NLPH	1,200	1,900	<25	---	59	<5.0	<5.0	<5.0
MW7	06/19/96	14.84	7.33	7.51	NLPH	1,400	2,000	<25	---	96	<5.0	<5.0	5.6
MW7	09/24/96	14.84	10.10	4.74	NLPH	1,100	950	<25	---	6.8	<5.0	<5.0	<5.0
MW7	12/11/96	14.84	8.50	6.34	NLPH	1,600	2,500	<10	---	50	<2.0	6.4	30
MW7	03/19/97	14.84	8.88	5.96	NLPH	840	2,700	<25	---	61	8.0	21	68
MW7	06/04/97	14.84	9.38	5.46	NLPH	1,000	1,900	<2.5	---	45	<2.0	5.3	13
MW7	09/02/97	14.84	9.69	5.15	NLPH	790	1,700	<2.5	---	28	2.2	<2.0	5.9
MW7	12/02/97	14.84	8.65	6.19	NLPH	1,100	2,000	14	---	33	2.2	2.0	5.8
MW7	03/24/98	14.84	6.40	8.44	NLPH	950	2,300	<25	---	73	<5.0	<5.0	22
MW7	06/23/98	14.84	8.34	6.50	NLPH	1,600	4,700	140	---	50	<5.0	12	20
MW7	09/29/98	14.84	9.76	5.08	NLPH	630	700	<5.0	---	2.7	1.3	2.4	5.3
MW7	12/30/98	14.84	8.86	5.98	NLPH	1,700	1,400	<5.0	---	17	7.7	2.8	16
MW7	03/24/99	14.84	5.48	9.36	Sheen	860	1,740	6.73	---	59.2	2.76	4.33	15.1
MW7	06/22/99	14.84	6.54	8.30	NLPH	5,330	3,250	<4.0	---	59.5	3.96	2.89	6.38
MW7	09/29/99	14.84	8.45	6.39	NLPH	1,750f	1,360c,d	<25	---	3.07	<2.5	5.02	6.32
MW7	12/21/99	14.84	8.39	6.45	NLPH	4,600	2,900	<2	---	47	2	1.7	8.53
MW7	03/21/00	14.84	4.72	10.12	NLPH	1,500	760	<2	---	43	2	2.2	10.8
MW7	12/21/00	Well destroyed.											
MW8	01/20/94	13.45	8.90	4.55	Sheen	---	---	---	---	---	---	---	---
MW8	02/02/94	13.45	8.58	4.87	Sheen	---	---	---	---	---	---	---	---
MW8	03/10/94	13.45	7.16	6.29	Sheen	---	---	---	---	---	---	---	---
MW8	04/22/94	13.45	7.34	6.11	Sheen	---	---	---	---	---	---	---	---
MW8	05/10/94	13.45	7.04	6.41	Sheen	---	---	---	---	---	---	---	---
MW8	06/27/94	13.45	6.01	7.44	Sheen	---	---	---	---	---	---	---	---

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Well ID	Sampling Date	TOC (fmsl)	DTW (fbgs)	GW Elev. (fmsl)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW8	08/31/94	13.45	9.26	4.19	Sheen	---	---	---	---	---	---	---	---
MW8	09/29/94	13.45	9.76	3.69	Sheen	---	---	---	---	---	---	---	---
MW8	10/25/94	13.45	10.05	3.40	Sheen	---	---	---	---	---	---	---	---
MW8	11/30/94	13.45	7.68	5.77	---	---	---	---	---	---	---	---	---
MW8	12/27/94	13.45	7.11	6.34	Sheen	---	---	---	---	---	---	---	---
MW8	02/06/95	13.45	5.39	8.06	Sheen	---	---	---	---	---	---	---	---
MW8	06/07/95	13.45	7.53	5.92	Sheen	---	---	---	---	---	---	---	---
MW8	09/18/95	13.45	9.84	3.61	Sheen	---	---	---	---	---	---	---	---
MW8	11/01/95	13.45	10.47	2.98	Sheen	---	---	---	---	---	---	---	---
MW8	02/14/96	13.45	8.27	5.18	Sheen	---	---	---	---	---	---	---	---
MW8	06/19/96	13.45	6.88	6.57	Sheen	---	---	---	---	---	---	---	---
MW8	09/24/96	13.45	10.13	3.32	Sheen	---	---	---	---	---	---	---	---
MW8	12/11/96	13.45	8.53	4.92	Sheen	---	---	---	---	---	---	---	---
MW8	03/19/97	13.45	9.09	4.36	Sheen	---	---	---	---	---	---	---	---
MW8	06/04/97	13.45	9.52	3.93	Sheen	---	---	---	---	---	---	---	---
MW8	09/02/97	13.45	9.72	3.73	NLPH	8,000	20,000	<50	---	57	<50	850	660
MW8	12/02/97	13.45	8.83	4.62	NLPH	2,700	6,900	130	---	83	<10	<10	100
MW8	03/24/98	13.45	6.52	6.93	NLPH	2,900	10,000	<125	---	190	<25	470	330
MW8	06/23/98	13.45	9.02	4.43	NLPH	3,700	10,000	<50	---	140	<10	460	260
MW8	09/29/98	13.45	9.72	3.73	NLPH	3,600	12,000	130	---	46	<10	340	190
MW8	12/30/98	13.45	9.06	4.39	NLPH	3,000	11,000	140	---	170	<25	230	160
MW8	03/24/99	13.45	5.21	8.24	Sheen	2,250	13,000	22.6	---	336	53.2	415	326
MW8	06/22/99	13.45	6.51	6.94	Sheen	4,010	13,000	64.9	---	174	<5.0	186	13.1
MW8	09/29/99	13.45	8.22	5.23	NLPH	2,170f	5,420	<25	---	20.4	<5.0	<5.0	38.5
MW8	12/21/99	13.45	8.41	5.04	NLPH	2,100	4,700	<2	---	190	15	160	68.2
MW8	03/21/00	13.45	4.47	8.98	NLPH	---	6,300	270	---	380	12	260	86
MW8	12/21/00	Well destroyed.											
MW9	01/20/94	14.64	---	---	---	---	---	---	---	---	---	---	---
MW9	02/02/94	14.64	---	---	---	---	---	---	---	---	---	---	---
MW9	03/10/94	14.64	6.90	7.74	NLPH	---	---	---	---	---	---	---	---
MW9	04/22/94	14.64	7.38	7.26	NLPH	---	---	---	---	---	---	---	---
MW9	05/10/94	14.64	6.96	7.68	NLPH	---	---	---	---	---	---	---	---
MW9	06/27/94	14.64	7.65	6.99	NLPH	---	---	---	---	---	---	---	---
MW9	08/31/94	14.64	8.87	5.77	NLPH	---	---	---	---	---	---	---	---
MW9	09/29/94	14.64	9.19	5.45	NLPH	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	10/25/94	14.64	9.66	4.98	NLPH	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	11/30/94	14.64	8.38	6.26	---	---	---	---	---	---	---	---	---
MW9	12/27/94	14.64	7.29	7.35	NLPH	---	---	---	---	---	---	---	---
MW9	02/06/95	14.64	5.74	8.90	NLPH	56	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	06/07/95	14.64	8.33	6.31	NLPH	72	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW9	09/18/95	14.64	9.28	5.36	NLPH	60	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW9	11/01/95	14.64	10.09	4.55	NLPH	61	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Well ID	Sampling Date	TOC (fmsl)	DTW (fbgs)	GW Elev. (fmsl)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW9	02/14/96	14.64	6.26	8.38	NLPH	83	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
MW9	06/19/96	14.64	6.68	7.96	NLPH	68	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
MW9	09/24/96	14.64	9.72	4.92	NLPH	<50	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
MW9	12/11/96	14.64	8.11	6.53	NLPH	91	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
MW9	03/19/97	14.64	7.72	6.92	NLPH	140	<50	<2.5	—	0.83	<0.5	<0.5	<0.5
MW9	06/04/97	14.64	8.87	5.77	NLPH	<50	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
MW9	09/02/97	14.64	9.44	5.20	NLPH	140	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
MW9	12/02/97	14.64	8.43	6.21	NLPH	71	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
MW9	03/24/98	14.64	5.84	8.80	NLPH	62	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
MW9	06/23/98	14.64	7.81	6.83	NLPH	69	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
MW9	09/29/98	14.64	9.26	5.38	NLPH	52	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
MW9	12/30/98	14.64	8.28	6.36	NLPH	74	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
MW9	03/24/99	14.64	4.74	9.90	NLPH	71.1	b	b	—	b	b	b	b
MW9	06/22/99	14.64	—	—	—	—	—	—	—	—	—	—	—
MW9	09/29/99	14.64	8.41	6.23	NLPH	—	—	—	—	—	—	—	—
MW9	12/21/99	14.64	8.20	6.44	NLPH	—	—	—	—	—	—	—	—
MW9	03/21/00	14.64	4.59	10.05	NLPH	—	—	—	—	—	—	—	—
MW9	12/21/00	Well destroyed.											
MW10	01/20/94	14.05	8.40	5.65	NLPH	—	—	—	—	—	—	—	—
MW10	02/02/94	14.05	8.00	6.05	NLPH	—	—	—	—	—	—	—	—
MW10	02/03/94	14.05	—	—	—	<50	<50	—	—	<0.5	1	<0.5	1.8
MW10	03/10/94	14.05	7.56	6.49	NLPH	—	—	—	—	—	—	—	—
MW10	04/22/94	14.05	7.35	6.70	NLPH	—	—	—	—	—	—	—	—
MW10	05/10/94	14.05	7.06	6.99	NLPH	—	—	—	—	—	—	—	—
MW10	05/11/94	14.05	—	—	—	<50	<50	—	—	<0.5	<0.5	<0.5	<0.5
MW10	06/27/94	14.05	7.59	6.46	NLPH	—	—	—	—	—	—	—	—
MW10	08/31/94	14.05	8.73	5.32	NLPH	—	—	—	—	—	—	—	—
MW10	09/29/94	14.05	9.07	4.98	NLPH	<50	<50	—	—	<0.5	<0.5	<0.5	<0.5
MW10	10/25/94	14.05	9.41	4.64	NLPH	<50	<50	—	—	<0.5	<0.5	<0.5	<0.5
MW10	11/30/94	14.05	7.62	6.43	—	—	—	—	—	—	—	—	—
MW10	12/27/94	14.05	7.01	7.04	NLPH	—	—	—	—	—	—	—	—
MW10	02/06/95	14.05	5.60	8.45	NLPH	—	<50	<50	—	<0.5	<0.5	<0.5	<0.5
MW10	06/07/95	14.05	7.12	6.93	NLPH	<50	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
MW10	09/18/95	14.05	8.54	5.51	NLPH	<50	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
MW10	11/01/95	14.05	9.44	4.61	NLPH	<50	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
MW10	02/14/96	14.05	9.36	4.69	NLPH	64	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
MW10	06/19/96	14.05	7.32	6.73	NLPH	<50	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
MW10	09/24/96	14.05	9.07	4.98	NLPH	<50	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
MW10	12/11/96	14.05	7.73	6.32	NLPH	67	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
MW10	03/19/97	14.05	7.62	6.43	NLPH	51	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
MW10	06/04/97	14.05	8.38	5.67	NLPH	<50	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
MW10	09/02/97	14.05	8.64	5.41	NLPH	120	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Well ID	Sampling Date	TOC (fmsl)	DTW (fbgs)	GW Elev. (fmsl)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW10	12/02/97	14.05	7.22	6.83	NLPH	<50	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW10	03/24/98	14.05	5.71	8.34	NLPH	<50	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW10	06/23/98	14.05	7.23	6.82	NLPH	90	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW10	09/29/98	14.05	8.39	5.66	NLPH	<50	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW10	12/30/98	14.05	7.74	6.31	NLPH	58	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW10	03/24/99	14.05	4.74	9.31	NLPH	<50	<50	<2.0	---	<0.5	<0.5	<0.5	<0.5
MW10	06/22/99	14.05	---	---	---	---	---	---	---	---	---	---	---
MW10	09/29/99	14.05	8.17	5.88	NLPH	---	---	---	---	---	---	---	---
MW10	12/21/99	14.05	7.87	6.18	NLPH	---	---	---	---	---	---	---	---
MW10	12/21/00	Well destroyed.											
MW11	01/20/94	13.55	9.61	3.94	NLPH	---	---	---	---	---	---	---	---
MW11	02/02/94	13.55	9.56	3.99	NLPH	---	---	---	---	---	---	---	---
MW11	02/03/94	13.55	---	---	---	160	<50	---	---	<0.5	1	<0.5	0.9
MW11	03/10/94	13.55	8.59	4.96	NLPH	---	---	---	---	---	---	---	---
MW11	04/22/94	13.55	8.47	5.08	NLPH	---	---	---	---	---	---	---	---
MW11	05/10/94	13.55	8.12	5.43	NLPH	1002	<50	---	---	<0.53	<0.5	<0.5	3.2
MW11	06/27/94	13.55	8.65	4.90	NLPH	---	---	---	---	---	---	---	---
MW11	08/31/94	13.55	9.80	3.75	NLPH	---	---	---	---	---	---	---	---
MW11	09/29/94	13.55	10.16	3.39	NLPH	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW11	10/25/94	13.55	10.48	3.07	NLPH	<50	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW11	11/30/94	13.55	8.55	5.00	---	---	---	---	---	---	---	---	---
MW11	12/27/94	13.55	7.98	5.57	NLPH	---	---	---	---	---	---	---	---
MW11	02/06/95	13.55	6.49	7.06	NLPH	160	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW11	06/07/95	13.55	7.98	5.57	NLPH	50	<50	42	---	<0.5	<0.5	<0.5	<0.5
MW11	09/18/95	13.55	10.12	3.43	NLPH	56	<50	32	---	<0.5	<0.5	<0.5	<0.5
MW11	11/01/95	13.55	10.75	2.80	NLPH	170	<50	35	---	<0.5	<0.5	<0.5	<0.5
MW11	02/14/96	13.55	8.03	5.52	NLPH	76	<50	37	---	<0.5	<0.5	<0.5	<0.5
MW11	06/19/96	13.55	7.85	5.70	NLPH	92	<50	33	---	<0.5	<0.5	<0.5	<0.5
MW11	09/24/96	13.55	10.45	3.10	NLPH	58	<50	40	---	<0.5	<0.5	<0.5	<0.5
MW11	12/11/96	13.55	9.02	4.53	NLPH	110	<50	10	---	<0.5	<0.5	<0.5	<0.5
MW11	03/19/97	13.55	9.16	4.39	NLPH	100	<50	6.9	---	<0.5	<0.5	<0.5	<0.5
MW11	06/04/97	13.55	9.91	3.64	NLPH	<50	<50	5.6	---	<0.5	<0.5	<0.5	<0.5
MW11	09/02/97	13.55	10.25	3.30	NLPH	150	<50	4.5	---	<0.5	<0.5	<0.5	<0.5
MW11	12/02/97	13.55	9.33	4.22	NLPH	70	<50	5.8	---	<0.5	<0.5	<0.5	<0.5
MW11	03/24/98	13.55	6.77	6.78	NLPH	<50	<50	4.1	---	<0.5	<0.5	<0.5	<0.5
MW11	06/23/98	13.55	8.99	4.56	NLPH	70	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW11	09/29/98	13.55	9.89	3.66	NLPH	76	<50	7.7	---	<0.5	<0.5	<0.5	<0.5
MW11	12/30/98	13.55	9.17	4.38	NLPH	71	<50	3.5	---	<0.5	<0.5	<0.5	<0.5
MW11	03/24/99	13.55	5.79	7.76	NLPH	58.2	<50	4.51	---	<0.5	1.20	<0.5	<0.5
MW11	06/22/99	13.55	---	---	---	---	---	---	---	---	---	---	---
MW11	09/29/99	13.55	9.14	4.41	NLPH	---	---	---	---	---	---	---	---
MW11	12/21/99	13.55	9.01	4.54	NLPH	---	---	---	---	---	---	---	---

