ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Director

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
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January 31, 2012

Bill Cox
Bill Cox Cadillac
Address Unknown

HW Shepard Jr
Wells Fargo Bank Trust
Address Unknown

RBDL Shepard Trusts
Greater Bay Trust Company Trustee
Address Unknown

Robert Bond
Bond CC Oakland LLC
350 West Hubbard Street, Suite 450
Chicago, IL 60610
(*Sent via E-mail to: rbond@bondcompanies.com*)

Arnold Brown
Kestrel Partners LLC
Address Unknown
Address Unknown

Stephen Wilson
230 Bay Place LP
400 Race Street, Suite 200
San Jose, CA 95126

Subject: Case Closure for Fuel Leak Case No. RO0000148 and GeoTracker Global ID T0600100193, Cox Cadillac & Buick, 230 Bay Place, Oakland, CA 94612

Dear Mr. Bond and Mr. Wilson:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25299.37[h]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Environmental Health (ACEH) is required to use this case closure letter for all UST leak sites. We are also transmitting to you the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. The subject fuel leak case is closed. This case closure letter and the case closure summary can also be viewed on the State Water Resources Control Board's Geotracker website (http://geotracker.swrcb.ca.gov) and the Alameda County Environmental Health website (http://www.acgov.org/aceh/index.htm).

SITE INVESTIGATION AND CLEANUP SUMMARY

Please be advised that the following conditions exist at the site:

- Total Petroleum Hydrocarbons as gasoline remain in soil at concentrations up to 52 ppm.
- Methyl tert-butyl ether remains in groundwater at concentrations up to 1,400 ppb.
- As described in section IV of the attached Case Closure Summary, the case was closed with Site Management Requirements that limit future land use to the current commercial land use and the existing building only.

If you have any questions, please call Jerry Wickham at (510) 567-6791. Thank you.

Sincerely,

Donna L. Drogos, P.E.
Division Chief

Enclosures:
1. Remedial Action Completion Certification
2. Case Closure Summary

cc:

Leroy Griffin (w/enc)
Oakland Fire Department
250 Frank H. Ogawa Plaza, Ste. 3341
Oakland, CA 94612-2032
(*Sent via E-mail to: lgriffin@oaklandnet.com*)

Closure Unit
State Water Resources Control Board
UST Cleanup Fund
P.O. Box 944212
Sacramento, CA 94244-2120
(uploaded to GeoTracker)

Ron Goloubow
ARCADIS
1900 Powell Street, Suite 1200
Emeryville, CA 94608 (*Sent via E-mail to: Ron.Goloubow@arcadis-us.com*)

Donna Drogos, ACEH (*Sent via E-mail to: donna.drogos@acgov.org*)
Jerry Wickham, ACEH (*Sent via E-mail to: jerry.wickham@acgov.org*)

GeoTracker (w/enc)
eFile (w/orig enc)

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH
OFFICE OF THE DIRECTOR
1131 HARBOR BAY PARKWAY
ALAMEDA, CA 94502
(510) 567-6777
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REMEDIAL ACTION COMPLETION CERTIFICATION

January 31, 2012

Bill Cox
Bill Cox Cadillac
Address Unknown

HW Shepard Jr
Wells Fargo Bank Trust
Address Unknown

RBDL Shepard Trusts
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Subject: Case Closure for Fuel Leak Case No. RO0000148 and GeoTracker Global ID T0600100193, Cox Cadillac & Buick, 230 Bay Place, Oakland, CA 94612

Dear Mr. Bond and Mr. Wilson:

This letter confirms the completion of a site investigation and remedial action for the underground storage tanks formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank(s) are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 25299.37 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.77 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

Claims for reimbursement of corrective action costs submitted to the Underground Storage Tank Cleanup Fund more than 365 days after the date of this letter or issuance or activation of the Fund's Letter of Commitment, whichever occurs later, will not be reimbursed unless one of the following exceptions applies:

- Claims are submitted pursuant to Section 25299.57, subdivision (k) (reopened UST case); or
- Submission within the timeframe was beyond the claimant's reasonable control, ongoing work is required for closure that will result in the submission of claims beyond that time period, or that under the circumstances of the case, it would be unreasonable or inequitable to impose the 365-day time period.

This notice is issued pursuant to subdivision (h) of Section 25299.37 of the Health and Safety Code. Please contact our office if you have any questions regarding this matter.

Sincerely,

Ariu Levi
Director

CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANK - LOCAL OVERSIGHT PROGRAM

I. AGENCY INFORMATION

Date: October 19, 2011

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 777-2478
Responsible Staff Person: Jerry Wickham	Title: Senior Hazardous Materials Specialist

II. CASE INFORMATION

Site Facility Name: Bill Cox Cadillac & Buick		
Site Facility Address: 230 Bay Place, Oakland, California 94612		
RB Case No.: 01-0207	StID No.: 494	LOP Case No.: RO0000148
URF Filing Date: 2/4/1994	Global ID No.: T0600100193	APN: 10-795-27-1

Responsible Parties	Addresses	Phone Numbers
Bill Cox Bill Cox Cadillac	Address Unknown	---
H W Shepard Jr. Wells Fargo Bank Trust	230 Bay Place Oakland, CA 94612-3805	---
R B D L Shepard Trusts Greater Bay Trust Company Trustee	333 Market Street, Suite #2300 San Francisco, CA 94105	---
Robert Bond Bond CC Oakland LLC	350 West Hubbard Street, Suite 450 Chicago, IL 60610	---
Arnold Brown Kestrel Partners LLC	4457 Willow Road, Suite #120 Pleasanton, CA 94588-8554	---
Stephen Wilson 230 Bay Place LP	400 Race Street, Suite #200 San Jose, CA 95126	---

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
1	1 x 3,000-gallon	Waste Oil	Removed	12/1988
2	1 x 1,050-gallon	Mineral Spirits	Removed	9/24/1992
3	1 x 10,000-gallon	Gasoline	Removed	1/26/1994
4	---	---	---	---
Piping			Removed	1988, 1992, &1994

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Holes were observed on the UST and pipe couplings were significantly corroded.		
Site characterization complete? Yes	Date Approved By Oversight Agency: ---	
Monitoring wells installed? Yes	Number: 7	Proper screened interval? Yes
Highest GW Depth Below Ground Surface: 0.20 ft bgs	Lowest Depth: 8.85 ft bgs	Flow Direction: southwest to west southwest
Most Sensitive Current Use: Potential drinking water source.		

Summary of Production Wells in Vicinity: A 0.5 mile well survey was performed for the site. One domestic well (18/4W 26 R 2) and one irrigation well (18/4W 26 R 3) were identified at 2100 Harrison Street located approximately 0.3 miles down-gradient of the the site. However, due to the distance from the source and the extent of the hydrocarbon plume documented by the groundwater monitoring analytical results, these water wells do not likely appear to be receptors.

Are drinking water wells affected? No	Aquifer Name: East Bay Plain Groundwater Basin
Is surface water affected? No	Nearest SW Name: Lake Merritt located approximately 1,000 feet to the south of the site.
Off-Site Beneficial Use Impacts (Addresses/Locations): None	
Reports on file? Yes	Where are reports filed? Alameda County Environmental Health & Oakland Fire Prevention Bureau

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank	One 3,000-gallon One 1,050-gallon One 10,000-gallon	Disposal, location not reported Disposal, Erickson Facility, Richmond, CA Disposal, Erickson Facility, Richmond, CA	12/1988 9/24/1992 1/26/1994
Piping	Not reported	Disposal, Erickson Facility, Richmond, CA	1/26/1994
Free Product	Not reported	Disposal, Refineries Service, Patterson, CA	9/24/1992
Soil	27 cubic yards 100 cubic yards 50 cubic yards 5,000 tons 230 tons 455 tons	Disposal, location not reported Disposal, location not reported Disposal, location not reported Disposal, Keller Canyon Landfill, Pittsburg, CA Clean Harbor Facility, Buttonwillow, CA Waste Management, Kettleman Hills, CA	12/1988 6/1994 7/1997 9/2005-12/2005 2/2006 7/2006
Groundwater	245,000-gallons	Disposal, EBMUD, Oakland, CA	9/2005-12/2005

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS BEFORE AND AFTER CLEANUP
(Please see Attachments for additional information on contaminant locations and concentrations)

Contaminant	Soil (ppm)		Water (ppb)	
	Before	After	Before	After
TPH (Gas)	4,300 (S2-North, 1/26/1994)	52 (Bottom (C,60)-10, 9/29/2005)	970,000 (GW-2, 3/15/2004)	<50 (all wells, 4/29/2010)
TPH (Diesel)	130 (SB-3, 3/15/2004)	50 (W. Face (C,0)-8, 9/27/2005)	350,000 (GW-7, 3/15/2004)	<50 (all wells, 4/29/2010)
TPH (Motor Oil)	<30 (WOS, 7/12/1990)	NA	NA	<300 (all wells, 4/29/2010)
Benzene	33 (GP2A, 11/26/2003)	0.890 (E. Face (B,120)-10, 10/17/2005)	23,000 (GW-2, 3/15/2004)	<13 (LF-3, 4/29/2010)
Toluene	3.4 (GP2A, 11/26/2003)	0.850 (E. Face (B,120)-10, 10/17/2005)	33,000 (GW-2, 3/15/2004)	<13 (LF-3, 4/29/2010)
Ethylbenzene	1.4 (GP2A, 11/26/2003)	0.560 (Bottom (C,60)-10, 9/29/2005)	22,000 (GW-2, 3/15/2004)	<13 (LF-3, 4/29/2010)
Xylenes	4.2 (GP2A, 11/26/2003)	3.6 (Bottom (C,60)-10, 9/29/2005)	79,000 (GW-2, 3/15/2004)	<13 (LF-3, 4/29/2010)
MTBE	3.0[1] (GP1, 11/26/2003)	1.6[2] (Bottom (D,100)-10, 10/14/2005)	16,000[3] (LF-3, 5/6/2008)	1,400[4] (LF-3, 4/29/2010)
Heavy Metals (Cd, Cr, Pb, Ni, Zn)	3,000[5] (G4-1, 1/24/2006)	3,000[5] (G4-1, 1/24/2006)	24[5] (MW-1, 2/23/1996)	24[5] (MW-1, 2/23/1996)
Other 8240/8260	NA	NA	NA	NA

[1] Other VOCs analyzed (soil before cleanup): 3.0 ppm MTBE, 0.53 ppm DIPE, 0.025 ppm 1.2-DCA, <0.024 ppm EDB; TBA, ETBE, TAME, and EtOH not analyzed.
[2] Other VOCs (soil after cleanup): 1.6 ppm MTBE; TBA, DIPE, ETBE, TAME, EDB, 1.2-DCA not detected above analytical reporting limit.
[3] Other VOCs analyzed (groundwater before cleanup): 16,000 ppb MTBE, 5,800 ppb TBA, 350 ppb1.2-DCA,150 ppb EDB, <1,000 ppb TBA; DIPE, ETBE, TAME, and EtOH not analyzed
[4] Other VOCs analyzed (groundwater after cleanup): 1,400 ppb MTBE, 5,500 ppb TBA; DIPE, ETBE, TAME, not detected above the laboratory reporting limit; EDB, and 1.2-DCA not analyzed.
[5] Pb concentrations prior to excavation. Figure 17 illustrates areas of over-excavation, including G4-1. However confirmation soil samples were not collected. Actual residual concentrations are unknown.
NA - Not Analyzed

Site History and Description of Corrective Actions:
The Site is located at 230 Bay Place in Oakland, California (see **Figure 1**). The Site is located in a mixed residential and commercial area approximately 1,000 feet north of Lake Merritt in Oakland. The Site formerly occupied by Cox Cadillac & Buick was used for automobile sales and service. The facility comprises 45,300 square feet, of which approximately 11,000 square feet were formerly used as a sales showroom and offices, while the remainder was formerly used for automobile storage, bodywork, painting, and indoor service.

The Site consists of approximately 2.2 acres and was occupied by an abandoned automobile showroom building shell. The remainder of the Site was covered with concrete or asphalt (**Figure 2**). A portion of the building was constructed as early as the 1890s. The primary structure was demolished in February and March 2004 in accordance with the City of Oakland Department of Building and Department of Public Works. The portion of the structure that was constructed in 1915 is considered to have architectural/historical significance and a significant portion of it has been retained. The Site has been since redeveloped and is currently the Whole Foods market.

The Site vicinity is comprised of primarily residential, commercial, and light-industrial facilities, primarily automobile dealerships and service stations. Single-family and multi-unit residential buildings occupy the property to the northeast and southeast of the Site. The property to the northwest of the Site is occupied by a church and associated school. An automobile dealership, automobile repair shops, and a service station occupy the properties to the south and west of the Site across Bay Place.

Surface elevation at the Site is approximately 12 feet above mean sea level. Topography in the site vicinity slopes gently to the southwest toward Vernon Street (USGS 1993). Groundwater is first encountered at the Site at approximately 8 to 12 feet below ground surface (bgs) and the groundwater rises to a static level of approximately 3 to 5 feet bgs. The shallow groundwater flow direction beneath the Site is to the southwest, with an average hydraulic gradient of approximately 0.05 foot per foot.

UST Removals
Several soil and groundwater investigations have been conducted at the Site since 1992. Three USTs were present at the Site as part of the service facility (**Figures 2 & 3**). A 1,050-gallon-capacity mineral spirits tank reportedly located on Harrison Street was removed in September 1992. Reportedly, PES did not identify any environmental issues regarding leakage from this tank that would warrant additional soil or groundwater investigation or remediation.

The other two USTs were the focus of the environmental investigations conducted at the Site. These USTs consisted of a 3,000-gallon-capacity waste oil storage tank, removed in December 1988 by R.S. Eagan & Company, and a 10,000-gallon-capacity gasoline storage tank, with associated product piping, removed in January 1994. The waste oil UST was located just southeast of the indoor service area (**Figure 4**), and the gasoline UST was located on the Site near the intersection of Bay Place and Vernon Street (**Figure 4**).

During removal of the waste oil UST, holes were reportedly observed in the UST and free product was present in the excavation. Approximately 27 cubic yards of affected soil were excavated and removed from the Site during removal of the waste oil UST in 1988.

During the excavation and removal of the 10,000-gallon-capacity UST, a hole was observed in the product piping that lead from the UST to the fuel dispenser located west of the UST (**Figure 5**). Free-phase product was observed on the groundwater surface in the gasoline UST excavation. Two soil samples were collected from the excavation for the gasoline UST at depths of approximately 4 feet bgs (southern wall) and 5 feet bgs (northern wall). Groundwater was encountered at approximately 5 feet bgs. Therefore, no soil samples were collected from beneath the UST because of the relatively high groundwater level. The product piping was reportedly present at depths between approximately 9 inches (dispenser end) and 24 inches bgs (UST end). Three soil samples were collected from the piping excavation. Approximately 50 cubic yards of soil were excavated and removed during removal of this UST in 1994. Analytical results are summarized on **Table 1** and sampling locations are illustrated on **Figure 5**.

In June 1994, an additional soil excavation was conducted at the Site to remove the source of the affected groundwater at the Site (see **Figures 6 & 7**). Approximately 100 cubic yards of total petroleum hydrocarbon (TPH) affected soil adjacent to the former gasoline UST, along the western portion of the former product piping route, were excavated and removed. Based on the analytical results of confirmation soil samples collected during these excavation activities, soil containing up to 700 milligrams per kilogram (mg/kg) of TPH as gasoline (TPH-g) remained in soil following excavation activities. Analytical results are summarized on **Table 1** and sampling locations are illustrated on **Figures 6 & 7**.

In July 1997, an additional 50 cubic yards of TPH-affected soil were excavated from the area adjacent to the eastern edge of the former gasoline UST and the former product piping route. A total of three confirmation soil samples (two from the southern sidewall and one from the northern sidewall) were collected from a depth of approximately 2.5 feet bgs. One of the soil samples collected from the southern sidewall contained benzene at a concentration of 0.009 mg/kg and total xylenes at a concentration of 0.013 mg/kg. The other analytes were below laboratory reporting limits in the three samples. Soil sample analytical results are summarized on **Table 2** and sampling locations are illustrated on **Figure 8**.

Soil Investigations

PES conducted a soil-quality investigation inside the building in 1999, adjacent to the location of the former gasoline UST, to delineate potentially affected soil within the building. Reported concentrations of petroleum hydrocarbons in soil collected from borings inside the building (B-2 and B-3) were below the laboratory reporting limit of 1 mg/kg for TPH-g. With the exception of xylenes that were detected at a concentration of 0.005 mg/kg in a soil sample from soil boring B-2, the chemicals analyzed were below laboratory reporting limits. Reported concentrations for soil samples collected from boring B-3 at depths between 4 and 4.5 feet bgs were 0.038 mg/kg of benzene, 0.0051 mg/kg of total xylenes, and 0.18 mg/kg of methyl tertiary-butyl ether (MTBE). Analytical results are summarized on **Table 3** and sampling locations are illustrated on **Figure 9**.

On July 28, 2000, LFR advanced soil boring SB-1 in the former showroom, between the southeastern wall and PES soil boring B-3 (**Figures 10 through 12**). LFR collected a soil sample from a depth of approximately 2 feet bgs. However, a deeper soil sample and a groundwater sample could not be collected at this location because what appeared to be a concrete sub-slab was encountered immediately beneath the 2-foot sample depth. The analytical results for the collected sample (SB-1) did not indicate the presence of petroleum hydrocarbons above laboratory reporting limits.

Two soil samples were collected from boring EB-1, which was drilled in the northern corner of the building by Lowney Associates on July 27, 2000 (**Figures 10 through 12**). During drilling, Lowney Associates reportedly noticed hydrocarbon odor in this boring. The soil sample collected from a depth of approximately 1.5 feet bgs contained concentrations of TPH-g at 370 mg/kg, ethylbenzene at 0.078 mg/kg, and xylenes at 1.6 mg/kg. Benzene and toluene were not present above laboratory reporting limits. The soil sample collected from a depth of approximately 4 feet bgs from soil boring EB-1 contained TPH-g at 17 mg/kg, toluene at 0.013 mg/kg, ethylbenzene at 0.024 mg/kg, and xylenes at 0.086 mg/kg. Benzene was not present above laboratory reporting limits.

In May 2001, LFR collected soil samples from approximately 4 and 7.5 feet bgs from soil boring LF-1, located near soil boring B-3 (**Figures 10 through 12**). The sample collected at approximately 4 feet contained TPH-g at 3.2 mg/kg, TPH as diesel (TPH-d) at 5.3 mg/kg, and TPH as motor oil (TPH-mo) at 4.3 mg/kg. Benzene, toluene, ethylbenzene, and total xylenes (BTEX) were detected at 0.100 mg/kg, 0.016 mg/kg, 0.026 mg/kg, and 0.029 mg/kg, respectively. The sample collected at approximately 7.5 feet bgs did not contain petroleum hydrocarbons above their laboratory reporting limits.

In November 2003, ETIC conducted a soil investigation to further characterize the lateral and vertical extent of TPH and BTEX compounds in site soils and groundwater (see **Figure 13**). The investigation consisted of advancing 15 borings (UB1 through UB4, GP1 through GP9, GP2A, and GP4A), collecting soil samples from select borings, and analyzing the samples for TPH-g, BTEX, and gasoline oxygenates. Analytical results are summarized on **Table 4**. Soil samples collected from on-site locations GP2 and GP2A contained TPH-g at concentrations up to 810 mg/kg; benzene up to 33 mg/kg, toluene up to 32 mg/kg, ethylbenzene up to 23 mg/kg, and xylenes up to 79 mg/kg; respectively, and MTBE up to 3.0 mg/kg. These concentrations were detected in soil samples collected near the former gasoline UST location. Analysis of one off-site soil sample collected at 5 feet bgs detected only benzene (0.0093 mg/kg) and ethylbenzene (0.0092 mg/kg) above laboratory reporting limits.

In March 2004, LFR advanced eight soil borings (SB-1 through SB-8) to further assess the constituents in soil under the concrete slabs and to help delineate the lateral extent of the affected groundwater (see **Figure 14**). TPH-g, BTEX, and MTBE were not detected in soil samples collected from SB-1 and SB-4 through SB-6 (**Table 5**). TPH-g was detected in a soil sample collected from SB-3 at a concentration of 1.2 mg/kg. TPH-d was detected in 10 of 11 soil samples collected from soil borings SB-1 through SB-6. Concentrations of TPH-d ranged from less than 1.0 mg/kg in the soil sample collected from approximately 4.5 feet bgs at soil boring SB-2 to 130 mg/kg in the soil sample collected from approximately 3 feet bgs at soil boring SB-3. However, based on the laboratory's review of the chromatograms for each of the samples that contained detectable concentrations of TPH-d, the diesel did not match the standard and is considered degraded gasoline or naturally occurring oils. TPH-g and BTEX were detected in a soil sample collected from SB-2, located immediately adjacent to the former waste oil storage tank, at concentrations of 30 mg/kg, 0.86 mg/kg, 0.14 mg/kg, 0.68 mg/kg, and 2.07 mg/kg, respectively. MTBE was not detected in the samples analyzed from boring SB-2.

Groundwater Investigations

Several groundwater investigations have also been conducted at the Site. In 1993, PES conducted investigations that included the installation of several groundwater monitoring wells. Permanent well MW-1 was installed in March 1993. Temporary wells TW-1 through TW-7 were installed in October 1993, and five of them were converted to permanent monitoring wells (TW-2 and TW-4 through TW-7; PES 1993). In addition, a second permanent monitoring well (MW-2) was installed in December 1998 (PES 1999). The locations of these wells are shown on **Figure 4**. Well TW-7 is located immediately downgradient (with respect to the direction of groundwater flow) from the former gasoline UST; TW-5 is located downgradient from the former fuel dispenser, in the vicinity of the product piping and close to the former building.

Since 1993, groundwater investigations and monitoring have periodically been conducted. Historical groundwater monitoring data are presented in **Table 6**. More recently, ETIC conducted a grab groundwater investigation in November 2003 and groundwater monitoring in January 2004. In March 2004, LFR conducted a separate grab groundwater investigation. The purpose of ETIC's and LFR's grab groundwater investigations was to further characterize the likely on-site or off-site sources of the hydrocarbon and MTBE groundwater plume at the Site, delineate the lateral extent of the plume, and characterize its chemical composition. Iso-concentration contours for TPH-g, benzene, and MTBE are depicted on **Figures 10, 11, and 12**, respectively.

In November 2003, ETIC conducted a groundwater investigation that consisted of collecting eight grab groundwater samples from soil borings GP1, GP2A, GP6 through GP9, UB1, and UB2 (**Table 7**). These samples were analyzed for TPH-g, BTEX, and gasoline oxygenates. Reportedly, the on-site groundwater samples contained TPH-g up to a concentration of 67,000 micrograms per liter (µg/L), benzene to 9,500 µg/L, ethylbenzene to 1,800 µg/L, toluene to 5,700 µg/L, and total xylenes to 6,100 µg/L. These maximum detections were detected in the grab groundwater sample collected from soil boring GP-6, located in the former indoor service area. MTBE was detected at the highest concentrations (5,800 µg/L in GP1 and 7,300 µg/L in GP2A) near the former gasoline UST location. One groundwater sample collected off site at location UB-2 was found to contain TPH-g at 14,000 µg/L and MTBE at 37 µg/L while the groundwater sample collected from UB-1 contained toluene (1.5 µg/L, total xylenes (2.0 µg/L), and MTBE (0.84 µg/L).

ETIC collected groundwater samples from five on-site groundwater monitoring wells (MW-1, MW-2, TW-2, TW-6, and TW-7) in January 2004. The results, presented in Table 1, indicated that TPH-g and BTEX were not detected in monitoring wells MW-2, TW-2, and TW-6. Groundwater samples collected from MW-1 and TW-7 had elevated concentrations of TPH-g of 32,000 µg/L and 16,000 µg/L, respectively, and benzene concentrations of 2,700 µg/L and 2,500 µg/L, respectively. The farthest down-gradient well, MW-2, had the highest concentration of MTBE at 2,100 µg/L.

LFR collected eight grab groundwater samples in March 2004 from soil borings SB-1 through SB-8, identified as GW-1 through GW-8 (**Table 8**). These samples were analyzed for TPH-g, TPH-d, BTEX, and MTBE. TPH-g, and BTEX were not detected in the grab groundwater samples collected from soil borings SB-1 and SB-4 through SB-7. TPH-g and BTEX were detected in GW-3 at relatively low concentrations and in GW-2 at relatively high concentrations. The concentrations of TPH-g and benzene in GW-3 were 970 µg/L and 48 µg/L, respectively. The concentrations of TPH-g and benzene in GW-2 were 970,000 µg/L and 23,000 µg/L, respectively. Sample GW-2 was collected directly down-gradient from the former waste oil tank area. MTBE was only detected in three samples (GW-5, GW-6, and GW-7) at concentrations ranging from 1.1 µg/L to 55 µg/L.

Grab groundwater samples were collected from seven of the eight soil borings for the analysis of TPH-d. The sediments at soil boring SB-2 did not yield enough water to allow for the collection of a sample for the analysis of TPHd. TPHd was detected in each of the seven groundwater samples collected from soil borings SB-1 and SB-3 through SB-8. Concentrations of TPHd ranged from 260 µg/L in the grab groundwater sample collected at soil boring SB-1 to 350,000 µg/L in the grab groundwater sample collected from soil boring SB-7. As with the soil samples, based on the laboratory's review of the chromatograms for each of the samples that contained detectable concentrations of TPH-d, the diesel did not match the standard and contains heavier-ended hydrocarbons.

In April 2004, several test pits were excavated to evaluate the building's foundation. Observations made in a test pit located at the southern corner of the existing historical building indicated that an oily substance was present on the groundwater. This observation is consistent with the findings of previous investigations, indicating that petroleum hydrocarbon-affected groundwater extends to this area.

In 1999, PES conducted an interim remedial action (IRA) at the Site to address petroleum hydrocarbon–affected groundwater. This IRA consisted of introducing oxygen and nutrients into the groundwater at the Site to enhance biodegradation of petroleum hydrocarbons, and the placement of Oxygen Releasing Compound (ORC) in selected wells at the Site. Following completion of the IRM activities, PES concluded that the IRM had been effective in reducing the concentrations of petroleum hydrocarbons in groundwater in wells MW-1 and TW-6. However, the

remedial activities were not effective at reducing the concentrations of petroleum hydrocarbons in groundwater in well TW-7.

Corrective Action

During the period September 16 to December 16, 2005, LFR supervised the excavation of affected soil in the vicinity of the former gasoline and waste oil USTs that contained concentrations of target analytes above the remediation goals. The excavation limits and approximate locations of the confirmation soil samples are shown on Figure 2. A total of approximately 5,000 tons of TPH-affected soil were excavated from this area. The soil excavated from the TPH-affected area was temporarily stockpiled and subsequently disposed of as Class 2 waste material at Allied Waste's Forward Landfill located in Manteca, California. In addition, approximately 250 tons of brick and concrete debris removed from the area of excavation were disposed of at Allied Waste's Keller Canyon Landfill located in Pittsburg, California.

Confirmation soil sampling took place as the excavation progressed from the floor and the sidewalls following the removal of affected soil. At least one sidewall sample and one sample from the excavation bottom were collected in approximately 20 linear foot intervals. A total of 44 soil samples (**Table 9**) were collected at depths ranging from approximately 8 to16 feet bgs using the excavator bucket, or using a hand auger and slide hammer, depending on the location and depth of the excavation at the sampling location. Three samples of soil left in place indicated benzene concentrations above the cleanup goal of 0.044 mg/kg (**Table 10**). Two samples of soil left in place indicated concentrations of total xylenes above the cleanup goal of 1.5 mg/kg (samples Bottom[C-60]-10' and Bottom [C-80]-13' at low concentrations of 3.6 and 2.6 mg/kg, respectively). MTBE was the most frequently detected compound in soil left in place above its cleanup goal (present in nine samples at low concentrations ranging between 0.069 mg/kg and 1.6 mg/kg). Seven of the nine samples in which MTBE was detected had no other compounds present above the laboratory method detection limits.

Approximately 245,000 gallons of groundwater and surface water were pumped from the excavation and discharged to the East Bay Municipal Utility District (EBMUD) publicly owned treatment works (POTW) under a special discharge permit.

Following completion of excavation activities in the former UST areas, the excavation bottom was inspected by a representative of Treadwell and Rollo, the Site geotechnical engineers, for its suitability to be backfilled. Each 1-foot thick (approximate) lift of backfill was also inspected by a representative of Treadwell and Rollo for compaction requirements (95% relative compaction using a compaction curve generated using the fill material) prior to proceeding with backfilling and compaction operations.

Post Remediation Groundwater Monitoring

Period groundwater monitoring has been conducted since the completion of the remedial excavation completed in 2005 and subsequent monitoring well installation in 2007. Monitoring well analytical results are summarized on **Table 6** and monitoring well locations are illustrated on **Figure 16**.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes		
Does corrective action protect public health for current land use? Alameda County Environmental Health staff does not make specific determinations concerning public health risk. However, based upon the information available in our files to date, it does not appear that the release would present a significant risk to human health based upon current land use and conditions.		
Site Management Requirements: Case closure for this fuel leak site is granted for the current commercial land use and the existing building only. If a modification to the existing structure(s) or a change in land use to any residential or other conservative land use scenario is proposed at this site, Alameda County Environmental Health (AECH) must be notified as required by Government Code Section 65850.2.2. ACEH will re-evaluate the case upon receipt of approved development/construction plans. Excavation or construction activities in areas of residual contamination require planning and implementation of appropriate health and safety procedures by the responsible party (or current property owner/developer) prior to and during excavation and construction activities. The site is to be entered into the City of Oakland Permit Tracking System due to the residual contamination on site.		
Should corrective action be reviewed if land use changes? Yes.		
Was a deed restriction or deed notification filed? No		Date Recorded: --
Monitoring Wells Decommissioned: No	Number Decommissioned: 7	Number Retained: 5
List Enforcement Actions Taken: None		
List Enforcement Actions Rescinded: ---		

V. ADDITIONAL COMMENTS, DATA, ETC.

Considerations and/or Variances:

A geophysical survey reportedly conducted in the area of two vent lines attached to the northern portion of the on-site building along Harrison Street discovered a 1,050-gallon UST beneath the sidewalk (*Underground Mineral Spirits Tank Closure Report*, November 13, 1992, PES Environmental). Based on laboratory analysis of product from the UST, the contents were identified as mineral spirits. During removal of the UST, one hole approximately ½ inch in diameter was observed on the sidewall of the tank. The tank was located in close proximity to an abandoned 12-inch terra cotta sewer line. The terra cotta sewer line was broken at a point near the hole in the tank. Two soil samples that were collected from the tank pit excavation did not contain TPH as mineral spirits. No investigation was conducted to assess whether the abandoned sewer line was a pathway for discharges from the tank.

Up until approximately 1903, the site was occupied by the Oakland Transit Consolidated Piedmont Car Shop and Power House and the Piedmont Baths. The southern portion of the site included a machine shop, dynamos, and boiler room. A review of the 1903 Sanborn Map for the site shows an "Underground Oil Tank – 25,000-gallons capacity," directly south of the historic building and boiler room. The boilers remained in place until at least 1911. Review of the 1911 Sanborn map indicates that the boilers were not in use at that time and the Underground Oil Tank was no longer shown. Site grading and construction activities during redevelopment that were conducted in the area of the former UST encountered concrete structures beneath the former showroom floor and near the former showroom wall but did not encounter a UST. The function of the concrete structures, which ranged from 3 to 5 feet in length and 2 to 3 feet deep, is unknown.

Groundwater contour maps prepared in 2011 following excavation of the UST area show a radial groundwater flow direction towards a central point between monitoring wells LF-3 and LF-4. The radial flow pattern may indicate that the water levels represent different water-bearing units. The consultant for the responsible party concluded that groundwater was flowing toward the excavated areas that had been backfilled.

Petroleum hydrocarbons in the diesel, fuel oil, and motor oil range were detected in soil and grab groundwater samples collected southwest of the site along Harrison Street. Available data indicate that the site is not the likely source of the petroleum hydrocarbons in soil and groundwater beneath Harrison Street; however, the source remains unknown.

Residual hydrocarbons remain in soil at concentrations of 0.89 ppm benzene and 1.6 ppm MTBE.

Lead was detected at 3,000 ppm prior to excavation. Figure 17 illustrates areas of over-excavation, including G4-1. However, confirmation soil samples were not collected. Actual residual concentrations of lead are unknown.

Residual hydrocarbons remain in groundwater at the site. MTBE is present at concentrations up to 1,400 ppb.

Conclusion:

Alameda County Environmental Health staff believe that the levels of residual contamination do not pose a significant threat to water resources, public health and safety, and the environment under the current commercial land use developed as a retail store based upon the information available in our files to date. No further investigation or cleanup for the fuel leak case is necessary at this time. However, as specified in the Site Management Requirements, re-evaluation of this case may be required if land uses changes to any residential or other conservative land use scenario; or construction or excavation activities take place or the building structure is otherwise modified. ACEH staff recommend closure for this site.

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Jerry Wickham	Title: Senior Hazardous Materials Specialist
Signature: Jerry Wickham	Date: 10/25/11
Approved by: Donna L. Drogos, P.E.	Title: Division Chief
Signature: Donna L. Drogos	Date: 10/25/11

This closure approval is based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions.

VII. REGIONAL BOARD NOTIFICATION

Regional Board Staff Name: Cherie McCaulou	Title: Engineering Geologist
Notification Date: 11/01/11	

VIII. MONITORING WELL DECOMMISSIONING

Date Requested by ACEH: 12/19/11	Date of Well Decommissioning Report: 1/20/12	
All Monitoring Wells Decommissioned: Yes	Number Decommissioned: 5	Number Retained: Ø
Reason Wells Retained: NA		
Additional requirements for submittal of groundwater data from retained wells: None		
ACEH Concurrence - Signature: Jerry Wickham		Date: 01/31/12

Attachments:

1. Site Figures 1 through 18 (18 pp)
2. Analytical Tables 1 through 15 (30 pp)
3. Boring Logs (31 pp)

This document and the related CASE CLOSURE LETTER & REMEDIAL ACTION COMPLETION CERTIFICATE shall be retained by the lead agency as part of the official site file.

Wickham, Jerry, Env. Health

From: Cherie MCcaulou [CMccaulou@waterboards.ca.gov]
Sent: Wednesday, November 02, 2011 11:04 AM
To: Wickham, Jerry, Env. Health
Subject: Re: Pending closure for 230 Bay Place, Oakland

Jerry - The Regional Water Board has no objection to the ACEH's recommendation for case closure for 230 Bay Place, Oakland. Thank you for the notification. Have a good day.

Sincerely,

Cherie McCaulou
Engineering Geologist
San Francisco Bay Regional Water Quality Control Board
cmccaulou@waterboards.ca.gov
510-622-2342

>>> "Wickham, Jerry, Env. Health" <jerry.wickham@acgov.org> 11/1/2011 5:59 PM >>>
Hi Cherie,

This email provides notification of pending closure for ACEH case RO0148, 230 Bay Place, Oakland.