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Well ID	Sampling Date	TOC (fmsl)	DTW (fbgs)	GW Elev. (fmsl)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW11	03/21/00	13.55	5.68	7.87	NLPH	---	---	---	---	---	---	---	---
MW11	12/21/00	Well destroyed.											
MW12	01/20/94	12.61	7.81	4.80	NLPH	---	---	---	---	---	---	---	---
MW12	02/02/94	12.61	7.22	5.39	NLPH	18,000	48,000	---	---	4,000	2,700	2,900	9,900
MW12	03/10/94	12.61	6.16	6.45	NLPH	---	---	---	---	---	---	---	---
MW12	04/22/94	12.61	6.31	6.30	NLPH	---	---	---	---	---	---	---	---
MW12	05/10/94	12.61	6.16	6.45	NLPH	---	---	---	---	---	---	---	---
MW12	05/11/94	12.61	---	---	---	8,200	46,000	---	---	30,003	1,600	2,900	9,100
MW12	06/27/94	12.61	6.55	6.06	NLPH	---	---	---	---	---	---	---	---
MW12	08/31/94	12.61	7.97	4.64	NLPH	---	---	---	---	---	---	---	---
MW12	09/29/94	12.61	8.52	4.09	Sheen	---	---	---	---	---	---	---	---
MW12	10/25/94	12.61	8.74	3.87	Sheen	---	---	---	---	---	---	---	---
MW12	11/30/94	12.61	8.73	3.88	---	---	---	---	---	---	---	---	---
MW12	12/30/94	12.61	6.17	6.44	NLPH	---	---	---	---	---	---	---	---
MW12	02/06/95	12.61	4.44	8.17	Sheen	---	---	---	---	---	---	---	---
MW12	06/07/95	12.61	6.59	6.02	Sheen	---	---	---	---	---	---	---	---
MW12	09/18/95	12.61	8.96	3.65	Sheen	---	---	---	---	---	---	---	---
MW12	11/01/95	12.61	10.75	1.86	Sheen	---	---	---	---	---	---	---	---
MW12	02/14/96	12.61	7.73	4.88	Sheen	---	---	---	---	---	---	---	---
MW12	06/19/96	12.61	5.80	6.81	Sheen	---	---	---	---	---	---	---	---
MW12	09/24/96	12.61	9.14	3.47	Sheen	---	---	---	---	---	---	---	---
MW12	12/11/96	12.61	7.31	5.30	Sheen	---	---	---	---	---	---	---	---
MW12	03/19/97	12.61	9.96	2.65	Sheen	---	---	---	---	---	---	---	---
MW12	06/04/97	12.61	8.81	3.80	Sheen	---	---	---	---	---	---	---	---
MW12	09/02/97	12.61	8.93	3.68	Sheen	---	---	---	---	---	---	---	---
MW12	12/02/97	12.61	8.41	4.20	NLPH	3,900	45,000	<250	---	1,800	560	3,100	8,700
MW12	03/24/98	12.61	5.37	7.24	NLPH	8,800	42,000	<250	---	820	280	2,800	6,800
MW12	06/23/98	12.61	8.43	4.18	Sheen	7,800	39,000	560	---	1,000	200	2,300	4,900
MW12	09/29/98	12.61	8.94	3.67	Sheen	21,000	40,000	<500	---	1,100	150	2,200	3,100
MW12	12/30/98	12.61	8.47	4.14	Sheen	49,000	79,000	<500	---	1,400	400	3,300	8,500
MW12	03/24/99	12.61	3.71	8.90	Sheen	5,070	40,600	<20	---	328	182	1,690	3,930
MW12	06/22/99	12.61	4.91	7.70	Sheen	15,000	54,800	109	---	203	244	1,530	3,790
MW12	09/29/99	12.61	7.41	5.20	NLPH	6,830f	22,900	194	---	422	72.6	1,790	2,270
MW12	12/21/99	12.61	7.46	5.15	NLPH	10,000	25,000	<40	---	580	26	1,400	1,360
MW12	03/21/00	12.61	3.57	9.04	NLPH	4,400	23,000	860	---	690	33	1,600	3,290
MW12	03/30/01 - present	Well covered by asphalt.											
MW13	01/20/94	14.20	9.08	5.12	NLPH	---	---	---	---	---	---	---	---
MW13	02/02/94	14.20	8.75	5.45	NLPH	---	---	---	---	---	---	---	---
MW13	02/03/94	14.20	---	---	---	8,100	41,000	---	---	3,800	1,500	2,700	9,500
MW13	03/10/94	14.20	7.46	6.74	Sheen	---	---	---	---	---	---	---	---
MW13	04/22/94	14.20	7.78	6.42	Sheen	---	---	---	---	---	---	---	---

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Well ID	Sampling Date	TOC (fmsl)	DTW (fbgs)	GW Elev. (fmsl)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW13	05/10/94	14.20	7.61	6.59	NLPH	---	---	---	---	---	---	---	---
MW13	05/11/94	14.20	---	---	---	15,000	39,000	---	---	3,400	930	2,400	8,900
MW13	06/27/94	14.20	7.97	6.23	NLPH	---	---	---	---	---	---	---	---
MW13	08/31/94	14.20	9.21	4.99	NLPH	---	---	---	---	---	---	---	---
MW13	09/29/94	14.20	9.61	4.59	NLPH	320	57,000	---	---	2,100	470	2,600	8,100
MW13	10/25/94	14.20	9.93	4.27	Sheen	---	---	---	---	---	---	---	---
MW13	11/30/94	14.20	8.16	6.04	---	---	---	---	---	---	---	---	---
MW13	12/27/94	14.20	7.61	6.59	---	---	---	---	---	---	---	---	---
MW13	02/06/95	14.20	5.89	8.31	Sheen	---	---	---	---	---	---	---	---
MW13	06/07/95	14.20	8.05	6.15	Sheen	---	---	---	---	---	---	---	---
MW13	09/18/95	14.20	9.94	4.26	Sheen	---	---	---	---	---	---	---	---
MW13	11/01/95	14.20	10.48	3.72	Sheen	---	---	---	---	---	---	---	---
MW13	02/14/96	14.20	8.88	5.32	Sheen	---	---	---	---	---	---	---	---
MW13	06/19/96	14.20	7.22	6.98	Sheen	---	---	---	---	---	---	---	---
MW13	09/24/96	14.20	10.27	3.93	Sheen	---	---	---	---	---	---	---	---
MW13	12/11/96	14.20	8.77	5.43	Sheen	---	---	---	---	---	---	---	---
MW13	03/19/97	14.20	9.46	4.74	Sheen	---	---	---	---	---	---	---	---
MW13	06/04/97	14.20	9.59	4.61	Sheen	---	---	---	---	---	---	---	---
MW13	09/02/97	14.20	9.68	4.52	Sheen	---	---	---	---	---	---	---	---
MW13	12/02/97	14.20	9.16	5.04	NLPH	16,000	14,000	<250	---	210	<50	920	1,000
MW13	03/24/98	14.20	6.71	7.49	NLPH	1,700	5,600	55	---	110	6.0	420	330
MW13	06/23/98	14.20	8.87	5.33	NLPH	3,800	12,000	200	---	120	<20	300	300
MW13	09/29/98	14.20	9.79	4.41	NLPH	2,400	4,900	130	---	130	12.0	410	200
MW13	12/30/98	14.20	9.03	5.17	NLPH	2,000	6,700	520	---	100	11	400	250
MW13	03/24/99	14.20	4.91	9.29	Sheen	688	3,730	15.5	---	35.9	1.58	150	112
MW13	06/22/99	14.20	5.66	8.54	Sheen	4,090	7,220	56.4	---	29.0	<5.0	496	318
MW13	09/29/99	14.20	8.62	5.58	NLPH	1,060f	5,200	103	---	83.0	5.90	322	126
MW13	12/21/99	14.20	8.59	5.61	NLPH	1,800	4,400	<2	---	52	1.9	340	115
MW13	03/21/00 h	14.20	---	---	---	---	---	---	---	---	---	---	---
MW13	12/21/00	Well destroyed.											
MW14	01/20/94	15.18	---	---	---	---	---	---	---	---	---	---	---
MW14	02/02/94 h	15.18	---	---	---	---	---	---	---	---	---	---	---
MW14	03/10/94	15.18	7.84	7.34	NLPH	---	---	---	---	---	---	---	---
MW14	04/22/94	15.18	8.00	7.18	NLPH	---	---	---	---	---	---	---	---
MW14	05/10/94	15.18	7.93	7.25	NLPH	---	---	---	---	---	---	---	---
MW14	05/11/94	15.18	---	---	---	11,002	300	---	---	2.7	7.9	2	27
MW14	06/27/94	15.18	8.19	6.99	NLPH	---	---	---	---	---	---	---	---
MW14	08/31/94	15.18	9.44	5.74	NLPH	---	---	---	---	---	---	---	---
MW14	09/29/94	15.18	9.82	5.36	NLPH	---	300	1,600	---	<0.5	<0.5	0.9	1.3
MW14	10/25/94	15.18	9.99	5.19	NLPH	---	200	210	---	<0.5	<0.5	0.8	<0.5
MW14	11/30/94	15.18	8.16	7.02	---	---	---	---	---	---	---	---	---
MW14	12/27/94	15.18	8.15	7.03	Sheen	---	---	---	---	---	---	---	---

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Well ID	Sampling Date	TOC (fmsl)	DTW (fbgs)	GW Elev. (fmsl)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW14	02/06/95	15.18	7.18	8.00	NLPH	1,200	360	---	---	<1.0	<1.0	<1.0	<1.0
MW14	06/07/95	15.18	7.70	7.48	NLPH	1,100	670	<2.5	---	<0.5	<0.5	3.6	<0.5
MW14	09/18/95	15.18	9.88	5.30	NLPH	1,900	1,300	<10	---	<2.0	<2.0	<2.0	3
MW14	11/01/95	15.18	10.56	4.62	NLPH	2,700	1,100	<13	---	<2.5	<2.5	3.2	3.1
MW14	02/14/96	15.18	9.08	6.10	NLPH	1,500	470	<2.5	---	<0.5	<0.5	1.3	<0.5
MW14	06/19/96	15.18	8.50	6.68	NLPH	2,000	610	<12	---	<2.5	<2.5	<2.5	<2.5
MW14	09/24/96	15.18	10.23	4.95	NLPH	5,100	1,000	<25	---	<5.0	<5.0	<5.0	<5.0
MW14	12/11/96	15.18	9.09	6.09	NLPH	2,100 i	1,100	<10	---	<2.0	<2.0	<2.0	3.3
MW14	03/19/97	15.18	7.99	7.19	NLPH	1,400	690	<2.5	---	0.65	1.7	2.5	8.3
MW14	06/04/97	15.18	9.30	5.88	NLPH	1,500	730	<2.5	---	<1.2	<1.2	3.5	5.3
MW14	09/02/97	15.18	9.92	5.26	NLPH	1,900	910	<5.0	---	<5.0	<5.0	<5.0	5.9
MW14	12/02/97	15.18	9.13	6.05	NLPH	1,200	570	<2.5	---	0.85	<0.5	<0.5	1.7
MW14	03/24/98	15.18	8.52	6.66	NLPH	1,300	650	5.7	---	1.7	<1.0	<1.0	2.3
MW14	06/23/98	15.18	8.69	6.49	NLPH	1,100	470	<2.5	---	<0.5	1.5	1.1	3.0
MW14	09/29/98	15.18	9.41	5.77	NLPH	930	570	<2.5	---	<0.50	<0.50	2.5	3.5
MW14	12/30/98	15.18	9.31	5.87	NLPH	2,000	420	<2.5	---	<0.5	<0.5	<0.5	2.8
MW14	03/24/99	15.18	4.23	10.95	NLPH	936	456	<2.0	---	<0.5	<0.5	0.685	<0.5
MW14	06/22/99	15.18	7.24	7.94	NLPH	1,720	403	<2.0	---	<0.5	<0.5	<0.5	<0.5
MW14	09/29/99	15.18	9.41	5.77	NLPH	927f	388	<2.5	---	1.31	<0.5	0.864	2.07
MW14	12/21/99	15.18	8.93	6.25	NLPH	1,400	420	<2	---	0.61	<0.5	<0.5	6.3
MW14	03/21/00	15.18	5.76	9.42	NLPH	---	390	<2	---	1.4	<0.5	0.82	4.5
MW14	03/30/01	15.18	4.21	10.97	NLPH	980	330	---	<5	<0.5	<0.5	1.3	3.03
MW14	11/01/01	15.14	Well surveyed in compliance with AB 2886 requirements.										
MW14	03/11/02 k	15.14	4.87	10.27	NLPH	954	146	1.40	0.6	<0.50	<0.50	0.90	5.70
MW14	03/11/03	15.14	6.99	8.15	NLPH	1,020	331	<0.5	---	<0.50	<0.5	<0.5	<0.5
MW14	03/26/04	15.14	7.82	7.32	NLPH	586g	235	---	<0.50	1.20	0.8	0.6	1.4
MW14	11/02/04	15.14	7.06	8.08	NLPH	1,110g	282	---	<0.50	0.90	<0.5	1.6	7.2
MW14	02/04/05	15.14	6.15	8.99	NLPH	2,880g	327	---	<0.50	0.60	<0.5	0.8	1.8
MW14	05/02/05	15.14	4.97	10.17	NLPH	2,590g	363	---	<0.50	1.20	0.5	1.4	2.5
MW14	08/01/05	15.14	5.31	9.83	NLPH	2,690g	280	---	<0.50	0.90	<0.5	0.9	1.8
MW14	10/25/05	15.14	5.16	9.98	NLPH	5,410g	342	---	<0.500	0.82	<0.50	<0.50	1.98
MW14	**01/24/06**	**15.14**	**5.40**	**9.74**	**NLPH**	**440g**	**290**	**---**	**<0.50**	**1.4**	**<0.50**	**1.9**	**<0.50**
MW15	01/20/94	13.73	7.48	6.25	NLPH	---	---	---	---	---	---	---	---
MW15	02/02/94	13.73	7.30	6.43	NLPH	---	---	---	---	---	---	---	---
MW15	02/03/94	13.73	---	---	---	1,200	4,300	---	---	24	6.7	170	26
MW15	03/10/94	13.73	7.32	6.41	NLPH	---	---	---	---	---	---	---	---
MW15	04/22/94	13.73	6.67	7.06	NLPH	---	---	---	---	---	---	---	---
MW15	05/10/94	13.73	5.81	7.92	NLPH	---	---	---	---	---	---	---	---
MW15	05/11/94	13.73	---	---	---	1,400	3,900	---	---	16	<0.5	150	13
MW15	06/27/94	13.73	6.14	7.59	NLPH	---	---	---	---	---	---	---	---
MW15	08/31/94	13.73	7.20	6.53	NLPH	---	---	---	---	---	---	---	---
MW15	09/29/94	13.73	7.76	5.97	NLPH	420	2,500	---	---	51	15	48	3.6

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Well ID	Sampling Date	TOC (fmsl)	DTW (fbgs)	GW Elev. (fmsl)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW15	10/25/94	13.73	8.19	5.54	Sheen	---	---	---	---	---	---	---	---
MW15	11/30/94	13.73	8.57	5.16	---	---	---	---	---	---	---	---	---
MW15	12/27/94	13.73	6.49	7.24	NLPH	---	---	---	---	---	---	---	---
MW15	02/06/95	13.73	4.97	8.76	Sheen	---	---	---	---	---	---	---	---
MW15	06/07/95	13.73	7.14	6.59	Sheen	---	---	---	---	---	---	---	---
MW15	09/18/95	13.73	9.00	4.73	Sheen	---	---	---	---	---	---	---	---
MW15	11/01/95	13.73	10.67	3.06	Sheen	---	---	---	---	---	---	---	---
MW15	02/14/96	13.73	7.27	6.46	Sheen	---	---	---	---	---	---	---	---
MW15	06/19/96	13.73	6.65	7.08	Sheen	---	---	---	---	---	---	---	---
MW15	09/24/96	13.73	9.45	4.28	Sheen	---	---	---	---	---	---	---	---
MW15	12/11/96	13.73	7.77	5.96	Sheen	---	---	---	---	---	---	---	---
MW15	03/19/97	13.73	8.15	5.58	Sheen	---	---	---	---	---	---	---	---
MW15	06/04/97	13.73	8.62	5.11	Sheen	---	---	---	---	---	---	---	---
MW15	09/02/97	13.73	9.04	4.69	NLPH	480	1,100	23	---	19	<2.0	11	4.9
MW15	12/02/97	13.73	8.43	5.30	NLPH	600	1,700	58	---	20	<5.0	11	<5.0
MW15	03/24/98	13.73	6.35	7.38	NLPH	450	2,100	<100	---	570	<20	<20	<20
MW15	06/23/98	13.73	7.79	5.94	NLPH	570	2,300	<25	---	440	<5.0	30	<5.0
MW15	09/29/98 h	13.73	---	---	---	---	---	---	---	---	---	---	---
MW15	12/30/98	13.73	8.42	5.31	NLPH	510	900	14	---	6.2	1.5	5.8	3.4
MW15	03/24/99	13.73	4.69	9.04	NLPH	346	1,480	12.7	---	181	1.15	29.8	<1.0
MW15	06/22/99	13.73	5.42	8.31	NLPH	558	864	6.49	---	12.7	<0.5	3.28	1.38
MW15	09/29/99	13.73	7.08	6.65	NLPH	306 f	316	<5.0	---	1.44	7.51	1.60	3.21
MW15	12/21/99	13.73	7.51	6.22	NLPH	300	1,500	21	---	21	1.6	0.67	5.9
MW15	03/21/00	13.73	3.61	10.12	NLPH	220	680	<2	---	10	<0.5	<0.5	4.5
MW15	12/21/00	Well destroyed.											

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Notes:		
SUBJ	=	Results of subjective evaluation, liquid-phase hydrocarbon thickness in feet.
NLPH	=	No liquid-phase hydrocarbons present in well.
TOC	=	Top of well casing elevation; datum is mean sea level.
DTW	=	Depth to water.
GW Elev.	=	Groundwater elevation; datum is mean sea level. If liquid-phase hydrocarbons present, elevation adjusted using TOC - [DTW - (PT x 0.8)].
[ ]	=	Amount recovered.
TPHd	=	Total petroleum hydrocarbons as diesel analyzed using EPA Method 3510/8015 (modified).
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 5030/8015 (modified).
MTBE 8021B	=	Methyl tertiary butyl ether analyzed using EPA Method 8021B.
MTBE 8260B	=	Methyl tertiary butyl ether analyzed using EPA Method 8260B.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B.
TOG	=	Total oil and grease analyzed using Standard Method 5520.
EHCss	=	Extractable hydrocarbons as stoddard solvent analyzed using EPA Method 8015.
EDB	=	1,2-dibromoethane analyzed using EPA Method 8260B.
1,2-DCA	=	1,2-dichloroethane analyzed using EPA Method 8260B.
TAME	=	Tertiary amyl methyl ether analyzed using EPA Method 8260B.
TBA	=	Tertiary butyl alcohol analyzed using EPA Method 8260B.
ETBE	=	Ethyl tertiary butyl ether analyzed using EPA Method 8260B.
DIPE	=	Di-isopropyl ether analyzed using EPA Method 8260B.
µg/L	=	Micrograms per liter.
fbgs	=	Feet below ground surface.
—	=	Not measured/Not sampled/Not analyzed.
<	=	Less than the indicated reporting limit shown by the laboratory.
a	=	A peak eluting earlier than benzene, suspected to be MTBE, was present.
b	=	Sample containers broken in transit.
c	=	Chromatogram pattern: unidentified hydrocarbons C6 - C12.
d	=	Chromatogram pattern: weathered gasoline C6 - C12.
e	=	Chromatogram pattern: weathered diesel C9 - C24 and unidentified hydrocarbons C9 - C36.
f	=	Chromatogram pattern: unidentified hydrocarbons C9 - C24.
g	=	Diesel result is not consistent with diesel fuel.
h	=	Well inaccessible.
i	=	TPHd note: Analyst notes samples resemble paint thinner more than Stoddard Solvent.
j	=	Analyte detected in trip blank and/or bailer blank; result is suspect.
k	=	Higher reported TPH concentrations in groundwater may be due to different laboratory quantatation procedures.

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
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)	EHCss (µg/L)	TOG (µg/L)
MW1	01/20/94 - 06/19/96: Not analyzed for these analytes.									
MW1	06/19/96	---	---	---	---	---	---	---	<50	---
MW1	06/19/96 - 03/11/03: Not analyzed for these analytes.									
MW1	03/26/04	<0.50	<0.50	<10.0	<0.50	1.60	<0.50	---	---	---
MW1	11/02/04	<0.50	<0.50	<10.0	<0.50	1.80	<0.50	---	---	---
MW1	02/04/05	<0.50	<0.50	<10.0	<0.50	1.90	<0.50	---	---	---
MW1	05/02/05	<0.50	<0.50	<10.0	<0.50	2.10	<0.50	<100	---	---
MW1	08/01/05	<0.50	<0.50	<10.0	<0.50	2.00	<0.50	<100	---	---
MW1	10/25/05	<0.500	<0.500	22.6	<0.500	1.61	<0.500	---	---	---
MW1	**01/24/06**	**<2.5**	**<2.5**	**<100**	**<2.5**	**<2.5**	**<2.5**	**<500**	**---**	**---**
MW2	01/20/94 - 03/27/04: Not analyzed for these analytes.									
MW2	03/27/04	<0.50	2.90	<10.0	<0.50	<0.50	<0.50	---	---	---
MW2	11/02/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---	---	---
MW2	02/04/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---	---	---
MW2	05/02/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<100	---	---
MW2	08/01/05	<0.50	<0.50	<10.0	<0.50	2.00	<0.50	<100	---	---
MW2	10/25/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	---
MW2	**01/24/06**	**<0.50**	**<0.50**	**20**	**<0.50**	**<0.50**	**<0.50**	**<100**	**---**	**---**
MW3	01/20/94 - 03/26/04: Not analyzed for these analytes.									
MW3	03/26/04	<0.50	2.60	<10.0	<0.50	<0.50	0.60	---	---	---
MW3	11/02/04	<0.50	<0.50	<10.0	<0.50	<0.50	1.60	---	---	---
MW3	02/04/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---	---	---
MW3	05/02/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<100	---	---
MW3	08/01/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<100	---	---
MW3	10/25/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	---
MW3	**01/24/06**	**<1.0**	**<1.0**	**<40**	**<1.0**	**<1.0**	**<1.0**	**<200**	**---**	**---**
MW4	01/20/94 - 03/26/04: Not analyzed for these analytes.									
MW4	03/30/01 - present Well covered by asphalt.									
MW5	07/18/89 Well destroyed.									
MW6	01/20/94 - 03/26/04: Not analyzed for these analytes.									
MW6	03/26/04	<0.50	<0.50	11.7	<0.50	34.0	<0.50	---	---	---
MW6	11/02/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---	---	---
MW6	02/04/05	<0.50	<0.50	54.3	<0.50	<0.50	<0.50	---	---	---
MW6	05/02/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<100	---	---

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
Oakland, California
(Page 2 of 4)

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)	EHCss (µg/L)	TOG (µg/L)
MW6	08/01/05	<0.50	<0.50	29.2	<0.50	15.3	<0.50	<100	---	---
MW6	10/25/05	<0.500	<0.500	20.6	<0.500	<0.500	<0.500	---	---	---
MW6	**01/24/06**	**<5.0**	**<5.0**	**<200**	**<5.0**	**<5.0**	**<5.0**	**<1,000**	**---**	**---**
MW7	01/20/94	---	---	---	---	---	---	---	---	---
MW7	02/03/94	---	---	---	---	---	---	---	---	470
MW7	03/10/94	---	---	---	---	---	---	---	---	---
MW7	04/22/94	---	---	---	---	---	---	---	---	---
MW7	05/10-11/94	---	---	---	---	---	---	---	---	1,400
MW7	11/94 - 02/06/95: Not analyzed for these analytes.									
MW7	02/06/95	---	---	---	---	---	---	---	1,100	---
MW7	06/07/95	---	---	---	---	---	---	---	1,000	---
MW7	09/18/95	---	---	---	---	---	---	---	870	---
MW7	11/01/95	---	---	---	---	---	---	---	1,400	---
MW7	02/14/96	---	---	---	---	---	---	---	940	---
MW7	06/19/96	---	---	---	---	---	---	---	1,000	---
MW7	09/24/96	---	---	---	---	---	---	---	910	---
MW7	12/11/96	---	---	---	---	---	---	---	1,100	---
MW7	03/19/97	---	---	---	---	---	---	---	580	---
MW7	06/04/97	---	---	---	---	---	---	---	780	---
MW7	09/02/97	---	---	---	---	---	---	---	740	---
MW7	12/21/00	Well destroyed.								
MW8	01/20/94 - 03/21/00	Not analyzed for these analytes.								
MW8	12/21/00	Well destroyed.								
MW9	01/20/94 - 06/19/96:	Not analyzed for these analytes.								
MW9	06/19/96	---	---	---	---	---	---	---	<50	---
MW9	06/19/96 - 12/21/00:	Not analyzed for these analytes.								
MW9	12/21/00	Well destroyed.								
MW10	01/20/94 - 06/19/96:	Not analyzed for these analytes.								
MW10	06/19/96	---	---	---	---	---	---	---	<50	---
MW10	06/19/96 - 12/21/00:	Not analyzed for these analytes.								
MW10	12/21/00	Well destroyed.								
MW11	01/20/94 - 06/19/96:	Not analyzed for these analytes.								
MW11	06/19/96	---	---	---	---	---	---	---	<50	---
MW11	06/19/96 - 12/21/00:	Not analyzed for these analytes.								
MW11	12/21/00	Well destroyed.								

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
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)	EHCss (µg/L)	TOG (µg/L)
MW12	01/20/94 - 11/02/04: Not analyzed for these analytes.									
MW12	03/30/01 - present Well covered by asphalt.									
MW13	01/20/94 - 12/21/00: Not analyzed for these analytes.									
MW13	12/21/00 Well destroyed.									
MW14	01/20/94 - 02/06/95: Not analyzed for these analytes.									
MW14	02/06/95	---	---	---	---	---	---	---	---	400
MW14	06/07/95	---	---	---	---	---	---	---	450	---
MW14	09/18/95	---	---	---	---	---	---	---	1,200	---
MW14	11/01/95	---	---	---	---	---	---	---	1,600	---
MW14	02/14/96	---	---	---	---	---	---	---	680	---
MW14	06/19/96	---	---	---	---	---	---	---	670	---
MW14	09/24/96	---	---	---	---	---	---	---	4,500	---
MW14	12/11/96	---	---	---	---	---	---	---	750	---
MW14	03/19/97	---	---	---	---	---	---	---	470	---
MW14	06/04/97	---	---	---	---	---	---	---	590	---
MW14	09/02/97	---	---	---	---	---	---	---	1,300	---
MW14	09/02/97 - 03/26/04: Not analyzed for these analytes.									
MW14	03/26/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---	---	---
MW14	11/02/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---	---	---
MW14	02/04/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---	---	---
MW14	05/02/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<100	---	---
MW14	08/01/05	<0.50	<0.50	<10.0	<0.50	1.90	<0.50	<100	---	---
MW14	10/25/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	---
MW14	**01/24/06**	**<0.50**	**<0.50**	**20**	**<0.50**	**<0.50**	**<0.50**	**<100**	**---**	**---**
MW15	01/20/94 - 12/21/00: Not analyzed for these analytes.									
MW15	12/21/00 Well destroyed.									

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Notes:		
SUBJ	=	Results of subjective evaluation, liquid-phase hydrocarbon thickness in feet.
NLPH	=	No liquid-phase hydrocarbons present in well.
TOC	=	Top of well casing elevation; datum is mean sea level.
DTW	=	Depth to water.
GW Elev.	=	Groundwater elevation; datum is mean sea level. If liquid-phase hydrocarbons present, elevation adjusted using TOC - [DTW - (PT x 0.8)].
[ ]	=	Amount recovered.
TPHd	=	Total petroleum hydrocarbons as diesel analyzed using EPA Method 3510/8015 (modified).
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 5030/8015 (modified).
MTBE 8021B	=	Methyl tertiary butyl ether analyzed using EPA Method 8021B.
MTBE 8260B	=	Methyl tertiary butyl ether analyzed using EPA Method 8260B.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B.
TOG	=	Total oil and grease analyzed using Standard Method 5520.
EHCss	=	Extractable hydrocarbons as stoddard solvent analyzed using EPA Method 8015.
EDB	=	1,2-dibromoethane analyzed using EPA Method 8260B.
1,2-DCA	=	1,2-dichloroethane analyzed using EPA Method 8260B.
TAME	=	Tertiary amyl methyl ether analyzed using EPA Method 8260B.
TBA	=	Tertiary butyl alcohol analyzed using EPA Method 8260B.
ETBE	=	Ethyl tertiary butyl ether analyzed using EPA Method 8260B.
DIPE	=	Di-isopropyl ether analyzed using EPA Method 8260B.
µg/L	=	Micrograms per liter.
fbgs	=	Feet below ground surface.
---	=	Not measured/Not sampled/Not analyzed.
<	=	Less than the indicated reporting limit shown by the laboratory.
a	=	A peak eluting earlier than benzene, suspected to be MTBE, was present.
b	=	Sample containers broken in transit.
c	=	Chromatogram pattern: unidentified hydrocarbons C6 - C12.
d	=	Chromatogram pattern: weathered gasoline C6 - C12.
e	=	Chromatogram pattern: weathered diesel C9 - C24 and unidentified hydrocarbons C9 - C36.
f	=	Chromatogram pattern: unidentified hydrocarbons C9 - C24.
g	=	Diesel result is not consistent with diesel fuel.
h	=	Well inaccessible.
i	=	TPHd note: Analyst notes samples resemble paint thinner more than Stoddard Solvent.
j	=	Analyte detected in trip blank and/or bailer blank; result is suspect.
k	=	Higher reported TPH concentrations in groundwater may be due to different laboratory quantatation procedures.