Jerry Wickham
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
phone: 510-567-6791
jerry.wickham@acgov.org

0 1/2 1 MILE

DESIGN\001\09171\SiteVicinity.CDR 091803

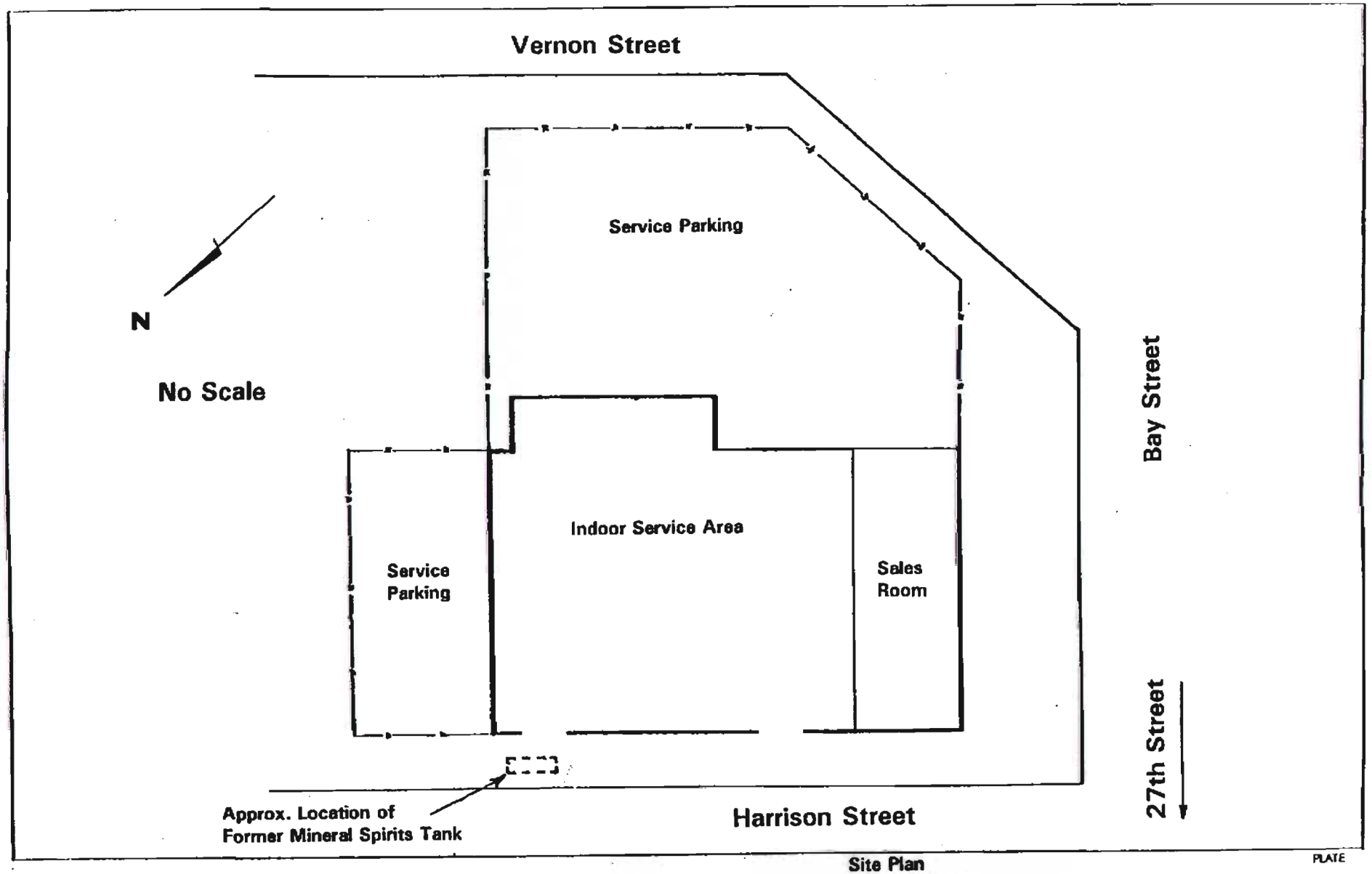
Site Vicinity Map

Former Cox Cadillac, 230 Bay Place, Oakland, California

LFR

Figure 1

ATTACHMENT 1

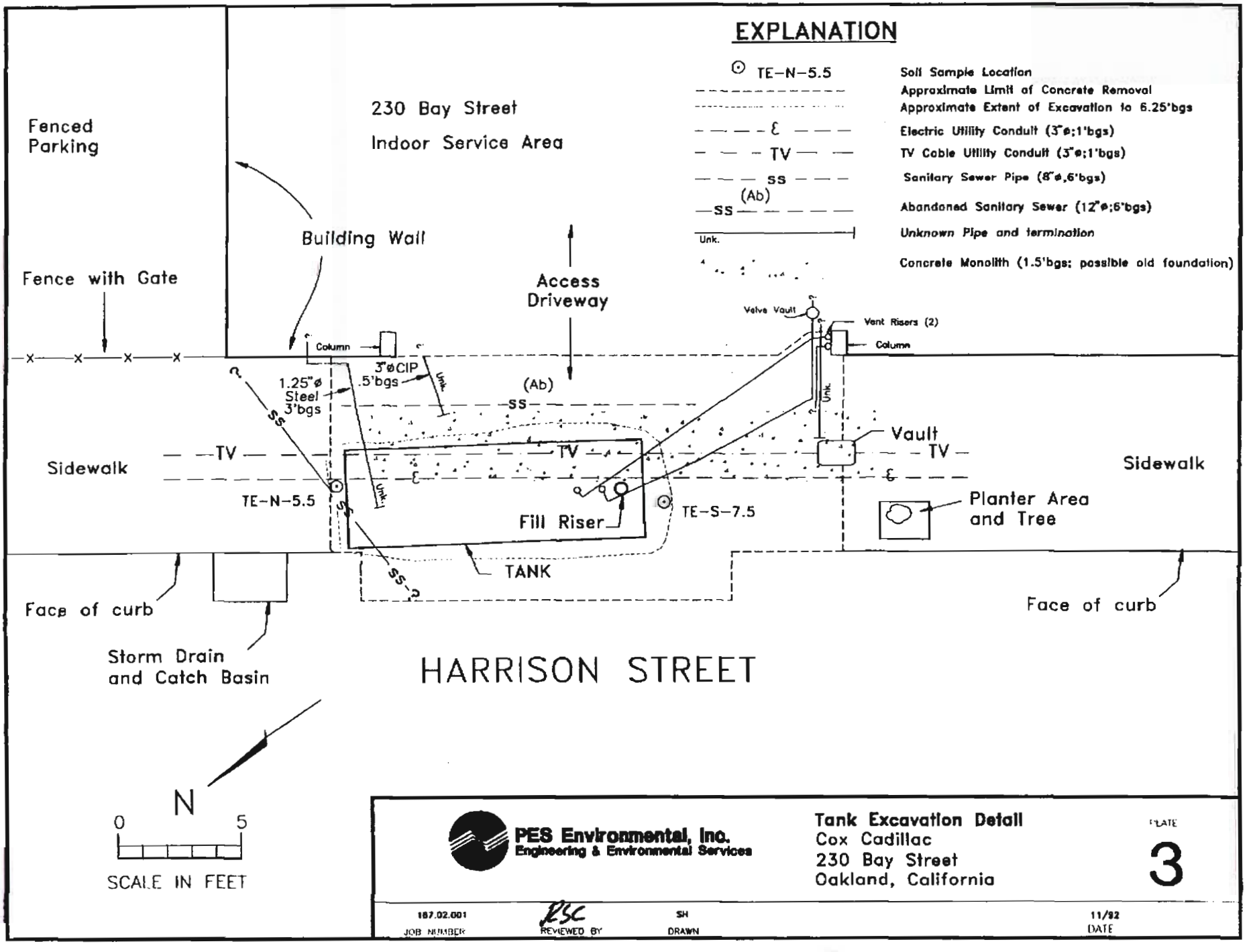


PES Environmental, Inc.
Engineering & Environmental Services

Site Plan
Cox Cadillac
230 Bay Street
Oakland, California

PLATE
2

JOB NUMBER	REVIEWED BY	DATE	REVISED DATE	REVISED DATE
167.02.001	RSC	10/92		


EXPLANATION
TE-N-5.5
Soil Sample Location
Approximate Limit of Concrete Removal
Approximate Extent of Excavation to 6.25'bgs
Electric Utility Conduit (3"ø;1'bgs)
TV Cable Utility Conduit (3"ø;1'bgs)
Sanitary Sewer Pipe (8"ø,6'bgs)
Abandoned Sanitary Sewer (12"ø;6'bgs)
Unknown Pipe and termination
Concrete Monolith (1.5'bgs; possible old foundation)
230 Bay Street
Indoor Service Area
Fenced Parking
Building Wall
Fence with Gate
Access Driveway
Valve Vault
Vent Risers (2)
Column
3"øCIP .5'bgs
1.25"ø Steel 3'bgs
(Ab)
SS
TV
Vault
Sidewalk
TE-N-5.5
TE-S-7.5
Fill Riser
TANK
Planter Area and Tree
Face of curb
Storm Drain and Catch Basin
HARRISON STREET
N
0
5
SCALE IN FEET
PES Environmental, Inc.
Engineering & Environmental Services
Tank Excavation Detail
Cox Cadillac
230 Bay Street
Oakland, California
PLATE
3
187.02.001
JOB NUMBER
REVIEWED BY
SH
DRAWN
11/92
DATE

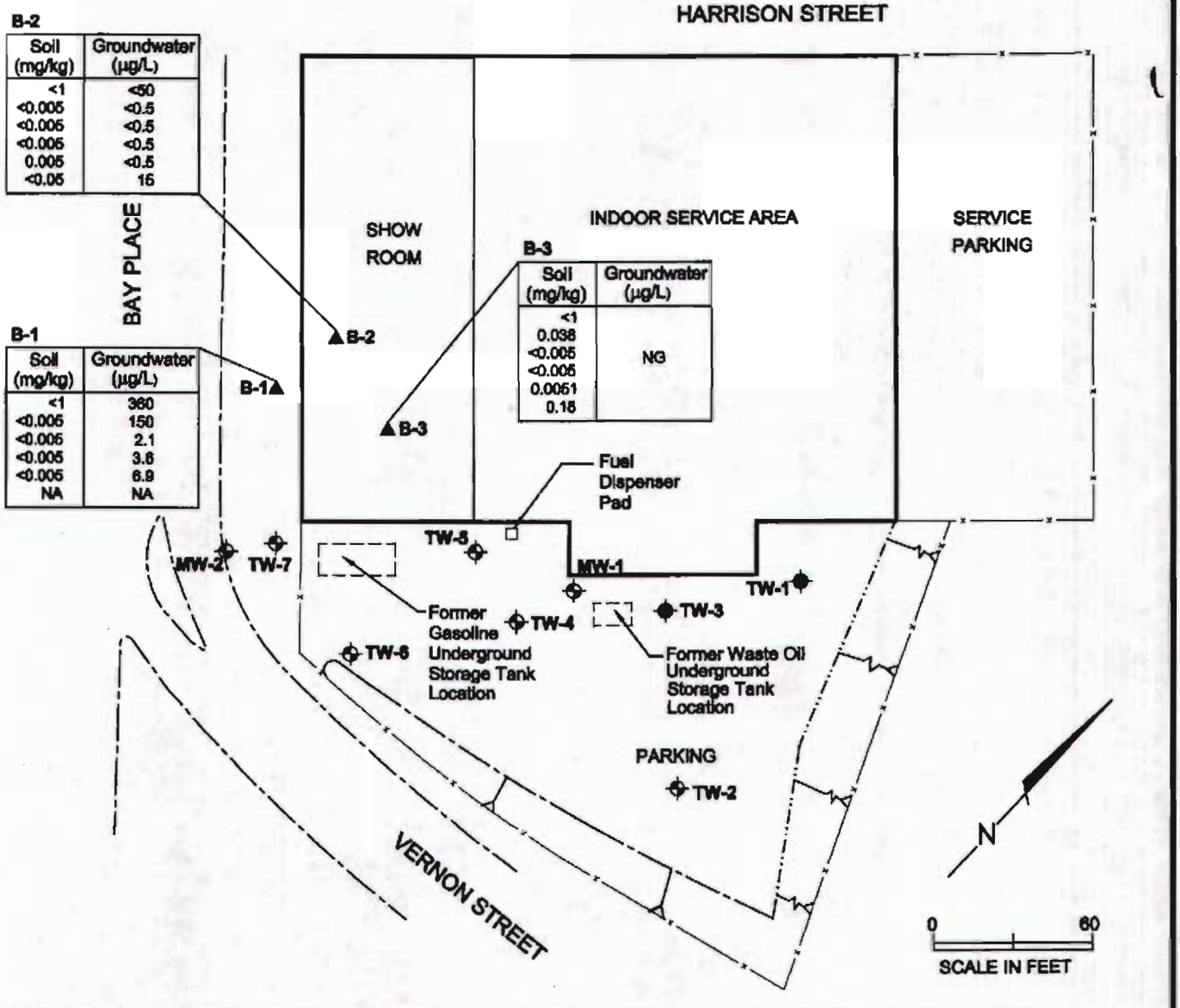
Explanation

- MW-1 ⊕ Monitoring Well Location
- TW-1 ⊕ Temporary Well Location
- B-1 ▲ Soil Boring/Grab Groundwater Sampling Location

Concentrations of Hydrocarbons
Milligrams per kilogram (mg/kg) in Soil
Micrograms per liter (µg/l) in Groundwater

Soil (mg/kg)	Groundwater (µg/L)
Total Petroleum Hydrocarbons as Gasoline	
Benzene	
Toluene	
Ethylbenzene	
Total Xylenes	
Methyl Tert-Butyl Ether	

<0.005 Not detected at or above indicated laboratory reporting limit
NG No groundwater encountered, no sample collected
NA Not Analyzed

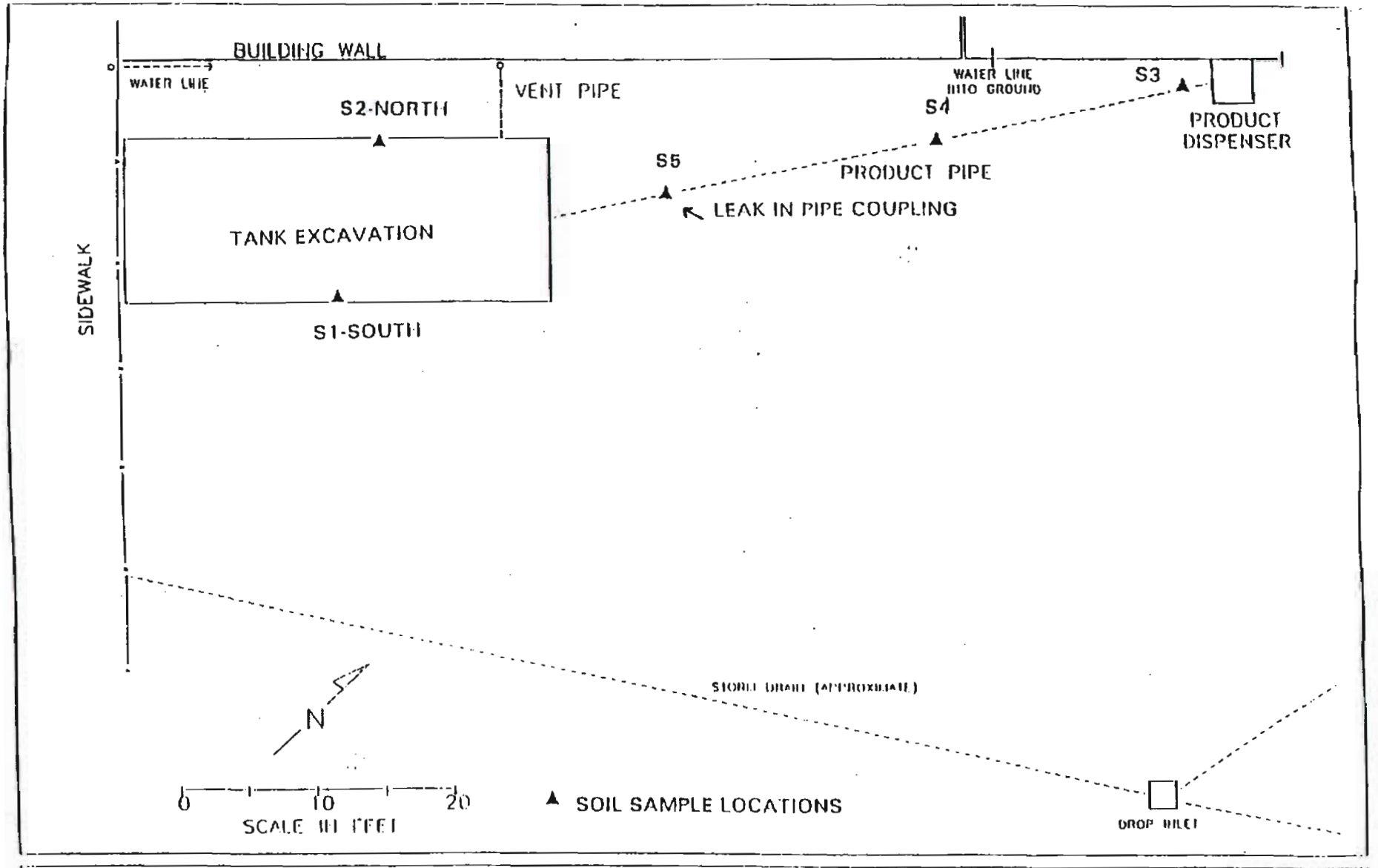


PES Environmental, Inc.
Engineering & Environmental Services

Soil and Grab Groundwater Analytical Results
Interim Remedial Actions
Former Cox Cadillac-230 Bay Place
Oakland, California

PLATE 4

167.0201.006	1670200004_base	CDR	4/99
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE



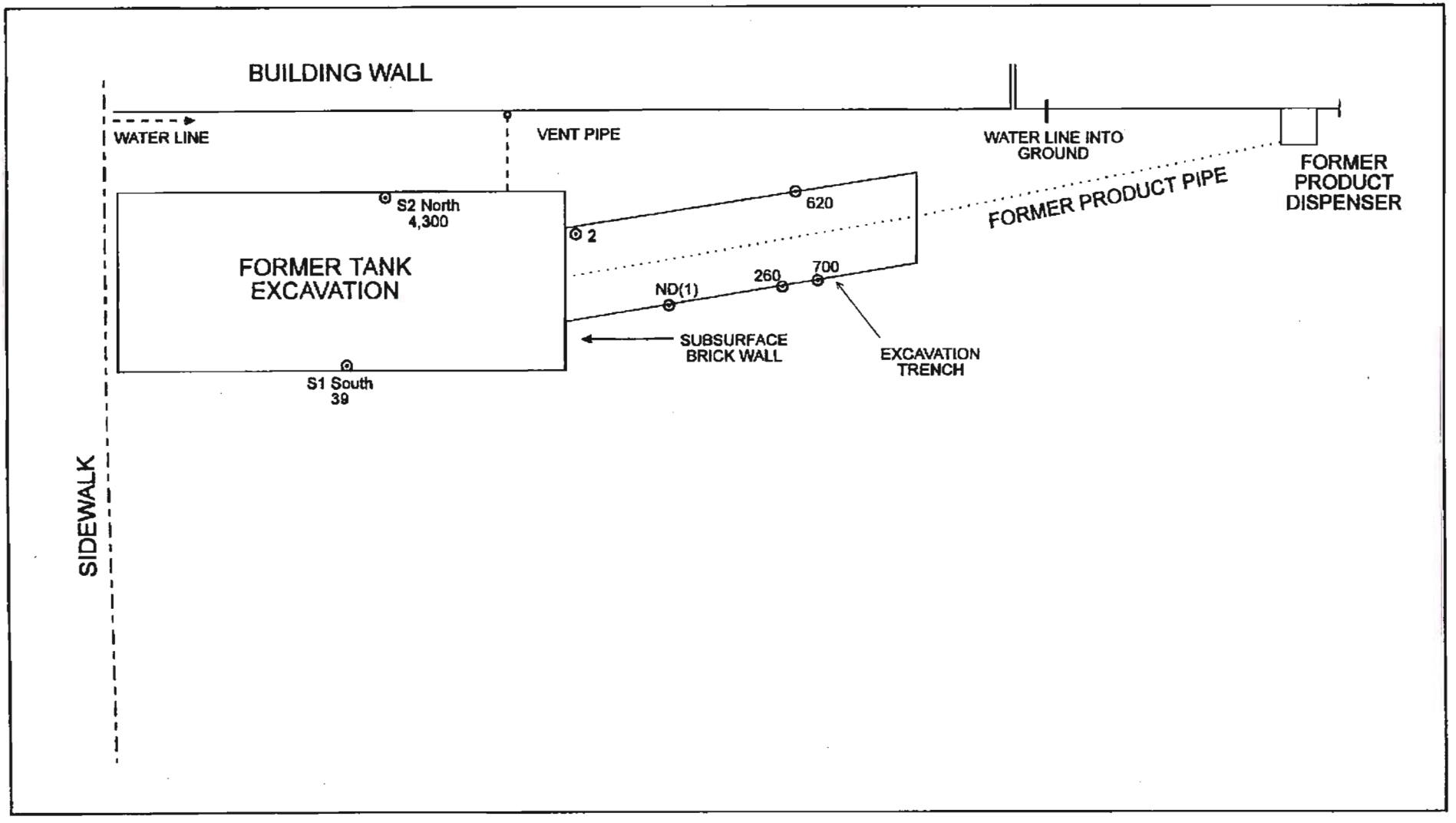
SITE PLAN WITH SAMPLE LOCATIONS

Bill Cox Cadillac
230 Bay Place
Oakland, California

Note: Utilities shown are those which are evident from surface observations. Additional subsurface utilities may be present.

FIGURE 5

EOA, Inc.
January 11, 1991



LEGEND

⊙ Soil Sample Location
TVH Concentration

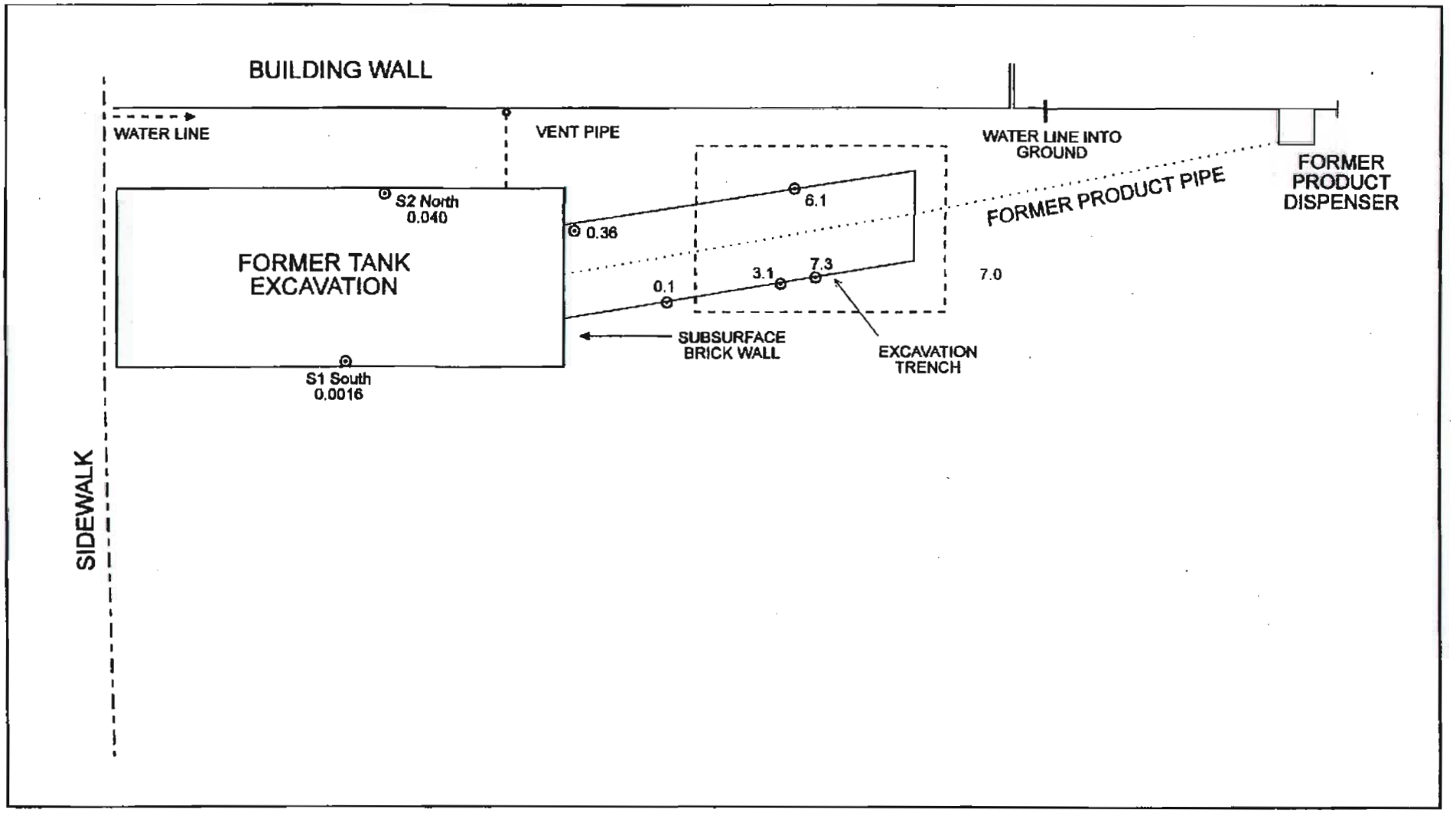
0' 10'
Approx. Scale
1" = 10'

FIGURE 6
TVH Concentrations in Soil (ppm)
January and June 1994
Bill Cox Cadillac
230 Bay Place
Oakland, California

EOA, Inc.

April 1996

GRAPHICS\CVGRAPHICS\CC05\FIGURE-6.CDR



LEGEND

- ⊙ Soil Sample Location
  Benzene Concentration
- Approximate area of Benzene-Impacted Soils at 7ppm

0' 10'
Approx. Scale
1" = 10'

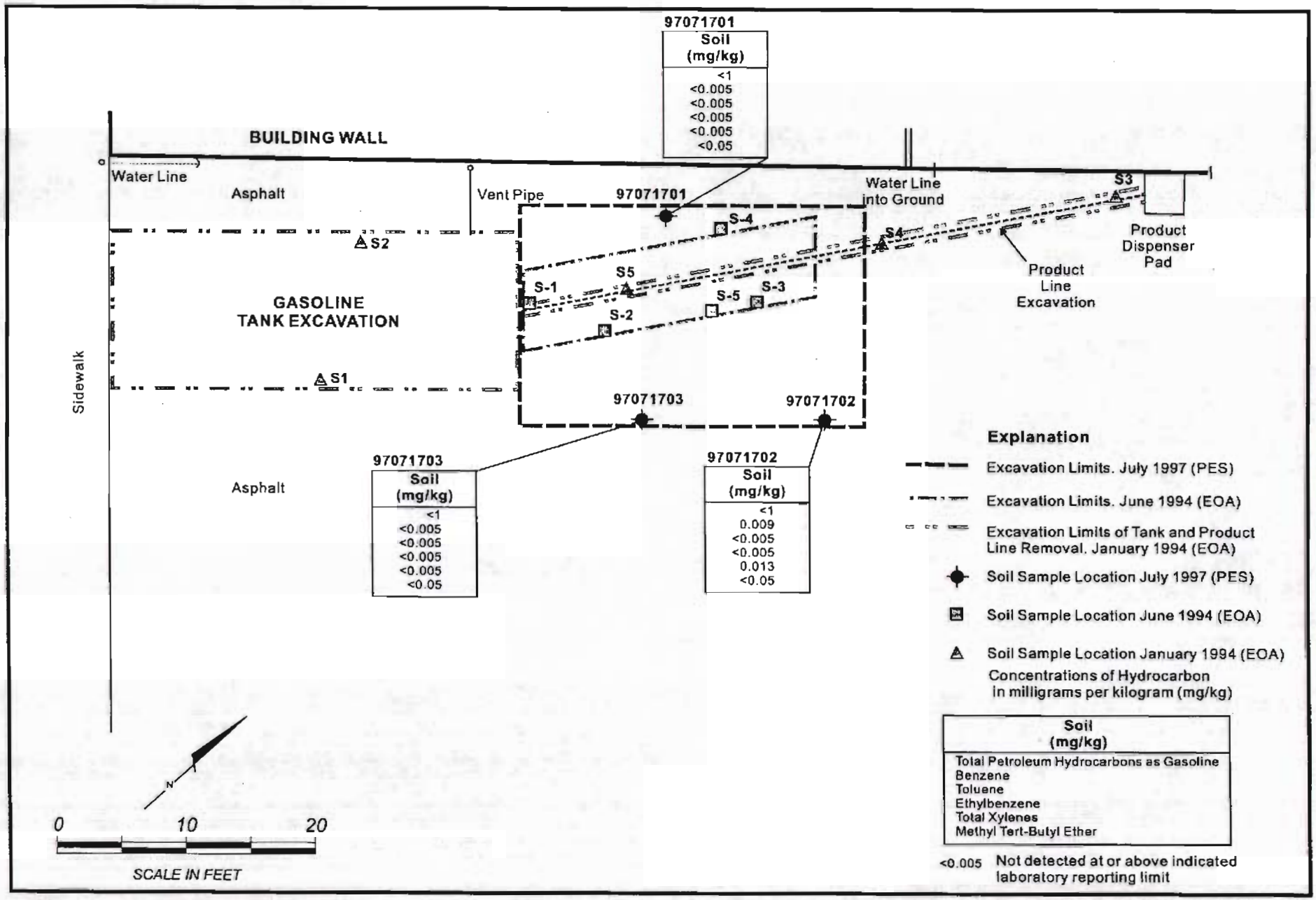
FIGURE 7
Benzene Concentrations in Soil (ppm)
Bill Cox Cadillac
230 Bay Place
Oakland, California

N

EOA, Inc.

April 1996

GRAPHICS\C\GRAPHICS\CC05\FIG-11.CDR



PES Environmental, Inc.
Engineering & Environmental Services

Soil Excavation and Confirmation Sample Results - July 1997
Interim Remedial Actions
Cox Cadillac - 230 Bay Place
Oakland, California

PLATE 8

167.0201.006	1670201008_D1.CDR	CDR	4/99
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE

Explanation

MW-1 ⊕ Monitoring Well Location

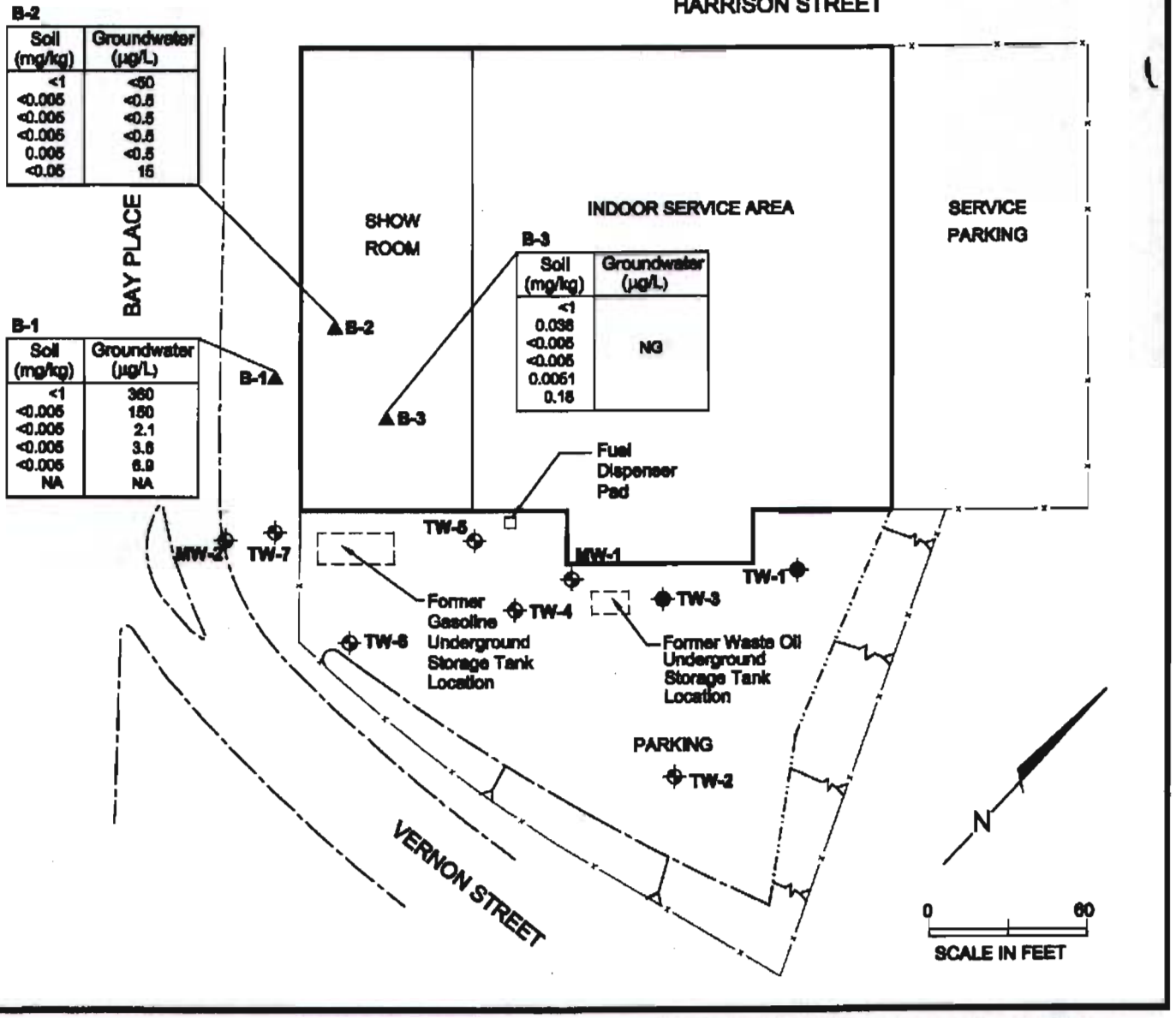
TW-1 ⊕ Temporary Well Location

B-1 ▲ Soil Boring/Grab Groundwater Sampling Location

Concentrations of Hydrocarbons
Milligrams per kilogram (mg/kg) in Soil
Micrograms per liter (µg/l) in Groundwater

Soil (mg/kg)	Groundwater (µg/L)
Total Petroleum Hydrocarbons as Gasoline	
Benzene	
Toluene	
Ethylbenzene	
Total Xylenes	
Methyl Tert-Butyl Ether	

<0.005 Not detected at or above indicated laboratory reporting limit
NG No groundwater encountered, no sample collected
NA Not Analyzed

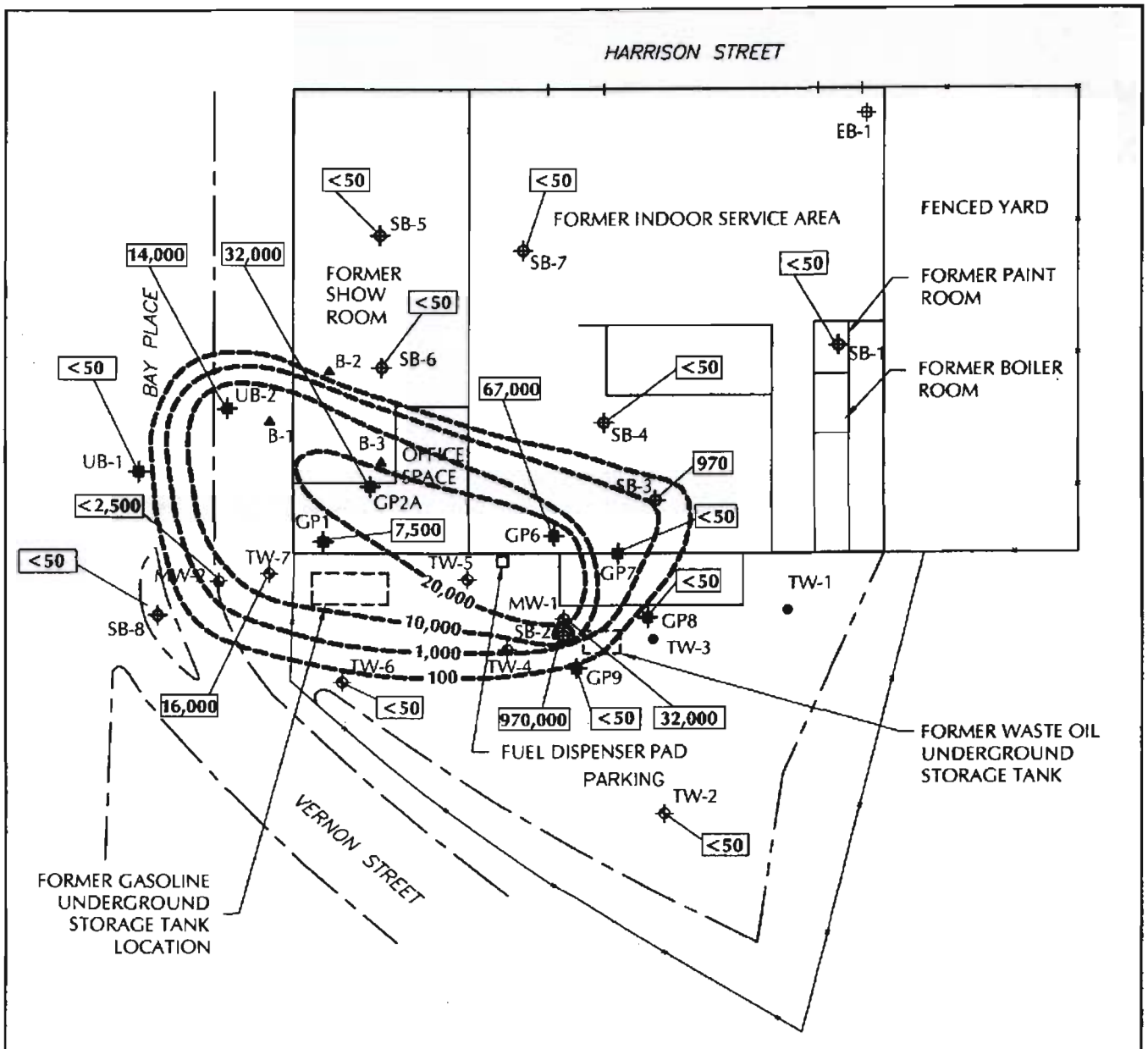


PES Environmental, Inc.
Engineering & Environmental Services

Soil and Grab Groundwater Analytical Results
Interim Remedial Actions
Former Cox Cadillac-230 Bay Place
Oakland, California

PLATE 9

167.0201.006	1670206004_base	CDR	4/99
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE



NOTES:

1. LOCATIONS OF ALL FEATURES DEPICTED ARE APPROXIMATE
2. CONCENTRATIONS IN MICROGRAMS PER LITER

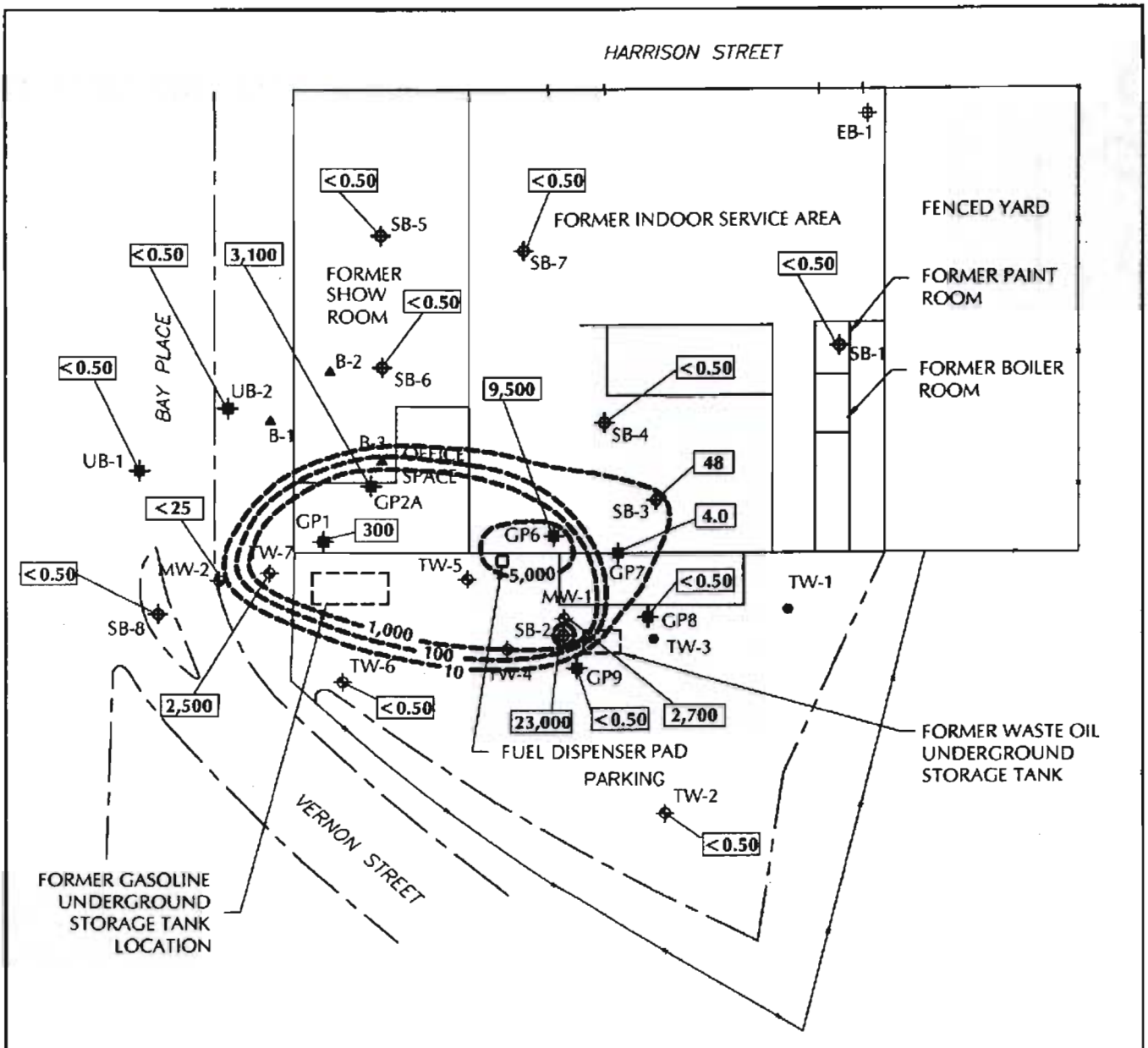
Total Petroleum Hydrocarbons as Gasoline Iso-Concentration Contours

Former Cox Cadillac, 230 Bay Place, Oakland, California

LFR LEVINE•FRICKE

Figure 10

I:\Design\001\091710\00000\DWG\TPH as Gas.dwg, TPH ISOconcentration Contours, 04/01/2004 09:37:41 AM



NOTES:

1. LOCATIONS OF ALL FEATURES DEPICTED ARE APPROXIMATE
2. CONCENTRATIONS IN MICROGRAMS PER LITER

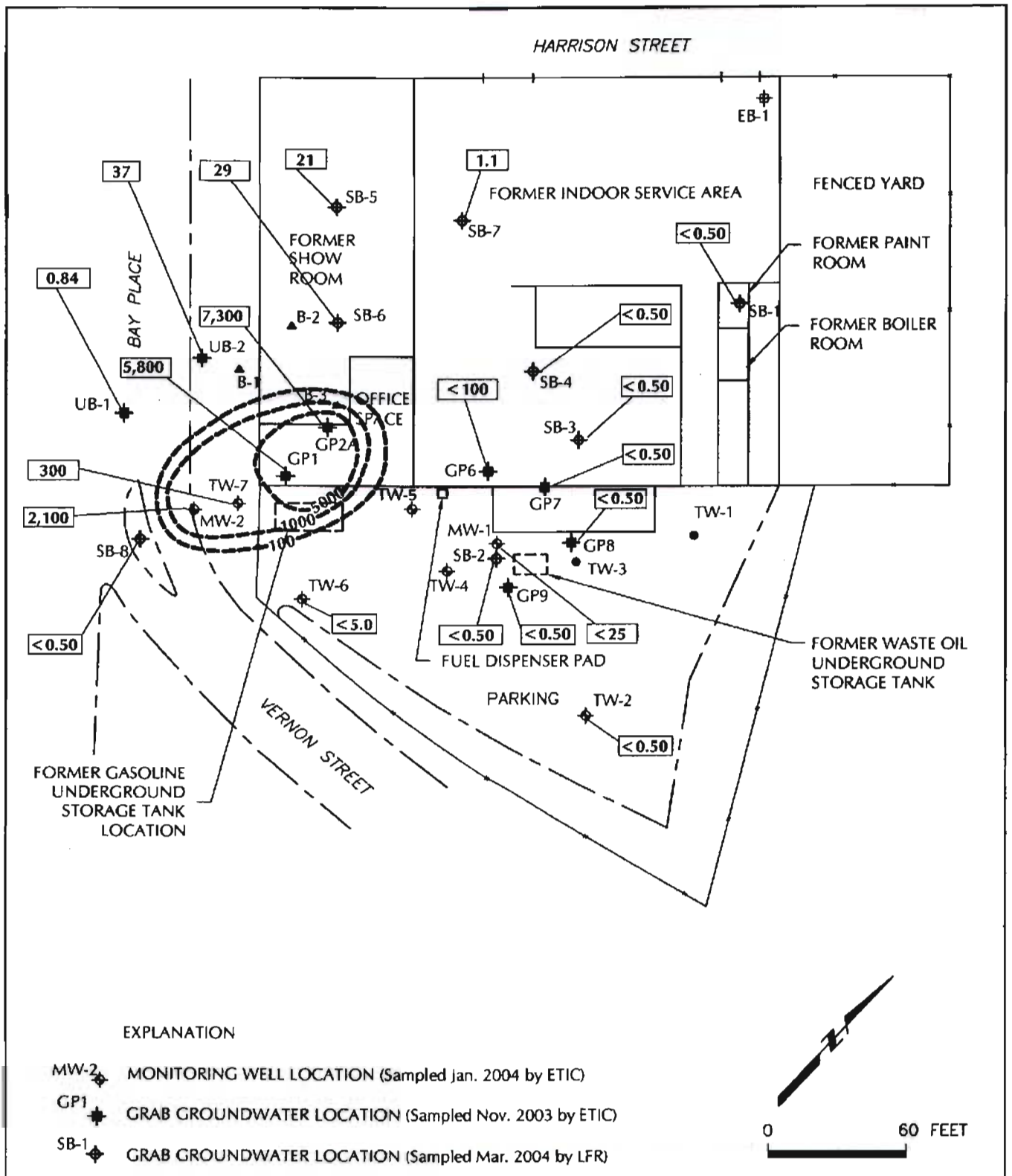
Benzene Iso-Concentration Contours

Former Cox Cadillac, 230 Bay Place, Oakland, California

LFR LEVINE•FRICKE

Figure 11

I:\Design\001\091701\000000\DWG\BENZENE.dwg, Benzene ISOconcentration Contours, 04/01/2004 09:36:29 AM



NOTES:

1. LOCATIONS OF ALL FEATURES DEPICTED ARE APPROXIMATE
2. CONCENTRATIONS IN MICROGRAMS PER LITER

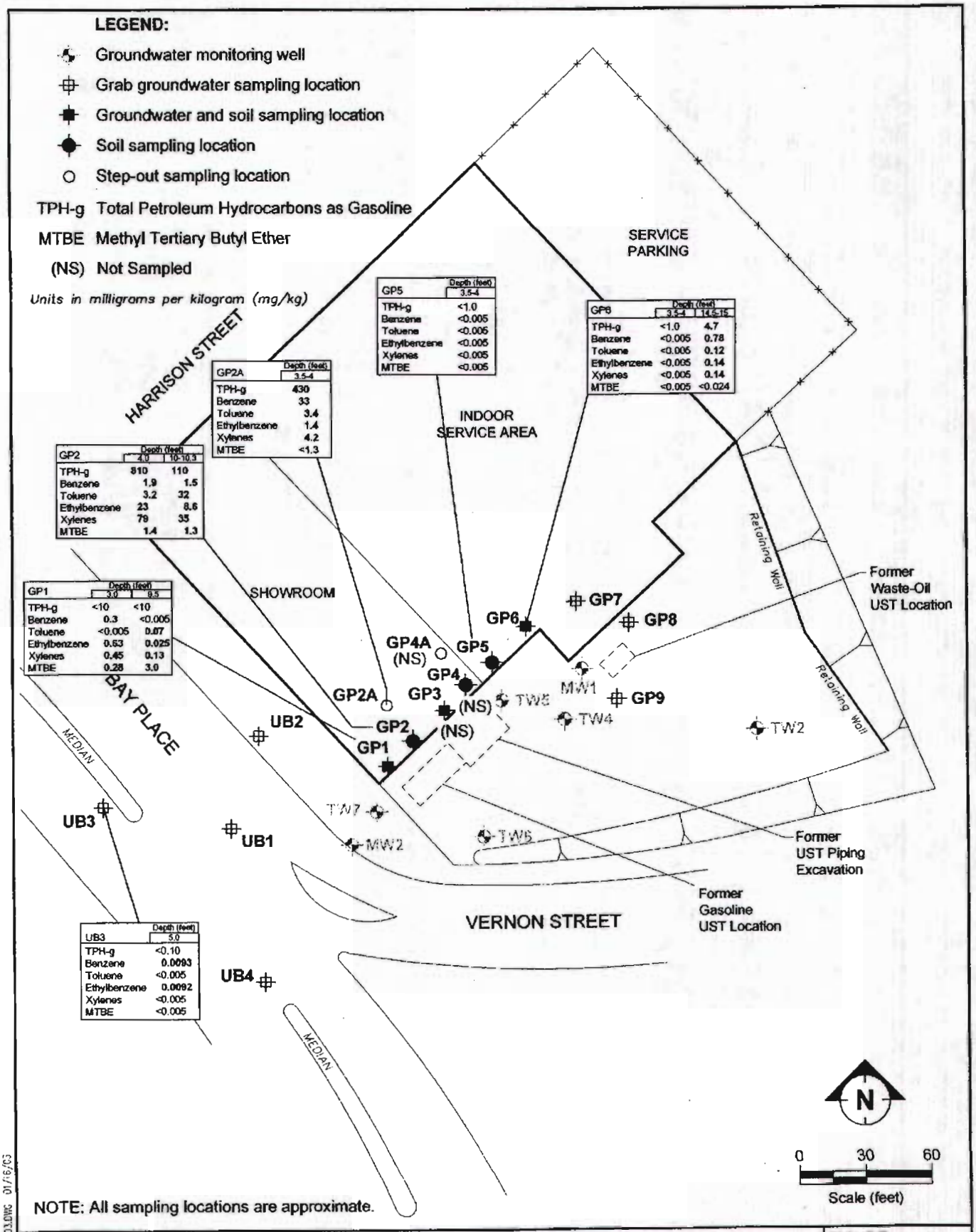
Methyl Tertiary Butyl Ether Iso-Concentration Contours

Former Cox Cadillac, 230 Bay Place, Oakland, California

LFR LEVINE·FRICKE

Figure 12

I:\Design\00\09\71\000000\DWG\mtbe.dwg, MTBE, 04/01/2004 09:41:20 AM



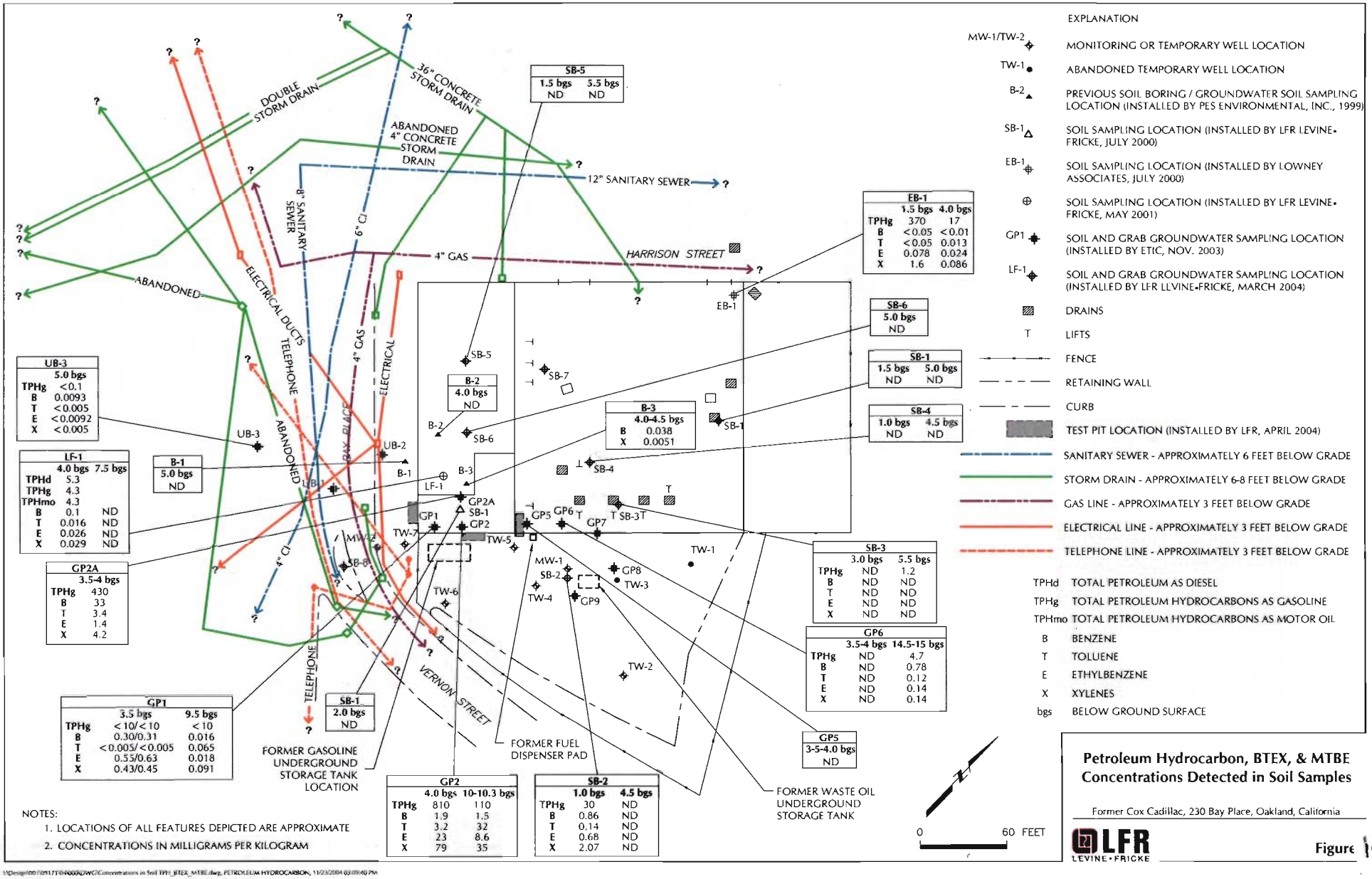
NOTE: All sampling locations are approximate.