TABLE 2A
CUMULATIVE SOIL ANALYTICAL RESULTS
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Sample Location	Associated Well/Boring	Date Sampled	Depth (feet bgs)	TPHd	TPHg	MTBE	B	T	E	X
				<----------			mg/Kg			---------->
Monitoring Wells										
S-3-MW14	B31	10/31/90	3.0	<10	<1.0	---	<0.005	<0.005	<0.005	<0.007
S-8-MW14	B31	10/31/90	8.0	<10	<1.0	---	<0.005	<0.005	<0.005	<0.007
S-18-MW14	B31	10/31/90	18.0	<10	837	---	0.10	1.6	6.0	34
S-6-MW15	B32	10/31/90	6.0	<10	<1.0	---	<0.005	<0.005	<0.005	<0.007
S-8.5-MW15	B32	10/31/90	8.5	<10	<1.0	---	<0.005	<0.005	<0.005	<0.007
S-13.5-MW15	B32	10/31/90	13.5	<10	<1.0	---	<0.005	<0.005	<0.005	<0.007
Soil Borings										
S-7.5-B1	MW1	05/21/88	7.5	25	<10	---	<0.050	<0.050	<0.15	<0.15
S-10-B2	MW2	09/10/87	10.0	---	9.97	---	4.14	0.09	1.09	0.38
S-10-B3	MW3	09/10/87	10.0	4,261	2,689	---	126	17	41	131
S-10-B4	MW4	09/10/87	10.0	2,938	209.9	---	14.9	0.5	6.4	11.1
S-10-B5	MW5	09/10/87	10.0	848	90.83	---	9.27	0.24	1.45	6.62
S-10-B6	MW6	09/10/87	10.0	---	448.0	---	5.7	3.7	14.1	63.2
S-10-B7	MW7	09/10/87	10.0	1,338	901.6	---	26.4	5.3	41.4	54.2
S-10-B8	MW8	09/10/87	10.0	---	0.48	---	<0.05	<0.05	<0.05	<0.05
S-9-B9	MW9	05/12/88	10.0	---	<2	---	<0.05	<0.05	<0.05	<0.05
S-10-B10	MW10	11/27/89	10.0	<10	<2	---	<0.05	<0.05	<0.05	<0.05
S-10-B11	MW11	11/27/89	11.0	<10	<2	---	0.064	0.11	<0.05	0.076
S-7.5-B12	MW12	11/28/89	7.5	23	160	---	1.2	3.1	3.4	14
S-10-B12	MW12	11/28/89	10.0	16	3.1	---	0.86	0.090	0.18	0.17
S-7.5-B13	MW13	11/28/89	7.5	<10	<2	---	<0.05	0.12	<0.05	0.10
S-10-B13	MW13	11/28/89	10.0	<10	17	---	<0.05	0.14	0.33	1.2
S-10-B14	---	11/29/89	10.0	1,900	3,400	---	<0.5	<0.5	1.2	1.2
S-5-B15	---	11/28/89	5.0	<10	130	---	2.2	7.2	2.2	11
S-7.5-B15	---	11/28/89	7.5	28	98	---	0.97	3.9	1.8	9.8
S-10-B15	---	11/28/89	10.0	82	180	---	1.4	4.4	3.6	16
S-5-B16	---	11/28/89	5.0	43	87	---	2.2	4.4	1.7	7.6
S-7.5-B16	---	11/28/89	7.5	1,500	1,100	---	9.0	60	23	109
S-10-B16	---	11/28/89	10.0	110	380	---	4.2	11	8.4	35
S-5-B17	---	11/29/89	5.0	<10	<2	---	<0.050	<0.050	<0.050	<0.050
S-7.5-B17	---	11/29/89	7.5	<10	8.1	---	0.085	<0.050	0.19	0.24
S-10-B17	---	11/29/89	10.0	200	7.1	---	0.091	<0.050	0.20	0.25
S-5-B18	---	11/29/89	5.0	46	210	---	1.6	0.71	3.9	12
S-7.5-B18	---	11/29/89	7.5	270	210	---	2.4	0.50	4.8	20
S-10-B18	---	11/29/89	10.0	2,000	130	---	0.93	0.36	2.8	11
S-10-B19	---	11/29/89	10.0	21	21	---	<0.5	<0.5	<0.5	1.7
S-10-B20	---	11/29/89	10.0	360	3,100	---	<5	<5	64	120
S-3-B21	---	11/01/90	3.0	1,125	433	---	9.0	0.9	7.5	13
S-8-B21	---	11/01/90	8.0	2,112	1,084	---	22	3.5	31	100
S-5.5-B22	---	11/01/90	5.5	2,570	423	---	6.9	1.0	19	18
S-8-B22	---	11/01/90	8.0	210	3,232	---	31	123	137	493
S-3-B23	---	11/01/90	3.0	<10	20	---	0.50	0.08	0.41	0.70
S-8-B23	---	11/01/90	8.0	<10	277	---	2.4	3.5	7.2	28
S-5.5-B24	---	11/01/90	5.5	<10	<1.0	---	<0.005	<0.005	<0.005	<0.007
S-8-B24	---	11/01/90	8.0	<10	80	---	0.70	0.26	<0.005	0.70
S-5.5-B25	---	11/01/90	5.5	<10	<1.0	---	<0.005	<0.005	<0.005	<0.007
S-8-B25	---	11/01/90	8.0	<10	15	---	0.27	0.05	0.17	0.75
S-5.5-B26	---	11/01/90	5.5	<10	<1.0	---	<0.005	<0.005	<0.005	<0.007
S-8-B26	---	11/01/90	8.0	<10	<1.0	---	<0.005	<0.005	<0.005	<0.007
S-5.5-B27	---	11/01/90	5.5	<10	12	---	0.17	0.05	1.7	0.91

TABLE 2A
CUMULATIVE SOIL ANALYTICAL RESULTS
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Sample Location	Associated Well/Boring	Date Sampled	Depth (feet bgs)	TPHd	TPHg	MTBE	B	T	E	X
				<----------	----------	----------	mg/Kg	----------	----------	---------->
Soil Borings (cont.)										
S-8-B27	---	11/01/90	8.0	<10	608	---	8.1	2.7	19	30
S-3-B28	---	11/02/90	3.0	<10	22	---	1.0	1.0	0.43	2.5
S-8-B28	---	11/02/90	8.0	<10	1,295	---	10	45	52	156
S-5.5-B29	---	11/02/90	5.5	<10	1,931	---	31	122	84	240
S-8-B29	---	11/02/90	8.0	<10	1,262	---	14	68	49	153
S-5.5-B30	---	11/02/90	5.5	<10	1,069	---	20	39	44	116
S-8-B30	---	11/02/90	8.0	<10	1,118	---	9.3	62	47	143
S-3.5-B35	VW1	02/11/93	3.5	<5.0	<1	---	0.033	<0.0050	<0.0050	0.0062
S-6.5-B35	VW1	02/11/93	6.5	6.3	120	---	2	3.2	1.8	7.3
S-7.5-B35	VW1	02/11/93	7.5	30b	410	---	3.7	9.6	8.2	35
S-9-B35	VW1	02/11/93	9.0	12	950	---	7.6	28	21	89
S-4-B36	VW2	02/11/93	4.0	<5.0	1.7	---	0.023	<0.0050	<0.0050	0.021
S-7-B36	VW2	02/11/93	7.0	<5.0	<1	---	0.0054	<0.0050	<0.0050	<0.0050
S-9.5-B36	VW2	02/11/93	9.5	<5.0	160	---	0.65	0.34	2.3	5.2
S-4-B37	VW3	02/11/93	4.0	5.8	92	---	2.1	0.75	2.4	7.9
S-6-B37	VW3	02/11/93	6.0	21	220	---	2	5.6	5.8	21
S-7.5-B37	VW3	02/11/93	7.5	14	220	---	1.7	2.9	4.9	21
S-2-CPT1	---	04/06/05	2.0	155	<4.97	<0.0020	0.0038	<0.0050	<0.0050	<0.0050
S-4-CPT1	---	04/06/05	4.0	539	<4.98	<0.0020	0.0057	<0.0050	<0.0050	0.0218
S-6-CPT1	---	04/06/05	6.0	270	<4.99	<0.0020	0.0056	<0.0050	<0.0050	0.0219
S-2-CPT2	---	04/07/05	2.0	<10.2	<5.01	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050
S-4-CPT2	---	04/07/05	4.0	<10.0	<5.04	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050
S-6-CPT2	---	04/07/05	6.0	59.6	<5.03	<0.0020	0.0053	<0.0050	<0.0050	0.0210
S-8-CPT2	---	04/07/05	8.0	77.7	<4.98	<0.0020	0.0130	0.0053	<0.0050	0.0092
S-2-CPT3	---	04/07/05	2.0	402	<5.03	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050
S-4-CPT3	---	04/07/05	4.0	73.2	<5.03	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050
S-6-CPT3	---	04/07/05	6.0	177	<5.00	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050
S-8-CPT3	---	04/07/05	8.0	33.0	<5.00	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050
S-2-CPT4	---	04/07/05	2.0	<10.0	<5.02	<0.0020	0.0021	<0.0050	0.0094	<0.0050
S-4-CPT4	---	04/07/05	4.0	<9.92	<5.01	0.0029	0.0163	<0.0050	0.189	0.159
S-6-CPT4	---	04/07/05	6.0	10.3	52.7	0.0077	0.0288	0.0196	5.70	19.1
S-8-CPT4	---	04/07/05	8.0	17.3	62.3	0.0230	0.0413	0.0289	0.112	5.40
S-2-CPT5	---	04/07/05	2.0	<9.92	<5.01	<0.0020	0.0019	<0.0050	<0.0050	<0.0050
S-4-CPT5	---	04/07/05	4.0	12.0	<4.98	<0.0020	0.0025	<0.0050	<0.0050	<0.0050
S-6-CPT5	---	04/07/05	6.0	<9.92	<5.04	<0.0020	0.0011	<0.0050	<0.0050	<0.0050
S-8-CPT5	---	04/07/05	8.0	<10.1	<5.04	0.0046	<0.0010	<0.0050	<0.0050	<0.0050
S-2-CPT6	---	04/06/05	2.0	<9.98	<5.05	<0.0020	<0.0010	<0.0051	<0.0051	<0.0051
S-4-CPT6	---	04/06/05	4.0	<10.1	<5.02	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050
S-6-CPT6	---	04/06/05	6.0	93.4	<5.02	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050
S-8-CPT6	---	04/06/05	8.0	<9.88	<5.02	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050
S-2-DP1	---	04/07/05	2.0	<10.0	<5.01	<0.0020	0.0029	<0.0050	<0.0050	<0.0050
S-4-DP1	---	04/07/05	4.0	<10.1	<5.02	<0.0020	0.0139	<0.0050	0.0061	0.0223
S-6-DP1	---	04/07/05	6.0	28.3	65.0	<0.0020	0.0890	0.0131	11.6	56.5
S-8-DP1	---	04/07/05	8.0	79.8	226	<0.100	0.743	<1.24	6.34	17.5
S-10.5-DP1	---	04/14/05	10.5	33.0a	1,190	0.0111	4.78	6.67	32.9	130
S-2-DP3	---	04/06/05	2.0	1,840	<5.02	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050
S-4-DP3	---	04/06/05	4.0	<10.1	<5.02	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050
S-6-DP3	---	04/06/05	6.0	<10.2	<5.03	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050
S-8-DP3	---	04/06/05	8.0	<10.1	<5.00	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050
S-9.5-DP3	---	04/14/05	9.5	<10.1	<4.95	<0.0020	<0.0010	<0.0050	<0.0050	<0.0050
S-12-DP3	---	04/14/05	12.0	64.0a	26.3	<0.0020	0.0209	<0.0050	0.0079	0.0780

TABLE 2A
CUMULATIVE SOIL ANALYTICAL RESULTS
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Sample Location	Associated Well/Boring	Date Sampled	Depth (feet bgs)	TPHd	TPHg	MTBE	B	T	E	X
				<----------			mg/Kg			---------->
Soil Borings (cont.)										
S-2-DP4	---	04/07/05	2.0	65.6	<5.00	<0.0020	0.0044	<0.0050	<0.0050	0.0091
S-4-DP4	---	04/07/05	4.0	<9.96	<5.05	<0.0020	0.0027	<0.0051	<0.0051	<0.0051
S-6-DP4	---	04/07/05	6.0	<10.2	<5.01	<0.0020	0.0114	<0.0050	0.136	1.55
S-8-DP4	---	04/07/05	8.0	11.1	12.4	<0.0020	0.0260	0.0086	1.82	2.36
S-10.5-DP4	---	04/14/05	10.5	50.0a	366	<0.0020	1.39	1.49	5.76	33.9
S-2-DP5	---	04/07/05	2.0	12,000	16.7	<0.0020	7.79	0.0235	0.0116	0.0588
S-4-DP5	---	04/07/05	4.0	1,200	<4.98	<0.0020	0.128	<0.0050	0.0100	0.0228
S-6-DP5	---	04/07/05	6.0	3,610	8.61	<0.0020	0.599	<0.0050	0.0095	0.0339
S-8-DP5	---	04/07/05	8.0	3,850	522	<0.0020	6.99	<1.26	<1.26	2.09
S-10.5-DP5	---	04/14/05	10.5	875a	842	<0.0020	4.61	1.14	7.90	1.75
S-2-DP6	---	04/06/05	2.0	13.1	<5.05	<0.0020	<0.0010	<0.0051	<0.0051	<0.0051
S-4-DP6	---	04/06/05	4.0	36.4	<5.05	<0.0020	<0.0010	<0.0051	<0.0051	<0.0051
S-6-DP6	---	04/06/05	6.0	<20.4	<5.05	<0.0020	<0.0010	<0.0051	<0.0051	<0.0051
Product Line Trench Samples										
S3-Trench	---	04/28/87	3.0	434	---	---	---	---	---	---
S(3A+3B)	---	05/05/87	---	---	17.0	---	---	---	---	---
S(3C+3D)	---	05/05/87	---	---	4299.0	---	---	---	---	---
S(3E+3F+3G)	---	05/05/87	---	---	545.70	---	---	---	---	---
S-1T	---	06/03/87	---	---	0.71	---	---	---	---	---
S-2T	---	06/03/87	---	---	1.70	---	---	---	---	---
S-3T	---	06/03/87	---	---	3.21	---	---	---	---	---
S-4T	---	06/03/87	---	---	0.44	---	---	---	---	---
S-1A	---	07/26/89	5.0	<5	---	---	---	---	---	---
S-1B	---	07/26/89	9.0	---	61	---	---	---	---	---
S-2A	---	08/04/89	9.0	---	3.8	---	<0.050	<0.050	<0.050	<0.050
S-3A	---	08/04/89	9.0	4,200	290	---	0.77	0.15	0.30	0.63
S-4A	---	08/04/89	9.0	---	93	---	<0.097	<0.050	<0.050	<0.050
Old Tank Pit Samples										
S-5-T1F	---	04/28/87	5.0	---	1,846	---	0.9	6.3	5.6	28
S-5-T1P	---	04/28/87	5.0	---	2,613	---	0.89	3	2.9	14
S-5-T2F	---	04/28/87	5.0	---	454	---	<0.2	<0.2	1.4	2.9
S-5-T2P	---	04/28/87	5.0	---	1,735	---	0.54	0.77	2.1	10
S-5-T3F	---	04/28/87	5.0	---	1,936	---	0.61	0.5	1.7	6.3
S-5-T3P	---	04/28/87	5.0	---	5,995	---	<0.01	0.035	0.015	0.039
S-5-WOT	---	04/28/87	5.0	<5	---	---	0.21	<0.2	0.6	2.7
S-8-N	---	05/05/87	8.0	---	96.8	---	---	---	---	---
S-10-E	---	05/05/87	10.0	---	186.6	---	---	---	---	---
S-7-S	---	05/05/87	7.0	---	13.55	---	---	---	---	---
S-6-W	---	05/05/87	6.0	---	8.69	---	---	---	---	---
S-16-S	---	05/06/87	16.0	---	0.86	---	---	---	---	---
S1	---	05/14/87	14.0	c	c	c	c	c	c	c
S2	---	05/14/87	14.0	c	c	c	c	c	c	c
S-14EE	---	05/15/87	14.0	---	---	---	20	40	60	180

TABLE 2A
CUMULATIVE SOIL ANALYTICAL RESULTS
Former Exxon Service Station 7-3006
720 High Street
Oakland, California
(Page 4 of 4)