ETIC ENGINEERING

SITE PLAN SHOWING SOIL SAMPLING RESULTS
SUPPLEMENTAL SITE INVESTIGATION
FORMER COX CADILLAC
230 BAY PLACE, OAKLAND, CALIFORNIA

FIGURE: 13

FILENAME: SITEPLAN1203.DWG 01/16/03



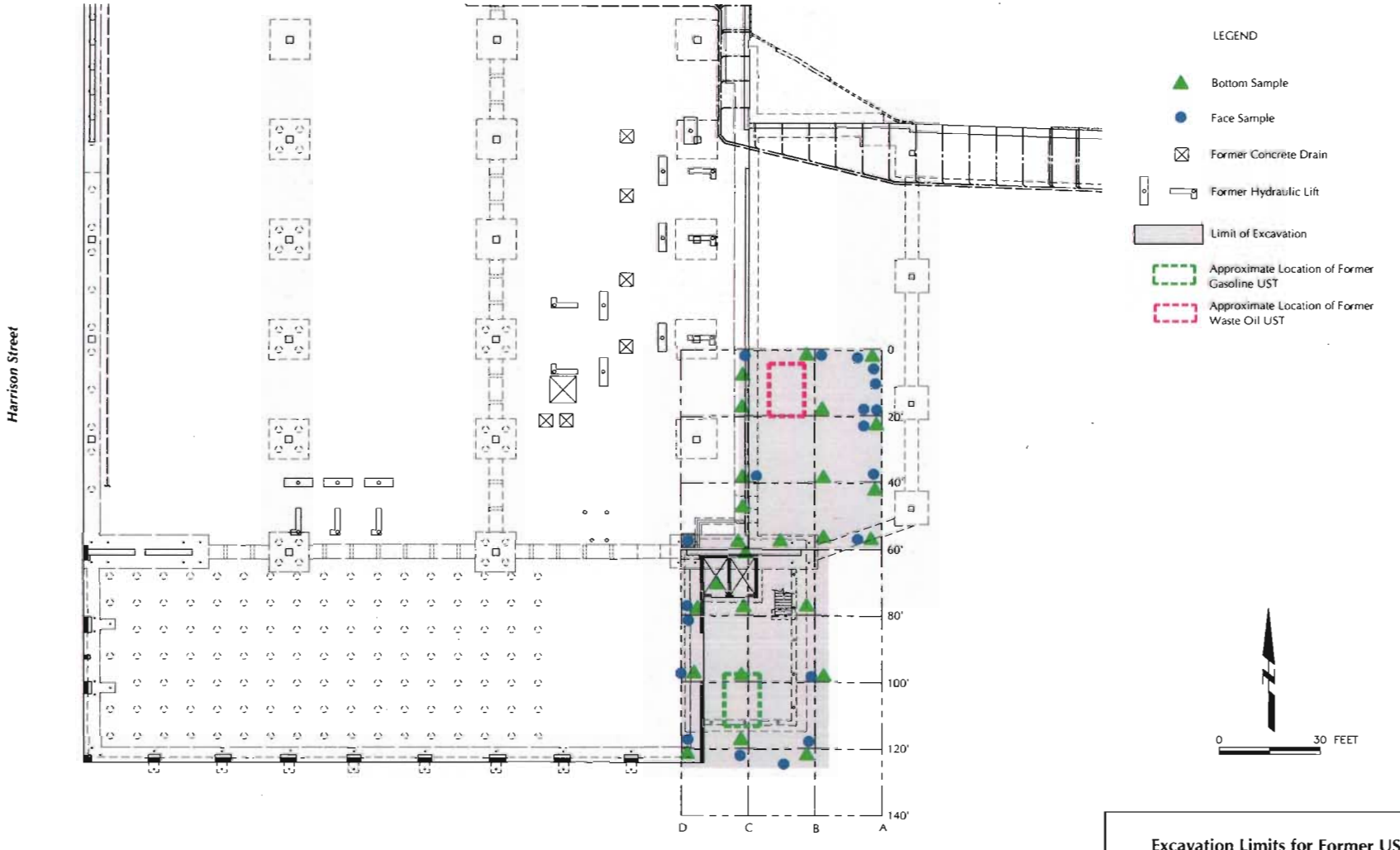
NOTES:
1. LOCATIONS OF ALL FEATURES DEPICTED ARE APPROXIMATE
2. CONCENTRATIONS IN MILLIGRAMS PER KILOGRAM

Petroleum Hydrocarbon, BTEX, & MTBE Concentrations Detected in Soil Samples

Former Cox Cadillac, 230 Bay Place, Oakland, California

LFR LEVINE • FRICKE

Figure 14

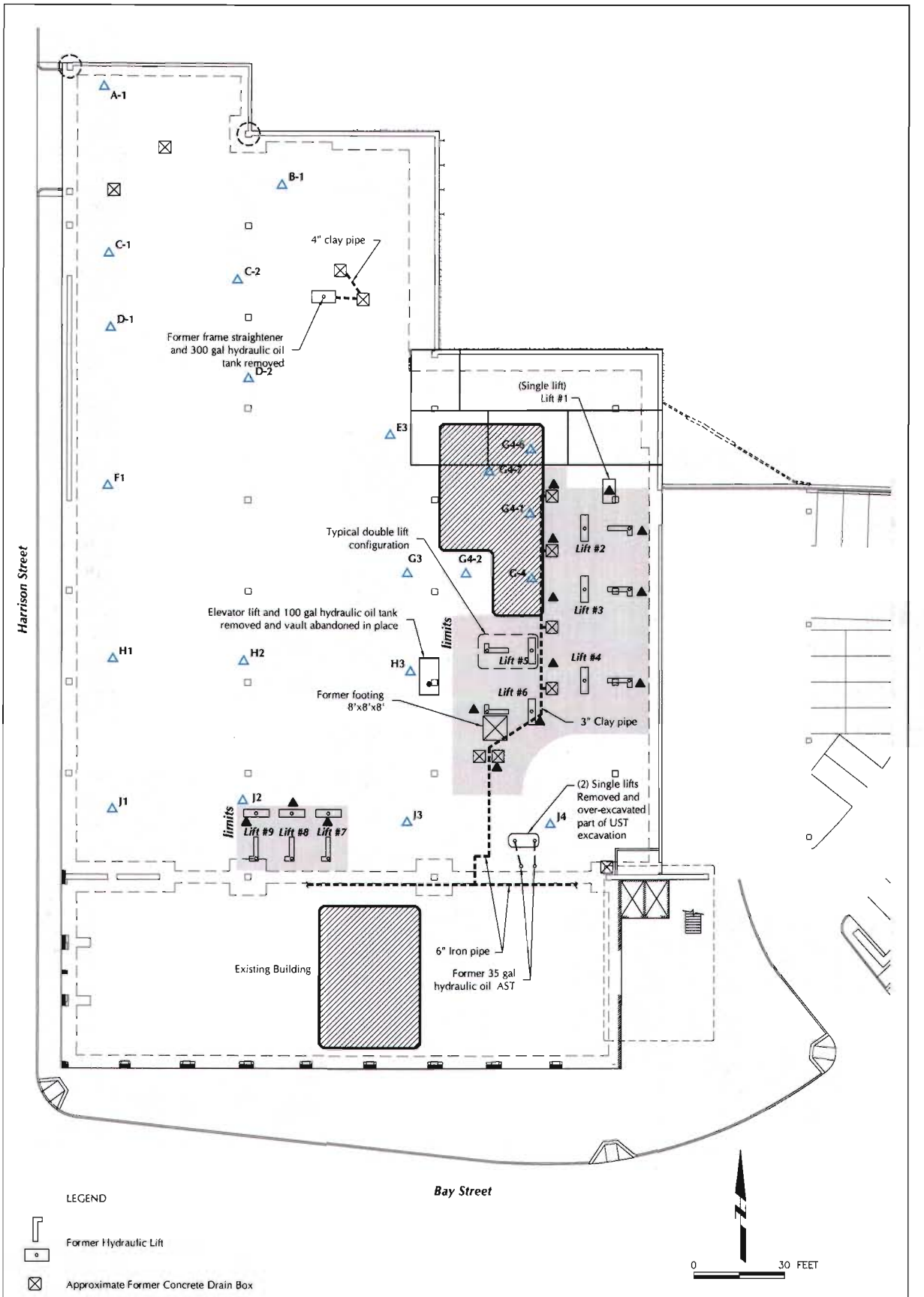


Excavation Limits for Former USTs and Confirmation Sampling Locations

Former Cox Cadillac, 230 Bay Place, Oakland, California

LFR

Figure 15



LEGEND

- Former Hydraulic Lift
- Approximate Former Concrete Drain Box
- Excavated Area for Lift & Drains
- Confirmation Soil Sample Location
- A3 Test Pit Location
- Approximate Areas of Excavation for Lead-Affected Soil

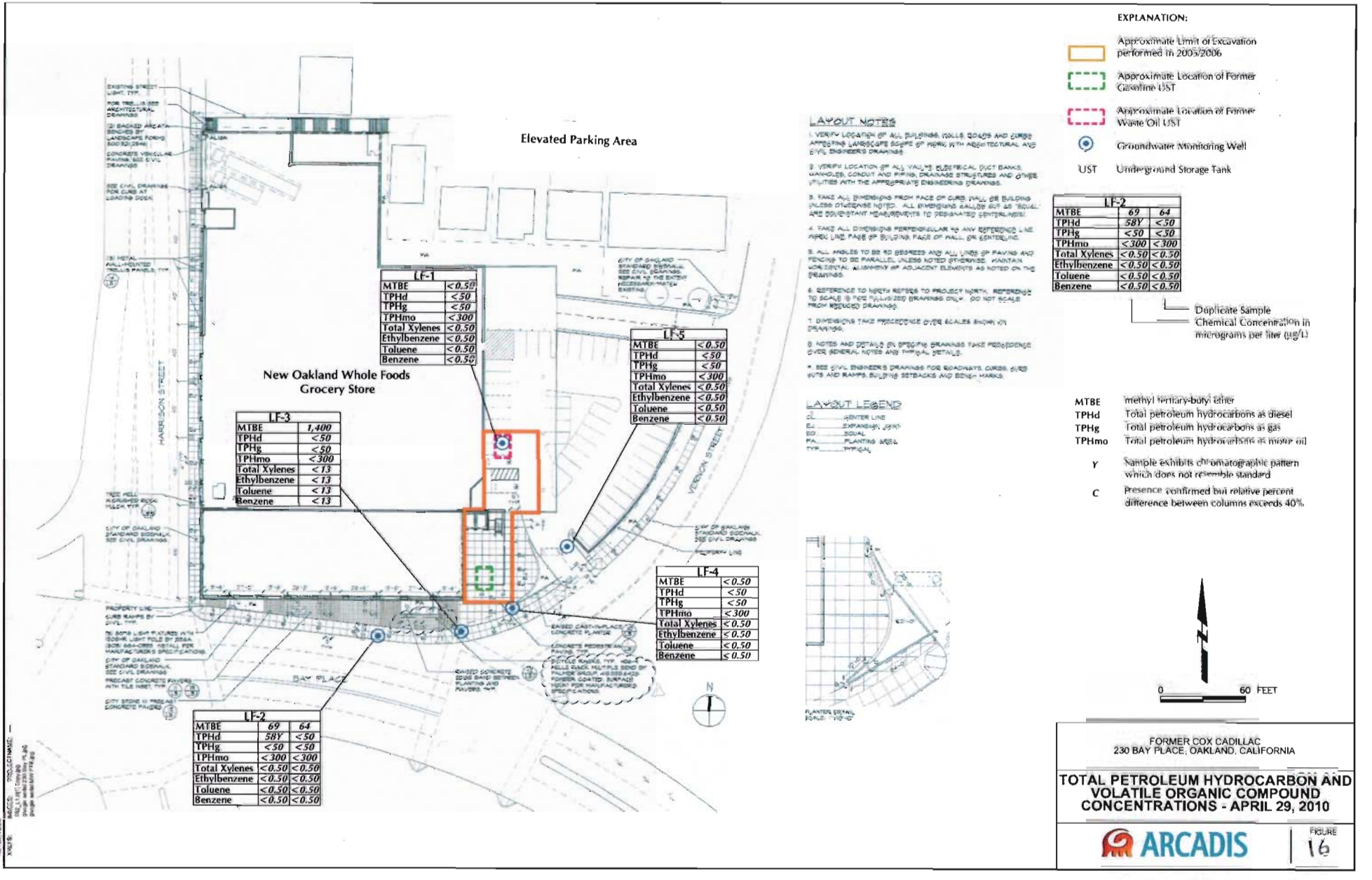
Test Pit Locations and Areas of Excavation for Lead-Affected Soil

Former Cox Cadillac, 230 Bay Place, Oakland, California

LFR

Figure 7

I:\Design\001\09171\15\dwg\Test Pits and Areas of Exc for Lead.dwg Jan 26,2007-1:41pm



LAYOUT NOTES

1. VERIFY LOCATION OF ALL BUILDINGS, WALLS, ROADS AND CURBS AFFECTING LANDSCAPE SCOPE OF WORK, WITH ARCHITECTURAL AND CIVIL ENGINEER'S DRAWINGS.
2. VERIFY LOCATION OF ALL VAULTS, ELECTRICAL DUCT BANKS, MANHOLES, CONDUIT AND PIPING, DRAINAGE STRUCTURES AND OTHER UTILITIES WITH THE APPROPRIATE ENGINEERING DRAWINGS.
3. TAKE ALL DIMENSIONS FROM FACE OF CURB, WALL OR BUILDING UNLESS OTHERWISE NOTED. ALL DIMENSIONS ALONG BUT AS "EQUAL" ARE CONSTANT MEASUREMENTS TO DESIGNATED CENTERLINES.
4. TAKE ALL DIMENSIONS PERPENDICULAR TO ANY REFERENCE LINE (WORK LINE, FACE OF BUILDING, FACE OF WALL OR CENTERLINE).
5. ALL ANGLES TO BE 90 DEGREES AND ALL LINES OF PAVING AND FENCING TO BE PARALLEL, UNLESS NOTED OTHERWISE. MAINTAIN HORIZONTAL ALIGNMENT OF ADJACENT ELEMENTS AS NOTED ON THE DRAWINGS.
6. REFERENCE TO NORTH REFERS TO PROJECT NORTH. REFERENCE TO SCALE IS FOR PLOTTED DRAWING ONLY. DO NOT SCALE FROM REDUCED DRAWING.
7. DIMENSIONS TAKE PRECEDENCE OVER SCALES SHOWN ON DRAWINGS.
8. NOTES AND DETAILS ON SPECIFIC DRAWINGS TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.
9. SEE CIVIL ENGINEER'S DRAWINGS FOR ROADWAYS, CURBS, CUTS AND RAMPS, BUILDING SETBACKS AND BENCH MARKS.

LAYOUT LEGEND

CL	CENTER LINE
EJ	EXPANSION JOINT
EQ	EQUAL
PA	PLANTING AREA
TYP	TYPICAL

EXPLANATION:

- Approximate Limit of Excavation performed in 2005/2006
- Approximate Location of Former Gasoline UST
- Approximate Location of Former Waste Oil UST
- Groundwater Monitoring Well
- UST — Underground Storage Tank

LF-2	69	64
MTBE	69	64
TPHd	58Y	<50
TPHg	<50	<50
TPHmo	<300	<300
Total Xylenes	<0.50	<0.50
Ethylbenzene	<0.50	<0.50
Toluene	<0.50	<0.50
Benzene	<0.50	<0.50

Duplicate Sample
Chemical Concentration in micrograms per liter (µg/L)

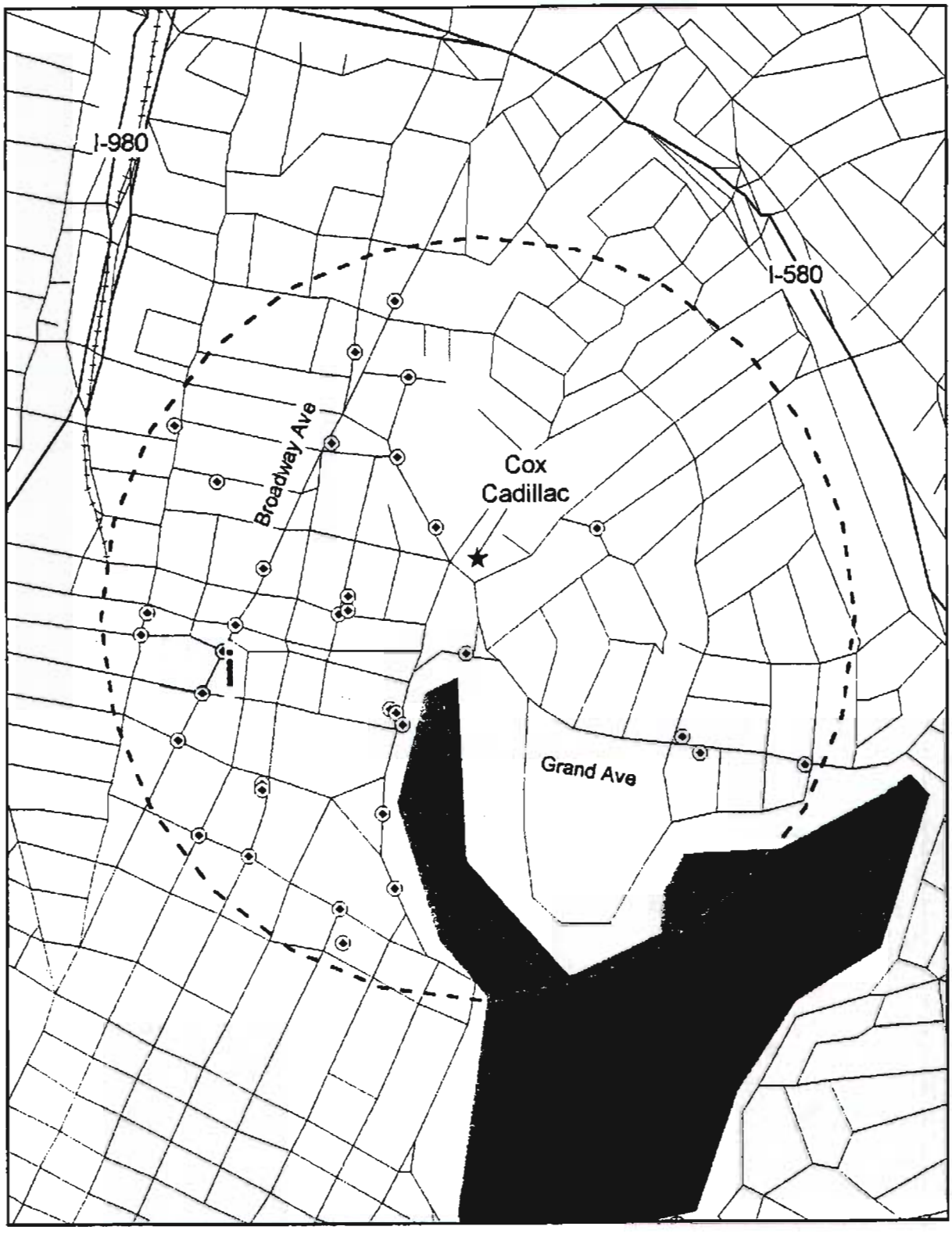
MTBE	methyl tertiary-butyl ether
TPHd	Total petroleum hydrocarbons as diesel
TPHg	Total petroleum hydrocarbons as gas
TPHmo	Total petroleum hydrocarbons as motor oil
Y	Sample exhibits chromatographic pattern which does not resemble standard
C	Presence confirmed but relative percent difference between columns exceeds 40%

FORMER COX CADILLAC
230 BAY PLACE, OAKLAND, CALIFORNIA

TOTAL PETROLEUM HYDROCARBON AND VOLATILE ORGANIC COMPOUND CONCENTRATIONS - APRIL 29, 2010

ARCADIS

FIGURE 16



N	Area Map of Wells Within 0.5 Mile Radius of Site	Legend 0 0.25 mi. Approximate Scale	Figure No. 18 EOA, Inc. April 1996

Table 1
Summary of Soil Sampling Analytical Results
Cox Cadillac

Sample Number	Depth (ft)	Location	TVH as Gasoline	Benzene	Toluene	Ethyl Benzene	Total Xylenes
S1-South	4	Tank excavation sidewall	39	0.0016	0.014	0.00073	0.0045
S2-North	5	Tank excavation sidewall	4300	0.040	0.250	0.085	0.460
S-1	7	Building side at the brick wall	2	0.360	0.210	0.013	0.079
S-2	3	6.5 feet from brick wall	ND (1)	0.100	0.073	ND (0.005)	0.025
S-3	4	18 feet from brick wall	700	7.3	36	12	68
S-4	4.5	18 feet from brick wall, building side	620	6.1	29	9.7	53
S-5	5	17 feet from brick wall	260	3.1	9.9	3.3	18

Notes:

1. TVH - Total Volatile Hydrocarbons; TVH by California DOHS Method/LUFT Manual, October 1989
2. ND - Not Detected at detection limits (listed in parentheses)
3. All results in milligrams per kilogram (parts per million)

F:\cc05\soilsanl.res

ATTACHMENT 2

Table 2
Excavation Soil Sample Analytical Results
Interim Remedial Actions
Former Cox Cadillac, 230 Bay Place
Oakland, California

Sample Number	Sample Location	Sample Depth (feet bgs)	Units	TPH-g	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE
97071701	North wall	2.5	mg/kg	<1	<0.005	<0.005	<0.005	<0.005	<0.05
97071702	South wall	2.5	mg/kg	<1	**0.009**	<0.005	<0.005	**0.013**	<0.05
97071703	South wall	2.5	mg/kg	<1	<0.005	<0.005	<0.005	<0.005	<0.05
97071704	Soil stockpile	NA	mg/kg	**32**	**0.29**	**1.2**	**0.58**	**3.1**	<0.05
97071705	Clean overburden stockpile	NA	mg/kg	<1	<0.005	<0.005	<0.005	<0.005	<0.05

Notes:
TPH-g = Total petroleum hydrocarbons quantified as gasoline.
MTBE = Methyl tert-butyl ether
bgs = Below ground surface.
mg/kg = Milligrams per kilogram.
µg/kg = Micrograms per kilogram.
<5 = Not detected at or above the laboratory reporting limit indicated.
NA = Not applicable.

Table 3
Soil and Grab Groundwater Sample Analytical Results
Interim Remedial Actions
Former Cox Cadillac, 230 Bay Place
Oakland, California

Sampling Location	Matrix / Depth (feet bgs)	Units	TPH-g	Benzene	Toluene	Ethyl Benzene	Xylenes	MTBE
B-1	Soil / 4.0	mg/kg	<1	<0.005	<0.005	<0.005	<0.005	NA
	Groundwater	µg/L	360	150	2.1	3.6	6.9	NA
B-2	Soil / 5.0	mg/kg	<1	<0.005	<0.005	<0.005	0.005	<0.05
	Groundwater	µg/L	<50	<0.5	<0.5	<0.5	<0.5	15
B-3	Soil / 4.0	mg/kg	<1	0.038	<0.005	<0.005	0.0051	0.18
	Groundwater	µg/L	--	--	--	--	--	--

Notes:
TPH-g = Total petroleum hydrocarbons quantified as gasoline.
MTBE = Methyl tert-butyl ether.
bgs = Below ground surface.
mg/Kg = Milligrams per kilograms.
µg/l = Micrograms per liter.
<1 = Not detected at or above the laboratory reporting limit indicated.
NA = Not analyzed.
-- = No free water encountered, no sample collected.

Table 4
Soil Analytical Data
Former Cox Cadillac Site
230 Bay Place
Oakland, California

Well Number	Sample Date	Sample Depth (feet)	TPH-g	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	1,2-DCA	EDB	TAME	TBA	DIPE	ETBE
GP1	11/25/2003	3.5	<10	**0.30**	<0.005	**0.55**	**0.43**	**0.28**	NA	NA	<0.005	<0.005	<0.005	<0.005
GP1 (Dup)	11/25/2003	3.5	<10	**0.31**	<0.005	**0.63**	**0.45**	**0.23**	NA	NA	<0.005	<0.005	<0.005	<0.005
GP1	11/25/2003	9.5	<10	**0.016**	**0.065**	**0.018**	**0.091**	**3.0***	NA	NA	<0.005	<0.005	<0.005	<0.005
GP2	11/25/2003	4.0	**810**	**1.9**	**3.2**	**23**	**79***	**1.4**	NA	NA	<0.005	<0.005	**0.53**	<0.005
GP2	11/25/2003	10-10.3	**110**	**1.5**	**32**	**8.6**	**35**	**1.3**	NA	NA	<0.005	<0.005	<0.005	<0.005
GP2A	11/26/2003	3.5-4	**430**	**33**	**3.4**	**1.4**	**4.2**	<1.3	<1.3	<1.3	<1.3	<6.3	<2.5	<1.3
GP5	11/26/2003	3.5-4	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010	<0.010	<0.005
GP6	11/26/2003	3.5-4	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010	<0.010	<0.005
GP6	11/26/2003	14.5-15	**4.7**	**0.78**	**0.12**	**0.14**	**0.14**	<0.024	**0.025**	<0.024	<0.024	<0.047	<0.047	<0.024
UB3	10/10/2003	5.0	<0.10	**0.0093**	<0.005	**0.0092**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010	<0.005	<0.50

Notes:

TPHg - Total Petroleum Hydrocarbons as gasoline
MTBE - Methyl tert-butyl ether
DCA - Dichloroethane
EDB - Ethylene dibromide
TAME - Tert-amyl methyl ether
TBA - Tert-butyl alcohol
DIPE - Di-isopropyl ether
ETBE - Ethyl tert-butyl ether
mg/kg = Milligrams per kilograms.
< = Not detected at or above indicated laboratory reporting limit.
NA= Not Analyzed
*-indicates 5:1 dilution factor for this compound

Table 5
Soil Analytical Data
(LFR March 2004)
Former Cox Cadillac Site
230 Bay Place
Oakland, California

Expressed in milligrams per kilogram (mg/kg)

Boring Number	Sample Date	Sample Depth (feet)	TPHg	TPHd	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE
SB-1	3/15/2004	1.5	<1.1	**2.8 Y**	<0.0051	<0.0051	<0.0051	<0.0051	<0.0046
SB-1	3/15/2004	5	<0.98	**3.0 Y**	<0.0049	<0.0049	<0.0049	<0.0049	<0.005
SB-2	3/15/2004	1	**30**	**33 H Y**	**0.86**	**0.14 C**	**0.68**	**2.07**	<0.0046
SB-2	3/15/2004	4.5	<1.1	<1.0	<0.0051	<0.0051	<0.0051	<0.0051	<0.0048
SB-3	3/15/2004	3	<1.1	**130 H Y**	<0.0053	<0.0053	<0.0053	<0.0053	<0.0049
SB-3	3/15/2004	5.5	**1.2**	**7 H Y**	<0.0053	<0.0053	<0.0053	<0.0053	<0.0045
SB-4	3/15/2004	1	<1.1	**8.4 H Y**	<0.0053	<0.0053	<0.0053	<0.0053	<0.0049
SB-4	3/15/2004	4.5	<0.98	**5.5 H Y**	<0.0049	<0.0049	<0.0049	<0.0049	<0.005
SB-5	3/15/2004	1.5	<1.1	**2.6 Y**	<0.0055	<0.0055	<0.0055	<0.0055	<0.0045
SB-5	3/15/2004	5.5	<1.1	**1.3 Y**	<0.0051	<0.0051	<0.0051	<0.0051	<0.0048
SB-6	3/15/2004	5	<1.1	**4.5 H Y**	<0.0054	<0.0054	<0.0054	<0.0054	<0.0049

Notes:

Bold denotes detection above laboratory detection limit.

TPHg = Total petroleum hydrocarbons as gasoline
MTBE = Methyl tertiary-butyl ether
H = Heavier hydrocarbons contributed to the quantitation
Y = Sample exhibits chromatographic pattern which does not resemble standard
ND = Not detected
C = Presence confirmed, but Relative Percent Difference (RPD) between columns exceeds 40%

TABLE 6 GROUNDWATER ANALYTICAL DATA, FORMER COX CADILLAC, 230 BAY PLACE, OAKLAND, CALIFORNIA

		Concentration (µg/L)														
Well Number	Sample Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	MTBE	1,2-DCA	EDB	TAME	TBA	DIPE	ETBE	1,1-DCA	Dissolved Lead	Ethanol
MW-1	03/03/93	8,500	7,500	4,400	15,000	110,000	--	350	--	--	--	--	--	--	--	--
MW-1	10/13/93	6,100	4,800	4,000	11,000	74,000	--	350	80	--	--	--	--	--	--	--
MW-1	12/22/94	18,000	11,000	2,800	16,000	110,000	--	130	--	--	--	--	--	<1.0	--	--
MW-1	03/24/95	3,700	1,800	2,200	4,700	25,000	--	130	--	--	--	--	--	<5.0	23	--
MW-1	06/29/95	5,300	2,100	3,200	7,500	28,000	--	110	--	--	--	--	--	<2.0	14	--
MW-1	09/29/95	5,600	2,200	3,800	7,400	43,000	--	98	--	--	--	--	--	<1.0	16	--
MW-1	02/23/96	4,800	3,000	3,400	7,700	46,000	--	96	--	--	--	--	--	<1.0	24	--
MW-1	01/12/99	2,600	970	2,900	5,700	39,000	800	--	--	--	--	--	--	--	--	--
MW-1	04/13/99	1,500	500	<50	4,000	29,000	520	--	--	--	--	--	--	--	--	--
MW-1	07/07/99	1,900	870	1,600	3,900	31,000	<250	--	--	--	--	--	--	--	--	--
MW-1	10/06/99	2,100	910	1,800	4,400	32,000	<250 a	--	--	--	--	--	--	--	--	--
MW-1	01/11/00	52	3.9	63	12	2,400	<5.0 a	--	--	--	--	--	--	--	--	--
MW-1	04/06/01	4,300	3,200	2,600	7,300	32,000	<10 a	--	--	--	--	--	--	--	--	--
MW-1	07/25/01	2,300	1,300	2,500	6,200	24,000	<25 a	--	--	--	--	--	--	--	--	--
MW-1	11/20/01	2,100	890	2,500	3,600	33,000	<100 a	--	--	--	--	--	--	--	--	--
MW-1	01/23/02	2,400	1,400	2,500	5,900	28,000	350	--	--	--	--	--	--	--	--	--
MW-1	04/26/02	3,200	2,400	2,700	6,300	39,000	2,800	--	--	--	--	--	--	--	--	--
MW-1	07/25/02	2,300	1,300	2,500	4,700	26,000	<500	--	--	--	--	--	--	--	--	--
MW-1	10/22/02	2,800	1,300	4,300	8,600	42,000	<10	<50	<50	<50	<100	<50	<50	--	--	--
MW-1	01/27/03	1,600	660	2,100	3,100	20,000	<20	<100	<100	<100	<200	<100	<100	--	--	--
MW-1	10/22/03 b	2,000	800	1,600	2,800	22,000	<20	<20	<20	<20	<200	<40	<20	--	--	<1,000
MW-1	01/30/04	2,700	1,400	2,900	5,800	32,000	<25	<25	<25	<25	<250	<50	<25	--	--	<1,300
MW-2	01/12/99	1.5	<0.50	<0.50	<0.50	<50	2,900	--	--	--	--	--	--	--	--	--
MW-2	04/13/99	0.76	<0.50	<0.50	<0.50	<50	3,800	--	--	--	--	--	--	--	--	--
MW-2	07/07/99	<25	<25	<25	<25	<2,500	7,000 a	--	--	--	--	--	--	--	--	--
MW-2	10/06/99	73	<25	<25	<25	2,800	300 a	--	--	--	--	--	--	--	--	--
MW-2	01/11/00	890	<100	<100	<100	11,000	8,400 a	--	--	--	--	--	--	--	--	--
MW-2	04/06/01	210	<25	<25	<25	2,800	3,800 a	--	--	--	--	--	--	--	--	--
MW-2	07/25/01	250	<12.5	<12.5	<12.5	3,400	4,200 a	--	--	--	--	--	--	--	--	--
MW-2	11/20/01	870	<100	<100	200	12,000	8,700	--	--	--	--	--	--	--	--	--
MW-2	01/23/02	100	<25	<25	<25	3,900	3,300	--	--	--	--	--	--	--	--	--
MW-2	04/26/02	13	<0.50	<0.50	<1.5	90	6,900	--	--	--	--	--	--	--	--	--
MW-2	07/25/02	<50	<50	<50	<100	<5,000	6,600	--	--	--	--	--	--	--	--	--
MW-2	10/22/02	<5.0	<5.0	<5.0	<10	7,800	7,000	<250	<250	<250	<500	<250	<250	--	--	--
MW-2	01/27/03	90	100	60	78	6,100	6,400	<250	<250	<250	<500	<250	<250	--	--	--
MW-2	10/22/03 b	<10	<10	<10	<20	2,000 g	3,000	<10	<10	<10	<100	<20	<10	--	--	<500
MW-2	01/30/04	<25	<25	<25	<50	<2,500	2,100	<25	<25	<25	<250	<50	<25	--	--	<1,300

TABLE 6 GROUNDWATER ANALYTICAL DATA, FORMER COX CADILLAC, 230 BAY PLACE, OAKLAND, CALIFORNIA

		Concentration (µg/L)														
Well Number	Sample Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	MTBE	1,2-DCA	EDB	TAME	TBA	DIPE	ETBE	1,1-DCA	Dissolved Lead	Ethanol
TW-1	10/13/93	<0.50	<0.50	<0.50	<0.50	<50	--	<0.50	<0.50	--	--	--	--	--	--	--
TW-2	10/13/93	<0.50	<0.50	<0.50	<0.50	<50	--	<0.50	<0.50	--	--	--	--	--	--	--
TW-2	01/12/99	<0.50	<0.50	<0.50	<0.50	<50	<5.0	--	--	--	--	--	--	--	--	--
TW-2	04/13/99	<0.50	<0.50	<0.50	<0.50	<50	<5.0	--	--	--	--	--	--	--	--	--
TW-2	07/07/99	<0.50	<0.50	<0.50	<0.50	<50	<5.0	--	--	--	--	--	--	--	--	--
TW-2	10/06/99	<0.50	<0.50	<0.50	<0.50	<50	<5.0	--	--	--	--	--	--	--	--	--
TW-2	01/11/00	<0.50	<0.50	<0.50	<0.50	<50	<5.0	--	--	--	--	--	--	--	--	--
TW-2	04/06/01	<0.50	<0.50	<0.50	<0.50	<50	<5.0	--	--	--	--	--	--	--	--	--
TW-2	07/25/01	<0.50	<0.50	<0.50	<0.50	<50	<5.0	--	--	--	--	--	--	--	--	--
TW-2	11/20/01	<0.50	<0.50	<0.50	<0.50	<50	<5.0	--	--	--	--	--	--	--	--	--
TW-2	01/23/02	<0.50	<0.50	<0.50	<0.50	<50	<5.0	--	--	--	--	--	--	--	--	--
TW-2	04/26/02	<0.50	<0.50	<0.50	<1.5	<50	<5.0	--	--	--	--	--	--	--	--	--
TW-2	07/25/02	<0.50	<0.50	<0.50	<1.0	<50	<5.0	--	--	--	--	--	--	--	--	--
TW-2	10/22/02	<0.50	<0.50	<0.50	<1.0	<50	<1.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	--	--	--
TW-2	01/27/03	<0.50	<0.50	<0.50	<1.0	<50	<1.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	--	--	--
TW-2	10/22/03 b	<0.50	<0.50	<0.50	<1.0	53 g	<0.50	<0.50	<0.50	<0.50	<5.0	<1.0	<0.50	--	--	<25
TW-2	01/30/04	<0.50	<0.50	<0.50	<1.0	<50	<0.50	<0.50	<0.50	<0.50	<5.0	<1.0	<0.50	--	--	<25
TW-3	10/13/93	<0.50	<0.50	<0.50	<0.50	<50	--	<0.50	<0.50	--	--	--	--	--	--	--
TW-4	10/13/93	65	18	49	33	2,000	--	<5.0	<5.0	--	--	--	--	--	--	--
TW-4	10/03/03 b	<0.50	0.97	0.63	1.4	<50	<0.50	<0.50	<0.50	<0.50	<5.0	<1.0	<0.50	--	--	<25
TW-5	10/13/93	20,000	25,000	3,800	23,000	140,000	--	<100	<100	--	--	--	--	--	--	--
TW-5	10/03/03 b	4,400	1,700	820	2,900	21,000	<100	<100	<100	<100	<100	<200	<100	--	--	<5,000
TW-6	10/14/93	3,800	1,600	110	540	4,100	--	<1.0	<1.0	--	--	--	--	--	--	--
TW-6	12/22/94	5,400	2,700	3,100	6,800	24,000	--	<1.0	--	--	--	--	--	<1.0	--	--
TW-6	03/24/95	4,900	530	270	380	10,000	--	<2.0	--	--	--	--	--	<2.0	<3.0	--
TW-6	06/29/95	12,000	6,600	1,000	3,000	28,000	--	<1.0	--	--	--	--	--	<1.0	4.2	--
TW-6	09/29/95	19,000	5,200	1,500	4,000	47,000	--	<1.0	--	--	--	--	--	<1.0	3.3	--
TW-6	02/23/96	13,000	5,200	1,100	2,770	25,000	--	<1.0	--	--	--	--	--	<1.0	5.2	--
TW-6	01/12/99	9,900	4,100	1,000	4,000	29,000	210	--	--	--	--	--	--	--	--	--
TW-6	04/13/99	0.70	<0.50	<0.50	0.62	<50	22	--	--	--	--	--	--	--	--	--
TW-6	07/07/99	13	<0.50	<0.50	2.2	55	8.1 a	--	--	--	--	--	--	--	--	--
TW-6	10/06/99	0.59	<0.50	<0.50	<0.50	<50	<5	--	--	--	--	--	--	--	--	--
TW-6	01/11/00	<0.50	<0.50	<0.50	<0.50	<50	<5.0	--	--	--	--	--	--	--	--	--
TW-6	04/06/01	<0.50	<0.50	<0.50	<0.50	<50	<5.0	--	--	--	--	--	--	--	--	--