Sample Location	Associated Well/Boring	Date Sampled	Depth (feet bgs)	TPHd	TPHg	MTBE	B	T	E	X
				<--			--mg/Kg--			-->
New Tank Pit Excavation										
S-12-TPW1	—	01/15/91	12.0	<10	6.2	—	<0.005	0.010	0.18	0.31
S-8-TPW2	—	01/15/91	8.0	<10	6.5	—	<0.005	<0.005	0.25	0.41
S-12-TPW4	—	01/15/91	12.0	<10	<1.0	—	<0.005	<0.005	<0.005	<0.005
S-8-TPW5	—	01/15/91	8.0	<10	<1.0	—	<0.005	<0.005	<0.005	<0.005
S-4-TPW6	—	01/15/91	4.0	<10	<1.0	—	<0.005	<0.005	<0.005	<0.005
S-8-TPW8	—	01/15/91	8.0	<10	53	—	<0.005	0.053	0.48	0.70
S-4-TPW9	—	01/15/91	4.0	<10	<1.0	—	<0.005	<0.005	<0.005	0.010
S-12-TPW10	—	01/15/91	12.0	<10	19	—	<0.005	0.15	0.25	0.86
S-8-TPW11	—	01/15/91	8.0	<10	8.8	—	<0.005	0.017	0.13	0.36
S-4-TPW12	—	01/15/91	4.0	<10	<1.0	—	<0.005	<0.005	<0.005	0.012
S-15-TPF1	—	01/15/91	15.0	<10	1.1	—	<0.005	<0.005	0.016	0.078
S-15-TPF2	—	01/15/91	15.0	<10	12	—	<0.005	0.15	0.13	0.44
S-15-TPF3	—	01/15/91	15.0	<10	1.3	—	0.007	0.014	0.025	0.097
S-15-TPF4	—	01/15/91	15.0	<10	<1.0	—	<0.005	<0.005	<0.005	<0.005

Notes:

S-2-CPT1	=	Soil - Sample Depth - Sample Location.
TPHd	=	Total petroleum hydrocarbons as diesel analyzed using EPA Method 8015B.
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8015B.
MTBE	=	Methyl tertiary butyl ether analyzed using EPA Method 8260B.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B.
ETBE	=	Ethyl tertiary butyl ether analyzed using EPA Method 8260B.
TAME	=	Tertiary amyl methy ether analyzed using EPA Method 8260B.
TBA	=	Tertiary butyl alcohol analyzed using EPA Method 8260B.
1,2-DCA	=	1,2-Dichloroethane analyzed using EPA Method 8260B.
EDB	=	1,2-Dibromoethane analyzed using EPA Method 8260B.
DIPE	=	Di-isopropyl ether analyzed using EPA Method 8260B.
(ft bgs)	=	Feet below ground surface.
mg/Kg	=	Milligrams per Kilogram.
<	=	Less than the stated reporting limit.
a	=	TPHd result was not consistent with diesel fuel.
b	=	Hydrocarbons greater than C22 were detected. 460 mg/Kg Oil and Grease by SM5520 detected.
c	=	Data missing from historical files.

TABLE 2B
ADDITIONAL CUMULATIVE SOIL ANALYTICAL RESULTS
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Sample Location	Associated Well/Boring	Date Sampled	Depth (feet bgs)	ETBE	TAME	TBA	1,2-DCA	EDB	DIPE
				<---mg/Kg--->					
Monitoring Wells									
S-3-MW14	B31	10/31/90	3.0	—	—	—	—	—	—
S-8-MW14	B31	10/31/90	8.0	—	—	—	—	—	—
S-18-MW14	B31	10/31/90	18.0	—	—	—	—	—	—
S-6-MW15	B32	10/31/90	6.0	—	—	—	—	—	—
S-8.5-MW15	B32	10/31/90	8.5	—	—	—	—	—	—
S-13.5-MW15	B32	10/31/90	13.5	—	—	—	—	—	—
Soil Borings									
S-7.5-B1	MW1	05/21/88	7.5	—	—	—	—	—	—
S-10-B2	MW2	09/10/87	10.0	—	—	—	—	—	—
S-10-B3	MW3	09/10/87	10.0	—	—	—	—	—	—
S-10-B4	MW4	09/10/87	10.0	—	—	—	—	—	—
S-10-B5	MW5	09/10/87	10.0	—	—	—	—	—	—
S-10-B6	MW6	09/10/87	10.0	—	—	—	—	—	—
S-10-B7	MW7	09/10/87	10.0	—	—	—	—	—	—
S-10-B8	MW8	09/10/87	10.0	—	—	—	—	—	—
S-9-B9	MW9	05/12/88	10.0	—	—	—	—	—	—
S-10-B10	MW10	11/27/89	10.0	—	—	—	—	—	—
S-10-B11	MW11	11/27/89	11.0	—	—	—	—	—	—
S-7.5-B12	MW12	11/28/89	7.5	—	—	—	—	—	—
S-10-B12	MW12	11/28/89	10.0	—	—	—	—	—	—
S-7.5-B13	MW13	11/28/89	7.5	—	—	—	—	—	—
S-10-B13	MW13	11/28/89	10.0	—	—	—	—	—	—
S-10-B14	—	11/29/89	10.0	—	—	—	—	—	—
S-5-B15	—	11/28/89	5.0	—	—	—	—	—	—
S-7.5-B15	—	11/28/89	7.5	—	—	—	—	—	—
S-10-B15	—	11/28/89	10.0	—	—	—	—	—	—
S-5-B16	—	11/28/89	5.0	—	—	—	—	—	—
S-7.5-B16	—	11/28/89	7.5	—	—	—	—	—	—
S-10-B16	—	11/28/89	10.0	—	—	—	—	—	—
S-5-B17	—	11/29/89	5.0	—	—	—	—	—	—
S-7.5-B17	—	11/29/89	7.5	—	—	—	—	—	—
S-10-B17	—	11/29/89	10.0	—	—	—	—	—	—
S-5-B18	—	11/29/89	5.0	—	—	—	—	—	—
S-7.5-B18	—	11/29/89	7.5	—	—	—	—	—	—
S-10-B18	—	11/29/89	10.0	—	—	—	—	—	—
S-10-B19	—	11/29/89	10.0	—	—	—	—	—	—
S-10-B20	—	11/29/89	10.0	—	—	—	—	—	—
S-3-B21	—	11/01/90	3.0	—	—	—	—	—	—
S-8-B21	—	11/01/90	8.0	—	—	—	—	—	—
S-5.5-B22	—	11/01/90	5.5	—	—	—	—	—	—
S-8-B22	—	11/01/90	8.0	—	—	—	—	—	—
S-3-B23	—	11/01/90	3.0	—	—	—	—	—	—
S-8-B23	—	11/01/90	8.0	—	—	—	—	—	—
S-5.5-B24	—	11/01/90	5.5	—	—	—	—	—	—
S-8-B24	—	11/01/90	8.0	—	—	—	—	—	—
S-5.5-B25	—	11/01/90	5.5	—	—	—	—	—	—
S-8-B25	—	11/01/90	8.0	—	—	—	—	—	—
S-5.5-B26	—	11/01/90	5.5	—	—	—	—	—	—
S-8-B26	—	11/01/90	8.0	—	—	—	—	—	—
S-5.5-B27	—	11/01/90	5.5	—	—	—	—	—	—

TABLE 2B
ADDITIONAL CUMULATIVE SOIL ANALYTICAL RESULTS
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Sample Location	Associated Well/Boring	Date Sampled	Depth (feet bgs)	ETBE	TAME	TBA	1,2-DCA	EDB	DIPE
				<---mg/Kg--->					
Soil Borings (cont.)									
S-8-B27	---	11/01/90	8.0	---	---	---	---	---	---
S-3-B28	---	11/02/90	3.0	---	---	---	---	---	---
S-8-B28	---	11/02/90	8.0	---	---	---	---	---	---
S-5.5-B29	---	11/02/90	5.5	---	---	---	---	---	---
S-8-B29	---	11/02/90	8.0	---	---	---	---	---	---
S-5.5-B30	---	11/02/90	5.5	---	---	---	---	---	---
S-8-B30	---	11/02/90	8.0	---	---	---	---	---	---
S-3.5-B35	VW1	02/11/93	3.5	---	---	---	---	---	---
S-6.5-B35	VW1	02/11/93	6.5	---	---	---	---	---	---
S-7.5-B35	VW1	02/11/93	7.5	---	---	---	---	---	---
S-9-B35	VW1	02/11/93	9.0	---	---	---	---	---	---
S-4-B36	VW2	02/11/93	4.0	---	---	---	---	---	---
S-7-B36	VW2	02/11/93	7.0	---	---	---	---	---	---
S-9.5-B36	VW2	02/11/93	9.5	---	---	---	---	---	---
S-4-B37	VW3	02/11/93	4.0	---	---	---	---	---	---
S-6-B37	VW3	02/11/93	6.0	---	---	---	---	---	---
S-7.5-B37	VW3	02/11/93	7.5	---	---	---	---	---	---
S-2-CPT1	---	04/06/05	2.0	<0.0020	<0.0020	<0.0502	<0.00201	<0.0020	<0.0020
S-4-CPT1	---	04/06/05	4.0	<0.0020	<0.0020	<0.0501	<0.00200	<0.0020	<0.0020
S-6-CPT1	---	04/06/05	6.0	<0.0020	<0.0020	<0.0497	<0.00199	<0.0020	<0.0020
S-2-CPT2	---	04/07/05	2.0	<0.0020	<0.0020	<0.0504	<0.00202	<0.0020	<0.0020
S-4-CPT2	---	04/07/05	4.0	<0.0020	<0.0020	<0.0502	<0.00201	<0.0020	<0.0020
S-6-CPT2	---	04/07/05	6.0	<0.0020	<0.0020	<0.0501	<0.00200	<0.0020	<0.0020
S-8-CPT2	---	04/07/05	8.0	<0.0020	<0.0020	<0.0500	<0.00200	<0.0020	<0.0020
S-2-CPT3	---	04/07/05	2.0	<0.0020	<0.0020	<0.0498	<0.00199	<0.0020	<0.0020
S-4-CPT3	---	04/07/05	4.0	<0.0020	<0.0020	<0.0496	<0.00198	<0.0020	<0.0020
S-6-CPT3	---	04/07/05	6.0	<0.0020	<0.0020	<0.0501	<0.00200	<0.0020	<0.0020
S-8-CPT3	---	04/07/05	8.0	<0.0020	<0.0020	<0.0502	<0.00201	<0.0020	<0.0020
S-2-CPT4	---	04/07/05	2.0	<0.0020	<0.0020	<0.0496	<0.00198	<0.0020	<0.0020
S-4-CPT4	---	04/07/05	4.0	<0.0020	<0.0020	<0.0505	<0.00202	<0.0020	<0.0020
S-6-CPT4	---	04/07/05	6.0	<0.0020	<0.0020	<0.0500	<0.00200	<0.0020	<0.0020
S-8-CPT4	---	04/07/05	8.0	<0.0020	<0.0020	0.0567	<0.00199	<0.0020	<0.0020
S-2-CPT5	---	04/07/05	2.0	<0.0020	<0.0020	<0.0497	<0.00199	<0.0020	<0.0020
S-4-CPT5	---	04/07/05	4.0	<0.0020	<0.0020	<0.0501	<0.00200	<0.0020	<0.0020
S-6-CPT5	---	04/07/05	6.0	<0.0020	<0.0020	<0.0495	<0.00198	<0.0020	<0.0020
S-8-CPT5	---	04/07/05	8.0	<0.0020	<0.0020	<0.0499	<0.00200	<0.0020	<0.0020
S-2-CPT6	---	04/06/05	2.0	<0.0020	<0.0020	<0.0499	<0.00200	<0.0020	<0.0020
S-4-CPT6	---	04/06/05	4.0	<0.0020	<0.0020	<0.0502	<0.00201	<0.0020	<0.0020
S-6-CPT6	---	04/06/05	6.0	<0.0020	<0.0020	<0.0504	<0.00202	<0.0020	<0.0020
S-8-CPT6	---	04/06/05	8.0	<0.0020	<0.0020	<0.0502	<0.00201	<0.0020	<0.0020
S-2-DP1	---	04/07/05	2.0	<0.0020	<0.0020	<0.0504	<0.00202	<0.0020	<0.0020
S-4-DP1	---	04/07/05	4.0	<0.0020	<0.0020	<0.0502	<0.00201	<0.0020	<0.0020
S-6-DP1	---	04/07/05	6.0	<0.0020	<0.0020	<0.0496	<0.00198	<0.0020	<0.0020
S-8-DP1	---	04/07/05	8.0	<0.100	<0.100	<2.50	<0.100	<0.100	<0.100
S-10.5-DP1	---	04/14/05	10.5	<0.0020	<0.0020	<0.0500	<0.00200	<0.0020	<0.0020
S-2-DP3	---	04/06/05	2.0	<0.0020	<0.0020	<0.0504	<0.00202	<0.0020	<0.0020
S-4-DP3	---	04/06/05	4.0	<0.0020	<0.0020	<0.0502	<0.00201	<0.0020	<0.0020
S-6-DP3	---	04/06/05	6.0	<0.0020	<0.0020	<0.0501	<0.00200	<0.0020	<0.0020
S-8-DP3	---	04/06/05	8.0	<0.0020	<0.0020	<0.0502	<0.00201	<0.0020	<0.0020
S-9.5-DP3	---	04/14/05	9.5	<0.0020	<0.0020	<0.0496	<0.00198	<0.0020	<0.0020
S-12-DP3	---	04/14/05	12.0	<0.0020	<0.0020	<0.0496	<0.00198	<0.0020	<0.0020

TABLE 2B
ADDITIONAL CUMULATIVE SOIL ANALYTICAL RESULTS
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Sample Location	Associated Well/Boring	Date Sampled	Depth (feet bgs)	ETBE	TAME	TBA	1,2-DCA	EDB	DIPE
				<————		mg/Kg			————>
Soil Borings (cont.)									
S-2-DP4	—	04/07/05	2.0	<0.0020	<0.0020	<0.0498	<0.00199	<0.0020	<0.0020
S-4-DP4	—	04/07/05	4.0	<0.0020	<0.0020	<0.0503	<0.00201	<0.0020	<0.0020
S-6-DP4	—	04/07/05	6.0	<0.0020	<0.0020	<0.0498	<0.00199	<0.0020	<0.0020
S-8-DP4	—	04/07/05	8.0	<0.0020	<0.0020	<0.0497	<0.00199	<0.0020	<0.0020
S-10.5-DP4	—	04/14/05	10.5	<0.0020	<0.0020	<0.0502	<0.00201	<0.0020	<0.0020
S-2-DP5	—	04/07/05	2.0	<0.0020	<0.0020	<0.0496	<0.00198	<0.0020	<0.0020
S-4-DP5	—	04/07/05	4.0	<0.0020	<0.0020	<0.0498	<0.00199	<0.0020	<0.0020
S-6-DP5	—	04/07/05	6.0	<0.0020	<0.0020	<0.0501	<0.00200	<0.0020	<0.0020
S-8-DP5	—	04/07/05	8.0	<0.0020	<0.0020	<0.0500	<0.00200	<0.0020	<0.0020
S-10.5-DP5	—	04/14/05	10.5	<0.0020	<0.0020	<0.0501	<0.00200	<0.0020	<0.0020
S-2-DP6	—	04/06/05	2.0	<0.0020	<0.0020	<0.0500	<0.00200	<0.0020	<0.0020
S-4-DP6	—	04/06/05	4.0	<0.0020	<0.0020	<0.0498	<0.00199	<0.0020	<0.0020
S-6-DP6	—	04/06/05	6.0	<0.0020	<0.0020	<0.0498	<0.00199	<0.0020	<0.0020
Product Line Trench Samples									
S3-Trench	—	04/28/87	3.0	—	—	—	—	—	—
S(3A+3B)	—	05/05/87	—	—	—	—	—	—	—
S(3C+3D)	—	05/05/87	—	—	—	—	—	—	—
S(3E+3F+3G)	—	05/05/87	—	—	—	—	—	—	—
S-1T	—	06/03/87	—	—	—	—	—	—	—
S-2T	—	06/03/87	—	—	—	—	—	—	—
S-3T	—	06/03/87	—	—	—	—	—	—	—
S-4T	—	06/03/87	—	—	—	—	—	—	—
S-1A	—	07/26/89	5.0	—	—	—	—	—	—
S-1B	—	07/26/89	9.0	—	—	—	—	—	—
S-2A	—	08/04/89	9.0	—	—	—	—	—	—
S-3A	—	08/04/89	9.0	—	—	—	—	—	—
S-4A	—	08/04/89	9.0	—	—	—	—	—	—
Old Tank Pit Samples									
S-5-T1F	—	04/28/87	5.0	—	—	—	—	—	—
S-5-T1P	—	04/28/87	5.0	—	—	—	—	—	—
S-5-T2F	—	04/28/87	5.0	—	—	—	—	—	—
S-5-T2P	—	04/28/87	5.0	—	—	—	—	—	—
S-5-T3F	—	04/28/87	5.0	—	—	—	—	—	—
S-5-T3P	—	04/28/87	5.0	—	—	—	—	—	—
S-5-WOT	—	04/28/87	5.0	—	—	—	—	—	—
S-8-N	—	05/05/87	8.0	—	—	—	—	—	—
S-10-E	—	05/05/87	10.0	—	—	—	—	—	—
S-7-S	—	05/05/87	7.0	—	—	—	—	—	—
S-6-W	—	05/05/87	6.0	—	—	—	—	—	—
S-16-S	—	05/06/87	16.0	c	c	c	c	c	c
S1	—	05/14/87	14.0	c	c	c	c	c	c
S2	—	05/14/87	14.0	—	—	—	—	—	—
S-14EE	—	05/15/87	14.0	—	—	—	—	—	—

TABLE 2B
ADDITIONAL CUMULATIVE SOIL ANALYTICAL RESULTS
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Sample Location	Associated Well/Boring	Date Sampled	Depth (feet bgs)	ETBE	TAME	TBA	1,2-DCA	EDB	DIPE
				<----------mg/Kg---------->					
New Tank Pit Excavation				---	---	---	---	---	---
S-12-TPW1	---	01/15/91	12.0	---	---	---	---	---	---
S-8-TPW2	---	01/15/91	8.0	---	---	---	---	---	---
S-12-TPW4	---	01/15/91	12.0	---	---	---	---	---	---
S-8-TPW5	---	01/15/91	8.0	---	---	---	---	---	---
S-4-TPW6	---	01/15/91	4.0	---	---	---	---	---	---
S-8-TPW8	---	01/15/91	8.0	---	---	---	---	---	---
S-4-TPW9	---	01/15/91	4.0	---	---	---	---	---	---
S-12-TPW10	---	01/15/91	12.0	---	---	---	---	---	---
S-8-TPW11	---	01/15/91	8.0	---	---	---	---	---	---
S-4-TPW12	---	01/15/91	4.0	---	---	---	---	---	---
S-15-TPF1	---	01/15/91	15.0	---	---	---	---	---	---
S-15-TPF2	---	01/15/91	15.0	---	---	---	---	---	---
S-15-TPF3	---	01/15/91	15.0	---	---	---	---	---	---
S-15-TPF4	---	01/15/91	15.0	---	---	---	---	---	---

Notes:

S-2-CPT1	=	Soil - Sample Depth - Sample Location.
TPHd	=	Total petroleum hydrocarbons as diesel analyzed using EPA Method 8015B.
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8015B.
MTBE	=	Methyl tertiary butyl ether analyzed using EPA Method 8260B.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B.
ETBE	=	Ethyl tertiary butyl ether analyzed using EPA Method 8260B.
TAME	=	Tertiary amyl methy ether analyzed using EPA Method 8260B.
TBA	=	Tertiary butyl alcohol analyzed using EPA Method 8260B.
1,2-DCA	=	1,2-Dichloroethane analyzed using EPA Method 8260B.
EDB	=	1,2-Dibromoethane analyzed using EPA Method 8260B.
DIPE	=	Di-isopropyl ether analyzed using EPA Method 8260B.
(ft bgs)	=	Feet below ground surface.
mg/Kg	=	Milligrams per Kilogram.
<	=	Less than the stated reporting limit.
a	=	TPHd result was not consistent with diesel fuel.
b	=	Hydrocarbons greater than C22 were detected. 460 mg/Kg Oil and Grease by SM5520 detected.
c	=	Data missing from historical files.

TABLE 3
WELL CONSTRUCTION DETAILS
Former Exxon Service Station 7-3006
720 High Street
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
MW1	05/21/88	12.79	NS	29.0	29.0	4	NS	4.0-29.0	NS	2-29	NS
MW2	09/10/87	13.06	NS	36.0	35.0	4	NS	10.0-35.0	NS	8-36	NS
MW3	09/10/87	13.71	NS	36.0	35.0	4	NS	10.0-35.0	NS	8-36	NS
MW4	09/10/87	12.77	NS	36.0	35.0	4	NS	10.0-35.0	NS	8-36	NS
MW5	Well destroyed										
MW6	09/10/87	14.23	NS	36.0	35.0	4	NS	10.0-35.0	NS	8-36	NS
MW7	Well destroyed										
MW8	Well destroyed										
MW9	Well destroyed										
MW10	Well destroyed										
MW11	Well destroyed										
MW12	11/27/89	12.61	10	15.5	15.5	4	PVC	5.0-15.0	0.010	4-15.5	NS
MW13	Well destroyed										
MW14	10/31/90	15.14	10	18.5	17.0	4	PVC	7.0-17.0	0.010	5.5-17	NS
MW15	Well destroyed.										
VW1	Well destroyed.										
VW2	Well destroyed.										
VW3	Well destroyed.										

TABLE 3
WELL CONSTRUCTION DETAILS
Former Exxon Service Station 7-3006
720 High Street
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
AS1	Information not available.										
AS2	Information not available.										
AS3	Information not available.										
AS4	Information not available.										
AS5	Information not available.										
AS6	Information not available.										
RW1	April 1994	NS	NS	16.88	NS	6	NS	---	NS	NS	NS
RW2	April 1994	NS	NS	16.82	NS	6	NS	---	NS	NS	NS
RW3	April 1994	NS	NS	16.72	NS	6	NS	---	NS	NS	NS
RW4	April 1994	NS	NS	17.18	NS	6	NS	---	NS	NS	NS
RW5	Well destroyed.										
RW6	Well destroyed.										
RW7	Well destroyed.										

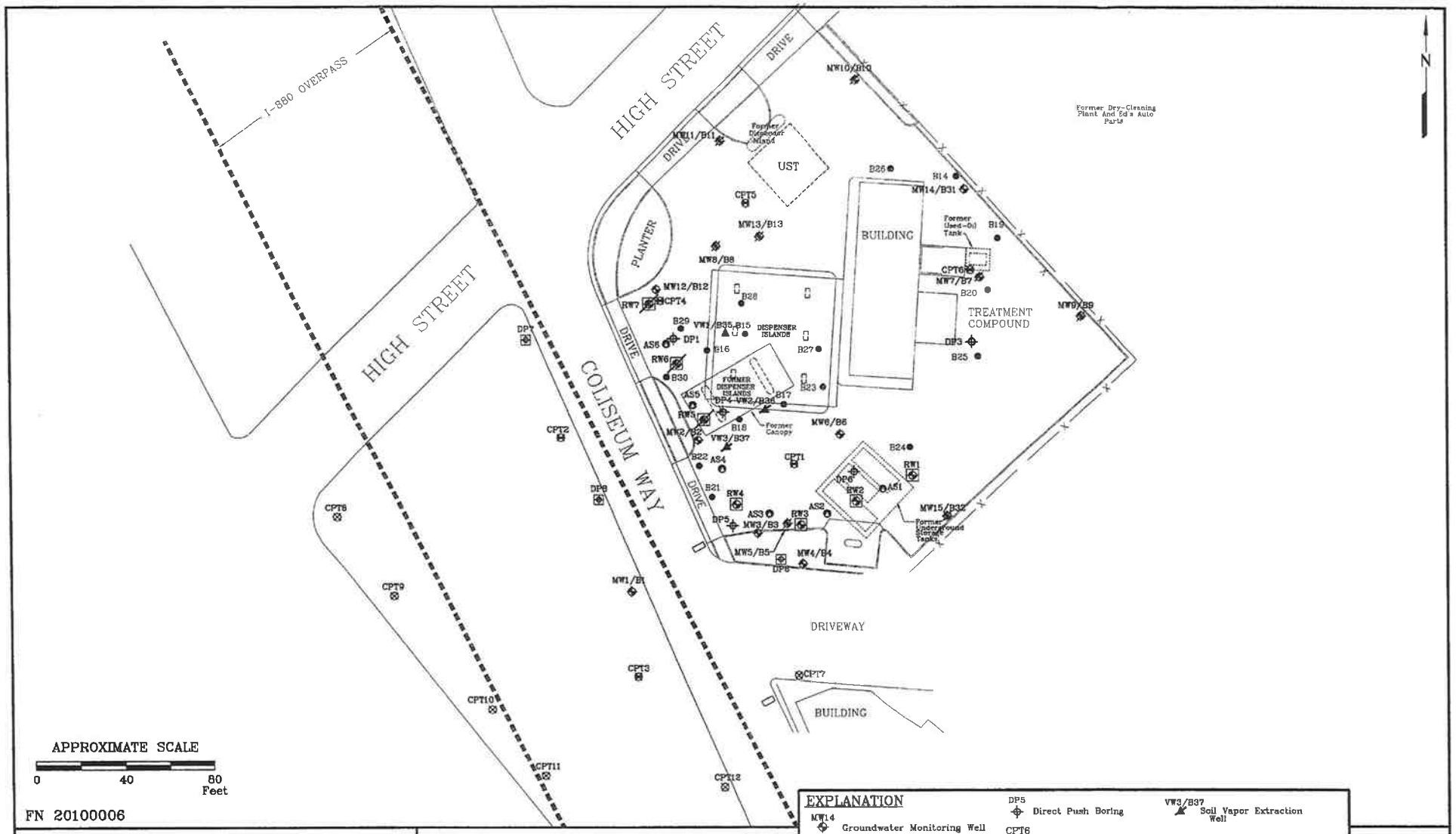
Notes:
TOC = Top of well casing elevation; datum is mean sea level.
fbgs = Feet below ground surface.
NS = Not specified.

TABLE 4
GRAB GROUNDWATER ANALYTICAL RESULTS
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Sample #	Depth (ft bgs)	Date	TPHd	TPHg	MTBE	B	T	E	X	ETBE	TAME	TBA	EDB	1,2-DCA	DIPE
				µg/L											
W-18-CPT1	18	04/12/05	187a	<50.0	1.00	<0.50	<0.5	<0.5	<0.5	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
W-10-CPT2	10	04/13/05	—	1,060,000	85.0	1,380	1,280	400	4,340	<5.00	<5.00	<100	<5.00	<5.00	18.0
W-26-CPT2	26	04/13/05	283a	240	299	<0.50	<0.5	<0.5	<0.5	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
W-10-CPT3	10	04/13/05	76,800	358	107	<0.50	<0.5	<0.5	1.1	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
W-29-CPT3	29	04/13/05	450a	1,240	1.80	<0.50	<0.5	<0.5	<0.5	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
W-10-CPT4	10	04/12/05	15,700a	10,600	129	233	17.0	557	83.0	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
W-24-CPT4	24	04/12/05	377a	171	48.3	0.50	<0.5	2.5	2.9	<0.50	<0.50	<10.0	<0.50	7.60	<0.50
W-10-CPT5	10	04/12/05	5,520a	2,200	<0.50	13.2	2.5	5.7	2.2	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
W-10-CPT6	10	04/11/05	1,110a	570	<0.50	<0.50	<0.5	<0.5	1.0	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
W-30-CPT6	30	04/11/05	—	177	<0.50	<0.50	<0.5	<0.5	<0.5	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
W-30-CPT6	30	04/12/05	473a	—	—	—	—	—	—	—	—	—	—	—	—
W-12-DP1	12	04/14/05	23,000a	30,000	146	1,700	250	770	4,980	<0.50	4.80	138	<0.50	<0.50	<0.50
W-12-DP3	12	04/14/05	11,100a	2,200	<0.50	12.6	5.7	2.3	13.8	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
W-12-DP4	12	04/14/05	20,200a	42,400	13.4	7,000	260	4,760	1,720	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
W-12-DP5	12	04/14/05	182,000	32,100	18.7	2,890	96.0	336	186	<0.50	<0.50	<10.0	<0.50	<0.50	0.60
W-12-DP6	12	04/14/05	338a	<50.0	<0.50	<0.50	<0.5	<0.5	<0.5	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50

Notes:

W-2-CPT1	=	Water - Sample Depth - Boring Number.
TPHd	=	Total petroleum hydrocarbons as diesel analyzed using modified EPA Method 8015B.
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using modified EPA Method 8015B.
MTBE	=	Methyl tertiary butyl ether analyzed using EPA Method 8260B.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B.
ETBE	=	Ethyl tertiary butyl ether analyzed using EPA Method 8260B.
TAME	=	Tertiary amyl methy ether analyzed using EPA Method 8260B.
TBA	=	Tertiary butyl alcohol analyzed using EPA Method 8260B.
1,2-DCA	=	1,2-dichloroethane analyzed using EPA Method 8260B.
EDB	=	1,2-dibromoethane analyzed using EPA Method 8260B.
DIPE	=	Di-isopropyl ether analyzed using EPA Method 8260B.
(fbgs)	=	Feet below ground surface.
<	=	Less than the stated reporting limit.
—	=	Not analyzed/Not sampled.
a	=	TPHd result was not consistent with diesel fuel.



FN 20100006

ERI ENVIRONMENTAL RESOLUTIONS, INC.

GENERALIZED SITE PLAN

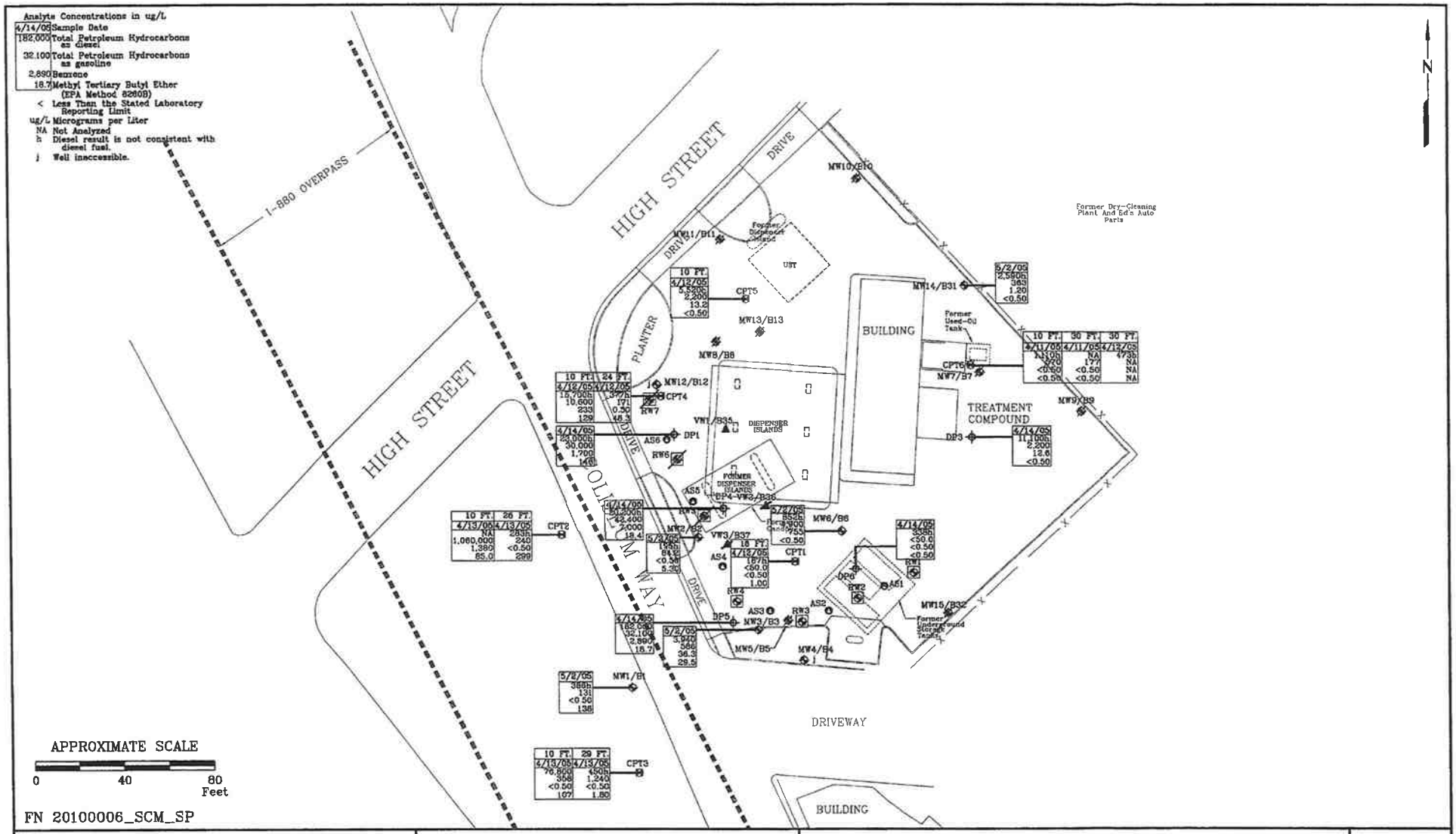
FORMER
EXXON SERVICE STATION 7-3006
720 High Street
Oakland, California

EXPLANATION

- MW14 Groundwater Monitoring Well
- B30 Soil Boring/Soil Sample
- AS6 Air Sparge Well
- RW4 Recovery Well
- DP5 Direct Push Boring
- CPT6 Cone Penetrometer Test Boring
- VW1/B35 Soil Vapor Extraction Well
- RW7 Destroyed Recovery Well
- MW15 Destroyed Groundwater Monitoring Well
- VW3/B37 Soil Vapor Extraction Well
- CPT12 Proposed Cone Penetrometer Test Boring
- DP8 Proposed Direct Push Boring
- Utility Trench Sampling Point

PROJECT NO. 2010

PLATE 1



SELECT GROUNDWATER ANALYTICAL RESULTS
April 11-14 and May 5, 2005

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

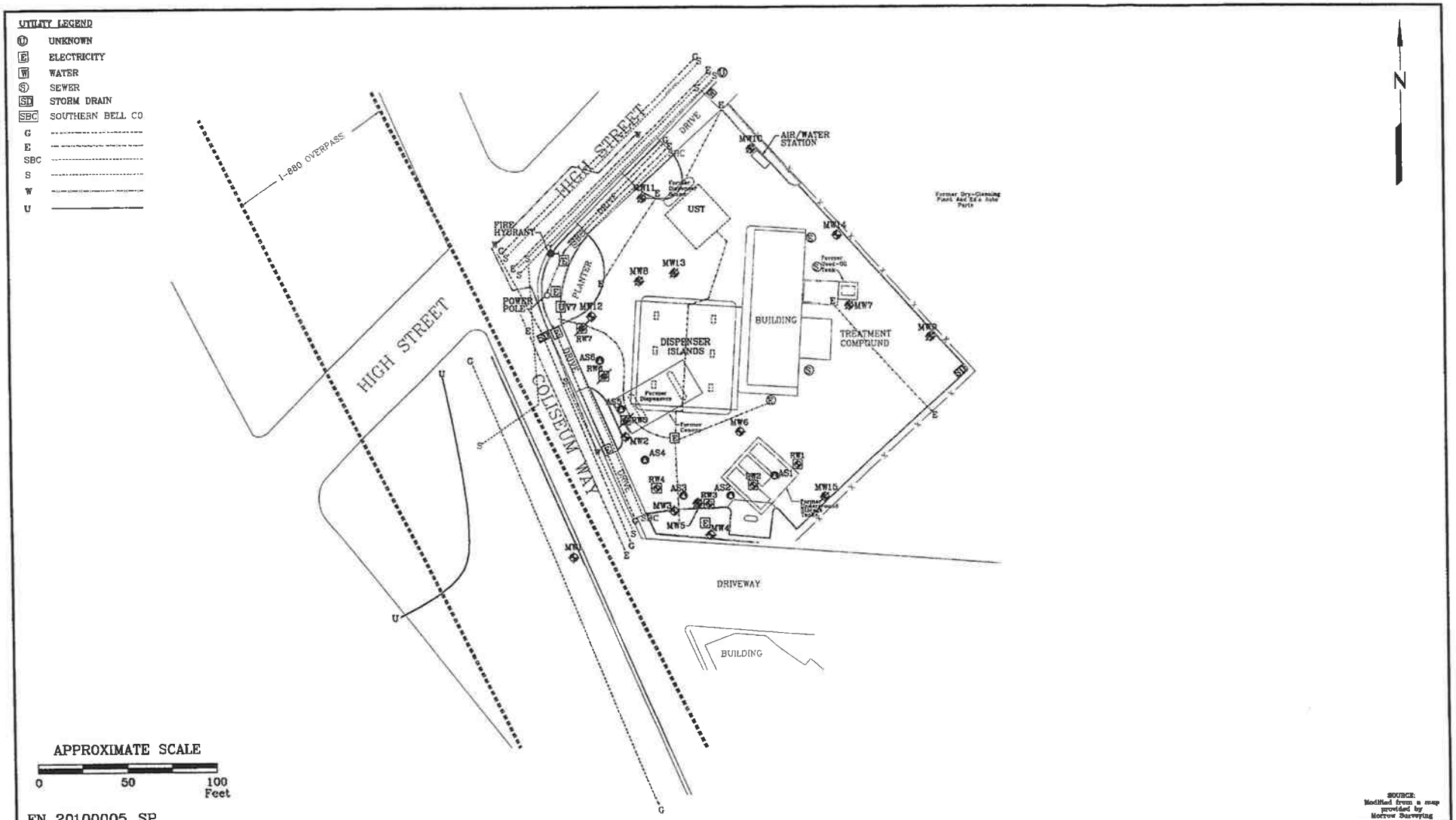
ERI ENVIRONMENTAL RESOLUTIONS, INC.

EXPLANATION

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

PROJECT NO. 2010

PLATE 2



ENVIRONMENTAL RESOLUTIONS, INC.

UTILITY MAP

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

EXPLANATION

- MW14 Groundwater Monitoring Well
- AS6 Air Sparge Well
- MW15 Destroyed Groundwater Monitoring Well
- RW4 Recovery Well
- RW7 Destroyed Recovery Well

PROJECT NO. 2010

PLATE 3

ATTACHMENT A

REGULATORY CORRESPONDENCE

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

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

RO0000491

June 7, 2005

Ms. Jennifer C. Sedlachek
ExxonMobil Corporation
4096 Peidmont Ave. #194
Oakland, CA 94611

Re: Former Exxon Service Station 7-3006, 720 High St., Oakland CA 94601

Dear Ms. Sedlachek:

Alameda County Environmental Health has received and reviewed the "May 24, 2005, Site Conceptual Model report", by Mr. James F. Chappell of Environmental Resolution Inc., and other documents regarding the above referenced site. As you are aware, there have been several meetings and discussions with you and or your representatives as well as with Mr. Mashoon, the current property owner, regarding the above referenced site. We request that you address the following technical comments, perform the proposed work, and send us the technical reports requested below.

TECHNICAL COMMENTS

- There has been some reduction in the concentrations of the CoCs.
- Additional work regarding the plume delineation work should concentrate on the south, west, and southwest areas for CoCs.
- As you are aware, it is still unclear whether the utility trenches provide any preferential pathway for the plume. Further investigation is necessary to determine this possibility.
- Further investigation of the site is necessary to address the litho logical discrepancies revealed by CPTs versus well logs and soil borings in the past.
- Please submit a workplan to address all the above issues.
- Further refinement of the Site Conceptual Model must be performed after the above issues are addressed.

TECHNICAL REPORT REQUEST

Please submit the following technical reports to Alameda County Department of Environmental Health (Attention: Amir K. Gholami):

July 7, 2005 Work Plan

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.

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

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.

Should you have any questions, please do not hesitate to call me at 510-567-6876.

Sincerely,

Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Mr. James F. Chappell, ERI, 73 Digital Drive, Suite 100, Novato, CA 94949-5791
Mr. M. Mashhoon, Mash Petroleum, Inc., 1721 Jefferson Street, Oakland, CA 94612
D. Drogos, A. Gholami

ATTACHMENT B

FIELD PROTOCOL

FIELD PROTOCOL

FIELD PROTOCOL

Site Safety Plan

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

Drilling of Soil Borings

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

The soil borings will be advanced using dual-tube or direct-push technology. A dual tube system consists of a large diameter (up to 3.5 inches) outer rod which serves as a temporary drive casing nested with an inner sample rods and sample barrel (up to 2.6 inches) used to obtain and retrieve the soil cores. The dual tubes are simultaneously pushed, pounded, or vibrated into the ground.

As the rods are advanced, soil is forced up inside of a three-foot sample barrel that is attached to the end of the inner rods. Soil samples are collected in stainless steel or clear plastic sample liners inside the sample barrel as both rods are advanced. After being driven three feet, the inner rods and sample barrel are retrieved, and the sample liners are removed from the sample barrel and are either package for chemical analysis or visually inspected for lithologic identification. Clean empty liners are placed into a new three foot sample barrel and attached to the rods and lowered to the bottom of the hole and the process is repeated until the total depth of the borehole is reached.

The larger outer diameter rods are left in place while the inner rod and sample barrel is retrieved. This prevents the borehole from collapsing and ensures that the soil samples are collected from the targeted depth rather than potentially be contaminated with slough from higher up in the borehole.

The drive casing, sampling rods, sample barrels, and tools will be steam-cleaned before use and between boreholes to minimize the possibility of cross-hole contamination. The rinsate will be contained in drums and stored on site. ERI will coordinate with Exxon Mobil for appropriate disposal of the rinsate.

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

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

drilling will be placed on plastic sheeting and covered and left at the site. ERI will coordinate with Exxon Mobil for the soil to be removed to an appropriate disposal facility.

Grab Groundwater Sample Collection through Direct Push Rods

At first encountered groundwater, the sample barrel and inner rods will be removed from the borehole. Small diameter well casing with 0.010" slotted well screen may be installed to facilitate the collection of groundwater samples. The temporary well is lowered through the drive casing and then the drive casing is pulled up approximately 0.5 feet to 2 feet to expose the slotted interval and allow groundwater to flow into the borehole. Groundwater samples may then be collected from within the drive casing with a new disposable bailer or peristaltic pump. When using dual-wall direct-push technology, the outer rods seal off upper portions of the aquifer while coring to the lower depths. Groundwater samples from lower depths can be collected by removing the inner coring rods while the outer rods remain in place, and attaching drive rods to a groundwater sampling probe such as the HydroPunch II® (HP II), which is then inserted inside the outer rods of the dual-wall equipment. A 5-foot long disposable screen and tip is inserted into the HP-II, the HP-II is pushed to the desired depth and the outer body of the HP-II is retracted. The disposable screen is exposed to the ground water and a ¾-inch inner-diameter bailer is lowered through the rods and into the screened zone for sample collection.

Cone Penetration Test Borings

Cone Penetration Test (CPT) borings will be advanced using direct push technology under the observation of a field geologist.

Grab Groundwater Sampling through Hydropunch Equipment

The Hydropunch® sampler (or similar) provides a method for collecting groundwater samples at multiple depths in the same borehole. To sample groundwater, the sample tool is pushed to the selected depth beneath the water table, then withdrawn to expose an inlet screen. Alternatively, a temporary casing is placed within the casing. A water sample is then collected and promptly transported in iced storage in a thermally-insulated ice chest, accompanied by a Chain of Custody Record, to a California-certified laboratory.

Borehole Grouting

After soil and grab groundwater sampling have been completed, all boreholes will be backfilled with cement grout containing less that 5 percent pure sodium bentonite. The grout will be pumped through a tremie pipe positioned at the bottom of the boreholes.

ATTACHMENT B

AGENCY CORRESPONDENCE

July 24, 2006

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

Mr. Mohammad Mashhoon
Mash Petroleum Inc.
5725 Thornhill Drive
Oakland, CA 94611

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

Subject: Fuel Leak Case No. RO0000491, Exxon #7-3006, 720 High Street, Oakland, CA 94601

Dear Ms. Sedlachek: Mr. Mashhoon and Chu

Alameda County Environmental Health Department (ACEH) staff has reviewed the recently submitted reports entitled, "Groundwater Monitoring Report, First Quarter 2006", and "Work Plan for Additional Soil and Groundwater Investigation", dated March 31 and March 29 2006, respectively and prepared on your behalf by Environmental Resolutions Inc. (ERI). ACEH agrees with the need for additional on-site and off-site soil and groundwater investigation in order to properly characterize soil and groundwater contamination issues on site and immediately downgradient of the site.

Currently, elevated concentrations of petroleum hydrocarbons occur throughout the site, of particular concern is groundwater in the southwest portion of the site in the vicinity of DP-4 and DP-5. During the April 2005 investigation groundwater samples collected for these two borings tested 42,400 and 32,100 µg/L for TPHg, respectively. In addition, the April 2005 investigation detected groundwater contamination off site at maximum concentrations of 1,060,000 µg/L TPHg, which are indicative of free product, from a grab groundwater sample collected at soil boring CPT-2. Moreover, at a depth of 26 feet bgs groundwater contamination was also discovered in boring CPT-2. While groundwater samples collected at 29 feet bgs from boring CPT-3 tested 1,240 µg/L TPHg, suggesting that the vertical extent of contamination has not been delineated. 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 for Soil and Groundwater Sampling.** Current conditions along the southwest property line of the site indicate the presence of elevated concentrations of petroleum hydrocarbons in soil and groundwater, both on site and off site. The recent site investigation completed in April 2005 consisted of the installation of five on site direct push borings and four on site CPT borings. Results of the investigation determined that free phase petroleum hydrocarbons are present in the vicinity of CPT-2, and groundwater samples collected tested 1,060,000 µg/L TPHg. Additionally, according to the soil analytical data from the April 2005 investigation TPHg concentrations in on site borings DP-1, DP-4 and DP-5 appear to increase with depth, up to 10.5 feet bgs.

   ERI suggests that soil sampling be completed to a maximum depth of 20 feet bgs. However, considering that groundwater samples collected below 20 feet bgs. tested elevated concentrations of petroleum hydrocarbon, ACEH is concerned that the suggested maximum sampling depth will not adequately define the vertical extent of petroleum hydrocarbon contamination off site. Please describe your rational for choosing the maximum depth of 20 feet bgs. for soil sampling based on site hydrogeology, previous site investigations and soil and groundwater analytical results.

   Furthermore, limited soil analytical data has been collected at depths greater than 10 feet bgs. ACEH requests that off site soil characterization, including soil sampling and soil logging should be completed to total depth of at least 30 feet. ACEH recommends that during soil boring installation, soil samples should be screened with a PID and examined for visible staining and hydrocarbon odor. ACEH request that soil samples be collected as follows; any interval where staining, odor, or elevated PID readings occur, the capillary fringe, where groundwater is first encountered and distinct changes in lithology. If no change in lithology occur then collect samples at five foot intervals until a total depth is reached. The results of the proposed investigation are to be presented in the report requested below.

2. **CPT/Hydropunch Groundwater Sampling.** ACEH agrees with need for depth discrete groundwater sampling. Considering the results of the April 2005 investigation, of particular concern are the 1240 µg/L TPHg concentrations in CPT-3 at 29 feet bgs, 240 µg/L TPHg in CPT-2 at 26 feet bgs and 171 µg/L TPHg in CPT-4 at 24 feet bgs. ACEH recommends using the soil boring data to target discrete groundwater bearing zones and direct groundwater sampling activities accordingly. Please present the results of the investigation in the report requested below.

3. **Chemical Analysis.** ACEH concurs with the proposed chemical analyses for all soil and groundwater samples. We also request that EtOH be added to the list of constituents for laboratory analysis for both soil and groundwater.

4. **Survey of Potential Preferential Pathways**. Given the groundwater elevation in the area it is possible that utilities trenches may be acting as a preferential pathway to transmit petroleum hydrocarbon contamination downgradient of the site. In April 2004 a utility survey was conducted for the site; however, no determination was made as to whether the utilities were acting as a migration pathway for petroleum hydrocarbons downgradient of the site. ACEH agrees with the proposal to perform a conduit survey along Coliseum Way and evaluate the presence of preferential migration pathways. ACEH requests that one additional pothole location be added along Coliseum Way between DP-6 and DP-7. However, if it is not possible to collect groundwater samples as expected, we request that soil samples be

collected instead. Any soil or groundwater samples collected are to be analyzed for the suite of constituents as proposed by ERI, with the addition of EtOH. ACEH requests that the results from the survey of potential preferential pathways be presented in the report requested below. We request that you also use graphics to depict your results (maps, cross-sections, etc).

5. **Access Agreements.** ACEH will provide you with a standard letter requesting cooperation during the investigation and allowing access that can be sent to property owners you identify in the area that may be affected.

6. **Groundwater Monitoring Well Rehabilitation and Location.** Results of the most recent groundwater monitoring conducted in January 2006 demonstrate that groundwater contamination remains a concern at the site. In addition, free phase hydrocarbons have been detected in several on site monitoring wells including MW-4 and MW-12, which are currently covered with asphalt and inaccessible. The location of monitoring wells MW-4 and MW-12 is important because these monitoring wells define the northwest and southwest extent of the property. ACEH requests that every attempt be made to locate monitoring wells MW-4 and MW-12 and rehabilitate the wells if possible. If the monitoring wells are located and still in operable condition they should be redeveloped and included in future groundwater monitoring activities at the site. However, in the event that the wells cannot be rehabilitated the wells should be decommissioned in compliance with Alameda County Department of Public Works guidelines for well decommissioning. This work should be performed as part of the proposed site investigation and utility survey.

7. **Monitoring Well Installation.** Currently, five monitoring wells at the site have screen intervals that are at least 25 feet in length. Please explain the rational to define the vertical extent of groundwater contamination and to assess, based on site-specific conditions, whether the long screen wells provide accurate groundwater monitoring results, which may not be consistent with the collection of depth discrete groundwater samples due to various conditions that can occur within the well bore. ACEH suggests the use of monitoring wells designed with sand pack intervals of 2'-5 or less, as these wells will likely be representative of depth discrete groundwater conditions.

8. **Site Conceptual Model (SCM).** ACEH appreciate the submittal of the SCM from ExxonMobil. The current SCM should be combined with information obtained from the proposed soil and groundwater investigation, reflecting current conditions at the site. The SCM for this site is to incorporate, but not be limited to, the following:

   A. A concise narrative discussion of the regional geologic and hydrogeologic setting. Include a list of technical references you reviewed.

   B. A concise discussion of the on-site and off-site geology, hydrogeology, release source and history, secondary source areas, remediation status, risk assessment, plume migration, attenuation mechanisms, preferential pathways, and potential threat to downgradient receptors. The SCM shall include an analysis of the hydraulic flow system at and downgradient from the site, including potential vertical hydraulic gradients.

   C. Local and regional maps showing location of sources, extent of soil and groundwater contamination for appropriate depth intervals (i.e., an interpretive drawings and isoconcentration maps—not a plot of laboratory results), rose diagram of recent and historical groundwater gradients, and locations of receptors. "Receptors" include, but are

not limited to, all supply wells and surface water bodies within 2,000 feet of the source area, and all potentially impacted schools, hospitals, daycare facilities, residences, and other areas of heightened concern for vapor impacts.

D. 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, etc.
    7. Where appropriate, monitoring well location and soil boring locations will be projected back to the strike of the cross section line.

E. 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.

F. Exposure evaluation flowchart (similar to Figure 2 in ASTM's Standard Guide for Risk-Based Corrective Action Applied at Petroleum Release Sites) and/or a graphical SCM (similar to Figure 1 in the Central Valley Regional Water Quality Control Board's Appendix A – Reports, Tri - Regional Board Staff Recommendations For Preliminary Investigation And Evaluation Of Underground Tank Sites, 16 April 2004).

G. 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.

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

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

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

Please report the information discussed above in your initial SCM and include it in the SCM Report requested below. Also Include updates to your SCM in subsequent reports.

TECHNICAL REPORT REQUEST

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

- **August 30, 2006** – Soil and Groundwater Investigation Report with updated Site Conceptual Model

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

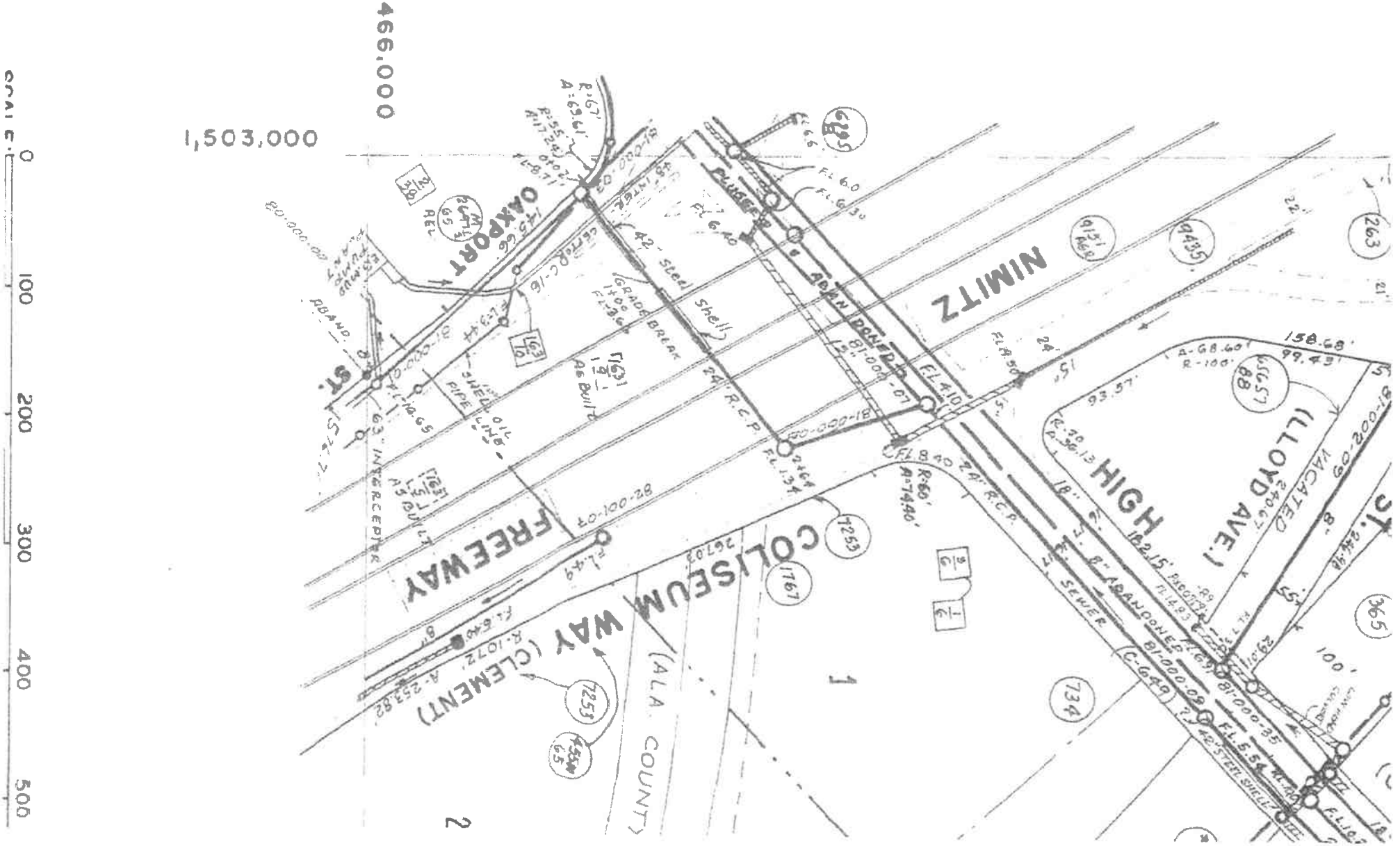
cc: Ms. Paula Sime
Environmental Resolutions Inc.
601 North McDowell Boulevard
Petaluma, CA 94954

Donna Drogos, ACEH
Steven Plunkett, ACEH
File

ATTACHMENT C

CITY OF OAKLAND UTILITY MAP

(FC-G-45) 41th [illegible]
(FC-G-61) 45th Ave btwn E14th & Bancroft 2/10/75 C95810 45TH AVE 4/7/04
(FC-12-46) RCB for Peralta Creek 3/9/76
D-9372-77 [illegible]
73970 [illegible]



ATTACHMENT D

ERI'S WORKERS COMPENSATION CERTIFICATE, CERTIFICATE OF LIABILITY INSURANCE, AND CONTRACTORS LICENSE

JUN 2 7 2007

POLICYHOLDER COPY SG

STATE COMPENSATION INSURANCE FUND

P.O. BOX 420807, SAN FRANCISCO,CA 94142-0807

CERTIFICATE OF WORKERS' COMPENSATION INSURANCE

ISSUE DATE: 07-01-2007

GROUP: 000092
POLICY NUMBER: 0000265-2007
CERTIFICATE ID: 382
CERTIFICATE EXPIRES: 07-01-2008
07-01-2007/07-01-2008

General Information Only SG JOB:ALL CALIFORNIA OPERATIONS

This is to certify that we have issued a valid Workers' Compensation insurance policy in a form approved by the California Insurance Commissioner to the employer named below for the policy period indicated.

This policy is not subject to cancellation by the Fund except upon 30 days advance written notice to the employer.

We will also give you 30 days advance notice should this policy be cancelled prior to its normal expiration.

This certificate of insurance is not an insurance policy and does not amend, extend or alter the coverage afforded by the policy listed herein. Notwithstanding any requirement, term or condition of any contract or other document with respect to which this certificate of insurance may be issued or to which it may pertain, the insurance afforded by the policy described herein is subject to all the terms, exclusions, and conditions, of such policy.

AUTHORIZED REPRESENTATIVE

PRESIDENT

EMPLOYER'S LIABILITY LIMIT INCLUDING DEFENSE COSTS: $1,000,000 PER OCCURRENCE.

ENDORSEMENT #2065 ENTITLED CERTIFICATE HOLDERS' NOTICE EFFECTIVE 07-01-1997 IS ATTACHED TO AND FORMS A PART OF THIS POLICY.

EMPLOYER

ENVIRONMENTAL RESOLUTIONS, INC. SG
20372 N SEA CIR
LAKE FOREST CA 92630

(REV.2-05)

M0410

PRINTED : 06-15-2007

ACORD™ CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 11/10/2006

PRODUCER Phone: 213-787-1100 Fax: 213-787-1164

Frenkel & Company, Inc.
Environmental Risk Services
725 South Figueroa, Suite #2200
Los Angeles CA 90017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURED

Environmental Resolutions, Inc.
23141 Verdugo Dr., Suite 103
Laguna Hills CA 92653

INSURERS AFFORDING COVERAGE	NAIC #
INSURER A: American Safety Casualty Insu	
INSURER B: American Safety Ind Co	
INSURER C: Hartford Casualty Insurance C	
INSURER D:	
INSURER E:	

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	ADD'L INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
A		GENERAL LIABILITY	ENV011306-06-02	11/12/2006	11/12/2007		
		X COMMERCIAL GENERAL LIABILITY				EACH OCCURRENCE	$ 1,000,000
		[ ] CLAIMS MADE [X] OCCUR				DAMAGE TO RENTED PREMISES (Ea occurence)	$ 50,000
		X Cont.Poll.Liab.				MED EXP (Any one person)	$ 5,000
		[ ] Occ. Form				PERSONAL & ADV INJURY	$ 1,000,000
		GEN'L AGGREGATE LIMIT APPLIES PER:				GENERAL AGGREGATE	$ 2,000,000
		X POLICY [ ] PRO-JECT [ ] LOC				PRODUCTS - COMP/OP AGG	$ 2,000,000
C		AUTOMOBILE LIABILITY	72UENTR1598	11/12/2006	11/12/2007		
		[ ] ANY AUTO				COMBINED SINGLE LIMIT (Ea accident)	$ 1,000,000
		X ALL OWNED AUTOS				BODILY INJURY (Per person)	$
		[ ] SCHEDULED AUTOS					
		X HIRED AUTOS				BODILY INJURY (Per accident)	$
		X NON-OWNED AUTOS					
		X Comp. Ded.-$500				PROPERTY DAMAGE (Per accident)	$
		X Coll.Ded.-$1,000					
		GARAGE LIABILITY				AUTO ONLY - EA ACCIDENT	$
		[ ] ANY AUTO				OTHER THAN AUTO ONLY: EA ACC	$
						AGG	$
B		EXCESS/UMBRELLA LIABILITY	ENU005017-06-05	11/12/2006	11/12/2007		
		X OCCUR [ ] CLAIMS MADE				EACH OCCURRENCE	$ 4,000,000
						AGGREGATE	$ 4,000,000
		[ ] DEDUCTIBLE					$
		X RETENTION $ 10,000					$
							$
		WORKERS COMPENSATION AND EMPLOYERS' LIABILITY				WC STATU-TORY LIMITS / OTH-ER	
		ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED?				E.L. EACH ACCIDENT	$
		If yes, describe under SPECIAL PROVISIONS below				E.L. DISEASE - EA EMPLOYEE	$
						E.L. DISEASE - POLICY LIMIT	$
A		OTHER Professional Liability Claims Made Form	ENV011306-06-02	11/12/2006	11/12/2007	Each Claim General Agg.	$1,000,000 $2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

Evidence of Insurance Only.

General Information Certificate Only.

CERTIFICATE HOLDER

General Information Certificate for
Environmental Resolutions Inc.
23141 Verdugo Drive, Ste. 103
Laguna Hills CA 92656

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS (10-DAY NOTICE FOR NON-PAYMENT OF PREMIUM) WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

IMPORTANT

If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

DISCLAIMER

The Certificate of Insurance on the reverse side of this form does not constitute a contract between the issuing insurer(s), authorized representative or producer, and the certificate holder, nor does it affirmatively or negatively amend, extend or alter the coverage afforded by the policies listed thereon.

Consumer Affairs
CONTRACTORS STATE LICENSE BOARD
P.O. Box 26000
SACRAMENTO, CA 95826-0026

00611383
ENVIRONMENTAL RESOLUTIONS INC
20372 NORTH SEA CIRCLE
LAKE FOREST, CA 92630

DEC 2 0 2006

92630"8806 C050

State Of California
CONTRACTORS STATE LICENSE BOARD
ACTIVE LICENSE

License Number **611383** Entity CORP

Business Name ENVIRONMENTAL RESOLUTIONS INC

Classification(s) A HAZ C10 C36

Expiration Date 01/31/2009