TABLE 6 GROUNDWATER ANALYTICAL DATA, FORMER COX CADILLAC, 230 BAY PLACE, OAKLAND, CALIFORNIA

			Concentration (µg/L)														
Well Number	Sample Date		Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	MTBE		1,2-DCA	EDB	TAME	TBA	DIPE	ETBE	1,1-DCA	Dissolved Lead	Ethanol
TW-6	07/25/01		<0.50	<0.50	<0.50	<0.50	<50	<5.0		--	--	--	--	--	--	--	--	--
TW-6	11/20/01		<0.50	<0.50	<0.50	<0.50	<50	<5.0		--	--	--	--	--	--	--	--	--
TW-6	01/23/02		<0.50	<0.50	<0.50	<0.50	<50	<5.0		--	--	--	--	--	--	--	--	--
TW-6	04/26/02		<0.50	<0.50	<0.50	<1.5	<50	<5.0		--	--	--	--	--	--	--	--	--
TW-6	07/25/02		0.60	<0.50	<0.50	<1	<50	<5.0		--	--	--	--	--	--	--	--	--
TW-6	10/22/02		<0.50	<0.50	<0.50	<1.0	<50	<1.0		<5.0	<5.0	<5.0	<10	<5.0	<5.0	--	--	--
TW-6	01/27/03		<0.50	<0.50	<0.50	<1.0	<50	<1.0		<5.0	<5.0	<5.0	<10	<5.0	<5.0	--	--	--
TW-6	10/22/03	b	<0.50	<0.50	<0.50	<1.0	<50	<5.0		<0.50	<0.50	<0.50	<5.0	<1.0	<0.50	--	--	<25
TW-6	01/30/04		<0.50	<0.50	<0.50	<1.0	<50	<5.0		<0.50	<0.50	<0.50	<5.0	<1.0	<0.50	--	--	<25
TW-7	10/14/93		48,000	15,000	3,400	16,000	100,000	--		<50	<50	--	--	--	--	--	--	--
TW-7	12/22/94		49,000	33,000	7,300	28,000	210,000	--		<1.0	--	--	--	--	--	<1.0	--	--
TW-7	03/24/95		13,000	7,000	1,500	5,600	56,000	--		<2.0	--	--	--	--	--	<2.0	<3.0	--
TW-7	06/29/95		39,000	8,100	3,000	8,300	100,000	--		<1.0	--	--	--	--	--	<1.0	3.5	--
TW-7	09/29/95		32,000	8,700	2,900	8,600	74,000	--		<1.0	--	--	--	--	--	<1.0	3.5	--
TW-7	02/23/96		22,000	8,400	2,700	6,900	50,000	--		<5.0	--	--	--	--	--	<5.0	3.8	--
TW-7	01/12/99		7,300	670	2,700	960	29,000	<100		--	--	--	--	--	--	--	--	--
TW-7	04/13/99		4,500	1,800	180	8,200	54,000	1,200		--	--	--	--	--	--	--	--	--
TW-7	07/07/99		8,000	4,500	1,200	3,500	42,000	2,200	a	--	--	--	--	--	--	--	--	--
TW-7	10/06/99		9,700	1,600	1,600	2,100	29,000	580	a	--	--	--	--	--	--	--	--	--
TW-7	01/11/00		8,500	7,100	1,600	6,700	52,000	2,600	a	--	--	--	--	--	--	--	--	--
TW-7	04/06/01		4,800	1,800	2,200	3,400	22,000	690	a	--	--	--	--	--	--	--	--	--
TW-7	07/25/01		5,100	660	1,400	2,100	20,000	1,100	a	--	--	--	--	--	--	--	--	--
TW-7	11/20/01		6,400	1,100	1,000	2,400	26,000	1,600		--	--	--	--	--	--	--	--	--
TW-7	01/23/02		5,100	510	2,200	3,900	25,000	1,200		--	--	--	--	--	--	--	--	--
TW-7	04/26/02		4,400	1,300	2,900	2,370	29,000	1,600		--	--	--	--	--	--	--	--	--
TW-7	07/25/02		4,900	470	1,600	1,700	21,000	1,900		--	--	--	--	--	--	--	--	--
TW-7	10/22/02		6,700	410	1,100	1,500	31,000	1,700	a	<100	<100	<100	<200	<100	<100	--	--	--
TW-7	01/27/03		2,700	710	1,900	1,100	17,000	680		<100	<100	<100	<200	<100	<100	--	--	--
TW-7	10/22/03	b	2,900	130	310	370	13,000	660		<13	<13	<13	<130	<25	<13	--	--	<630
TW-7	01/30/04		2,500	520	1,900	550	16,000	300		<25	<25	<25	<250	<50	<25	--	--	<1,300

TABLE 6 GROUNDWATER ANALYTICAL DATA, FORMER COX CADILLAC, 230 BAY PLACE, OAKLAND, CALIFORNIA

		Concentration (µg/L)														
Well Number	Sample Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	MTBE	1,2-DCA	EDB	TAME	TBA	DIPE	ETBE	1,1-DCA	Dissolved Lead	Ethanol

Notes:

TPHg - Total Petroleum Hydrocarbons as gasoline
MTBE - Methyl tertiary butyl ether
DCA - Dichloroethane
EDB - Ethylene dibromide
TAME - Tertiary amyl methyl ether
TBA - Tertiary butyl alcohol
DIPE - Di-isopropyl ether
ETBE - Ethyl tertiary butyl ether
µg/L = Micrograms per liter.
< = Not detected at or above indicated laboratory reporting limit.
-- = Not Analyzed
a = MTBE Confirmation by EPA Method 8260B.
b = Samples were analyzed by EPA Method 8260B.
g = hydrocarbon reported in gasoline range does not match our gasoline standard.

Table 6
Analytical Results for Volatile Organic Compounds
in Groundwater Samples
Former Cox Cadillac Property
230 Bay Place, Oakland, California
Concentrations in micrograms per liter

Location ID	Date Collected	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPHmo	TPHg	TPHd	MTBE	TDS mg/L	TBA	DIPE	ETBE	TAME
LF-1	8-Oct-07	<0.50	<0.50	<0.50	<0.50	<300	<250	<50	<0.50	NA	<50	<2.5	<2.5	<2.5
	6-Feb-08	<0.50	<0.50	<0.50	<0.50	<300	<50	55Y	<2.0	NA	NA	NA	NA	NA
	6-May-08	<0.50	<0.50	<0.50	<0.50	<300	<50	<50	<0.50	NA	NA	NA	NA	NA
	8-Sep-08	<0.50	<0.50	<0.50	<0.50	NA	<50	<50	<0.50	10,200	<5.0	<1.0	<0.50	<0.50
	16-Jan-09	<0.50	<0.50	<0.50	<1.0	NA	<50	<50	<0.50	NA	<5.0	<1.0	<0.50	<0.50
	13-Aug-09	<0.50	<0.50	<0.50	<0.50	<300	<50	<50	<0.50	NA	<10	<0.50	<0.50	<0.50
	29-Apr-10	<0.50	<0.50	<0.50	<0.50	<300	<50	<50	<0.50	NA	<10	<0.50	<0.50	<0.50
LF-2	8-Oct-07	<2.5	<2.5	<2.5	<2.5	**900**	<250	**1,900Y**	280	NA	<50	<2.5	<2.5	<2.5
Duplicate	8-Oct-07	<0.50	<0.50	<0.50	<0.50	**1,100**	<130	**2,100Y**	250	NA	<25	<1.3	<1.3	<1.3
	6-Feb-08	<2.5	<2.5	<2.5	<2.5	**880**	<50	**1,800Y**	260C	NA	NA	NA	NA	NA
Duplicate	6-Feb-08	<0.50	<0.50	<0.50	<0.50	**800**	<50	**1,700Y**	270C	NA	NA	NA	NA	NA
	6-May-08	<0.50	0.54	<0.50	0.63C	**840**	52Y	**1,500Y**	360	NA	NA	NA	NA	NA
	8-Sep-08	<2.0	<2.0	<2.0	<2.0	NA	<50	**1,400Y**	320	1,300	<2.0	<2.0	<2.0	<2.0
	16-Jan-09	<0.50	<0.50	<0.50	<1.0	NA	130	**1,200Y**	200	NA	8.8	<1.0	<0.50	<0.50
	13-Aug-09	<0.70	<0.70	<0.70	<0.70	<300	<50	**58Y**	280	NA	15	<0.70	<0.70	<0.70
Duplicate	13-Aug-09	<2.0	<2.0	<2.0	<2.0	<300	<50	<50	280	NA	<40	<2.0	<2.0	<2.0
	29-Apr-10	<0.50	<0.50	<0.50	<0.50	<300	<50	<50	69	NA	200	<0.50	<0.50	<0.50
Duplicate	29-Apr-10	<0.50	<0.50	<0.50	<0.50	<300	<50	<50	64	NA	170	<0.50	<0.50	<0.50
LF-3	8-Oct-07	<50	<50	<50	<50	<300	<5,000	**350Y**	**12,000**	NA	<1,000	<50	<50	<50
	6-Feb-08	<0.50	<0.50	<0.50	<0.50	<300	<50	**290Y**	**15,000C**	NA	NA	NA	NA	NA
	6-May-08	<0.50	0.70C	<0.50	0.94	<300	58Y	**320Y**	**16,000**	NA	NA	NA	NA	NA
	8-Sep-08	<63	<63	<63	<63	NA	<50	**200Y**	**9,300**	1,610	<63	<63	<63	<63
	16-Jan-09	<50	<50	<50	<100	NA	**6,400**	**280 Y**	**7,900**	NA	5,800	<100	<50	<5.0
	13-Aug-09	<0.50	<0.50	<0.50	<0.50	<300	<50	<50	**5,100**	NA	2,900	<0.50	<0.50	1.5
	29-Apr-10	<13	<13	<13	<13	<300	<50	<50	1,400	NA	5,500	<13	<13	<13
LF-4	8-Oct-07	<1.3	<1.3	<1.3	<1.3	<300	<130	**220Y**	230	NA	<25	<1.3	<1.3	<1.3
	6-Feb-08	<0.50	<0.50	<0.50	<0.50	<300	<50	130Y	77C	NA	NA	NA	NA	NA
	6-May-08	<0.50	<0.50	<0.50	<0.50	<300	<50	95Y	130	NA	NA	NA	NA	NA
Duplicate	6-May-08	<0.50	<0.50	<0.50	<0.50	<300	<50	120Y	59	NA	NA	NA	NA	NA
	8-Sep-08	0.8	0.6	1.7	2.3	<300	<50	80Y	24	3,200	<10	<0.50	<0.50	<0.50
Duplicate	8-Sep-08	1.7	1.4	4.1	5.9	NA	<50	75Y	24	3,340	<10	<0.50	<0.50	<0.50
	16-Jan-09	<0.50	<0.50	<0.50	<1.0	NA	<50	67	<0.50	NA	<5.0	<1.0	<0.50	<0.50
Duplicate	16-Jan-09	<0.50	<0.50	<0.50	<1.0	NA	<50	<50	<0.50	NA	<5.0	<1.0	<0.50	<0.50
	13-Aug-09	<0.50	<0.50	<0.50	<0.50	<300	<50	<50	<0.50	NA	<10	<0.50	<0.50	<0.50
	29-Apr-10	<0.50	<0.50	<0.50	<0.50	<300	<50	<50	<0.50	NA	<10	<0.50	<0.50	<0.50

Table 6
Analytical Results for Volatile Organic Compounds
in Groundwater Samples
Former Cox Cadillac Property
230 Bay Place, Oakland, California
Concentrations in micrograms per liter

Location ID	Date Collected	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPHmo	TPHg	TPHd	MTBE	TDS mg/L	TBA	DIPE	ETBE	TAME
LF-5	8-Oct-07	<0.50	<0.50	<0.50	<0.50	<300	<50	200Y	<0.50	NA	<10	<0.50	<0.50	<0.50
	6-Feb-08	<0.50	<0.50	<0.50	<0.50	<300	<50	51Y	<2.0	NA	NA	NA	NA	NA
	6-May-08	<0.50	<0.50	<0.50	<0.50	<300	<50	91Y	28	NA	NA	NA	NA	NA
	8-Sep-08	<0.50	<0.50	<0.50	<0.50	NA	<50	53Y	<0.50	900	<10	<0.50	<0.50	<0.50
	16-Jan-09	<0.50	<0.50	<0.50	<1.0	NA	<50	51	<0.50	NA	<5.0	<1.0	<0.50	<0.50
	13-Aug-09	<0.50	<0.50	<0.50	<0.50	<300	<50	<50	<0.50	NA	<10	<0.50	<0.50	<0.50
	29-Apr-10	<0.50	<0.50	<0.50	<0.50	<300	<50	<50	<0.50	NA	<10	<0.50	<0.50	<0.50
Screening Criteria														
ESL at a property where groundwater is considered a source of		1.0	40	30	13	100	100	100	5.0	NE	120	NE	NE	NE
ESL at a property where groundwater is not considered a source of drinking water		46	130	43	100	210	210	210	1,800	NE	18,000	NE	NE	NE

Notes:

Bold font denotes analytical results are above ESLs where groundwater is not a source of drinking water.

Samples were analyzed by Curtis & Tompkins, Ltd., or TestAmerica using EPA Test Methods 8260B and 8015B.

mg/L = milligrams per liter
NA = not analyzed
NE = not established
Duplicate = duplicate sample
TPHd = total petroleum hydrocarbons as diesel
TPHg = total petroleum hydrocarbons as gasoline
TPHmo = total petroleum hydrocarbons as motor oil
TDS = total dissolved solids
MTBE = methyl tertiary-butyl ether
TAME = tertiary-amyl methyl ether
TBA = tertiary-butyl alcohol
DIPE = di-isopropyl ether
ETBE = ethyl tertiary-butyl ether
Y = Sample exhibits chromatographic pattern that does not resemble standard.
C = Presence confirmed, but relative percent difference between columns exceeds 40%.
<2.5 = less than laboratory analytical reporting limits

ESL denotes environmental screening criteria established by the Regional Water Quality Control Board in May 2008 to address environmental protection. Under most circumstances, the presence of a chemical in soil or groundwater at concentrations below the corresponding ESL can be assumed to not pose a significant threat to human health. ESLs can be obtained from http://www.swrcb.ca.gov/rwqcb2/ESL.htm.

TABLE 6 GROUNDWATER ELEVATION DATA
FORMER COX CADILLAC, 230 BAY PLACE, OAKLAND CALIFORNIA

Well Number	Sample Date	TOC Elevation (feet)	Depth to Groundwater (feet BTOC)	Groundwater Elevation (feet msl)
MW-1	12/22/94	100.00	2.96	97.04
MW-1	03/24/95	100.00	2.21	97.79
MW-1	06/29/95	100.00	2.44	97.56
MW-1	09/29/95	100.00	3.00	97.00
MW-1	02/23/96	100.00	2.18	97.82
MW-1	01/12/99	100.00	2.79	97.21
MW-1	04/13/99	100.00	2.00	98.00
MW-1	07/07/99	100.00	2.60	97.40
MW-1	10/06/99	100.00	2.94	97.06
MW-1	01/11/00	100.00	2.69	97.31
MW-1	04/06/01	100.00	2.99	97.01
MW-1	07/25/01	100.00	6.00	94.00
MW-1	11/20/01	100.00	3.32	96.68
MW-1	01/23/02	100.00	2.47	97.53
MW-1	04/26/02	100.00	2.25	97.75
MW-1	07/25/02	100.00	3.04	96.96
MW-1	10/22/02	100.00	3.02	96.98
MW-1	01/27/03	100.00	2.27	97.73
MW-1	10/03/03	100.00	2.81	97.19
MW-1	10/22/03	100.00	2.97	97.03
MW-1	01/30/04	100.00	2.67	97.33
MW-2	01/12/99	97.48	5.62	91.86
MW-2	04/13/99	97.48	5.30	92.18
MW-2	07/07/99	97.48	5.80	91.68
MW-2	10/06/99	97.48	5.99	91.49
MW-2	01/11/00	97.48	5.73	91.75
MW-2	04/06/01	97.48	5.65	91.83
MW-2	07/25/01	97.48	6.41	91.07
MW-2	11/20/01	97.48	5.89	91.59
MW-2	01/23/02	97.48	5.68	91.80
MW-2	04/26/02	97.48	5.85	91.63
MW-2	07/25/02	97.48	6.15	91.33
MW-2	10/22/02	97.48	6.25	91.23
MW-2	01/27/03	97.48	5.71	91.77
MW-2	10/03/03	97.48	6.04	91.44
MW-2	10/22/03	97.48	6.08	91.40
MW-2	01/30/04	97.48	5.80	91.68
TW-2	12/22/94	100.43	2.88	97.55
TW-2	03/24/95	100.43	1.87	98.56
TW-2	06/29/95	100.43	2.10	98.33
TW-2	09/29/95	100.43	3.02	97.41
TW-2	02/23/96	100.43	2.13	98.30
TW-2	01/12/99	100.43	1.91	98.52
TW-2	04/13/99	100.43	2.51	97.92
TW-2	07/07/99	100.43	1.89	98.54
TW-2	10/06/99	100.43	1.97	98.46

TABLE 6 GROUNDWATER ELEVATION DATA
FORMER COX CADILLAC, 230 BAY PLACE, OAKLAND CALIFORNIA

Well Number	Sample Date	TOC Elevation (feet)	Depth to Groundwater (feet BTOC)	Groundwater Elevation (feet msl)
TW-2	01/11/00	100.43	1.79	98.64
TW-2	04/06/01	100.43	3.46	96.97
TW-2	07/25/01	100.43	2.60	97.83
TW-2	11/20/01	100.43	1.85	98.58
TW-2	01/23/02	100.43	3.21	97.22
TW-2	04/26/02	100.43	4.30	96.13
TW-2	07/25/02	100.43	1.89	98.54
TW-2	10/22/02	100.43	1.97	98.46
TW-2	01/27/03	100.43	3.15	97.28
TW-2	10/03/03	100.43	1.92	98.51
TW-2	10/22/03	100.43	1.87	98.56
TW-2	01/30/04	100.43	2.15	98.28
TW-4	04/13/99	99.35	1.82	97.53
TW-4	07/07/99	99.35	2.36	96.99
TW-4	01/11/00	99.35	2.63	96.72
TW-4	04/06/01	99.35	3.97	95.38
TW-4	07/25/01	99.35	2.55	96.80
TW-4	11/20/01	99.35	2.33	97.02
TW-4	01/23/02	99.35	2.26	97.09
TW-4	04/26/02	99.35	2.20	97.15
TW-4	07/25/02	99.35	2.24	97.11
TW-4	10/22/02	99.35	2.60	96.75
TW-4	01/27/03	99.35	2.03	97.32
TW-4	10/03/03	99.35	2.72	96.63
TW-5	04/13/99	99.40	1.96	97.44
TW-5	07/07/99	99.40	3.12	96.28
TW-5	01/11/00	99.40	1.03	98.37
TW-5	04/06/01	99.40	3.04	96.36
TW-5	07/25/01	99.40	3.90	95.50
TW-5	11/20/01	99.40	2.55	96.85
TW-5	01/23/02	99.40	2.64	96.76
TW-5	04/26/02	99.40	2.50	96.90
TW-5	07/25/02	99.40	3.15	96.25
TW-5	10/22/02	99.40	3.69	95.71
TW-5	01/27/03	99.40	2.38	97.02
TW-5	10/03/03	99.40	3.73	95.67
TW-6	12/22/94	98.75	4.66	94.09
TW-6	03/24/95	98.75	3.81	94.94
TW-6	06/29/95	98.75	5.25	93.50
TW-6	09/29/95	98.75	6.12	92.63
TW-6	02/23/96	98.75	3.66	95.09
TW-6	01/12/99	98.75	5.52	93.23
TW-6	04/13/99	98.75	4.91	93.84
TW-6	07/07/99	98.75	6.04	92.71
TW-6	10/06/99	98.75	6.64	92.11

TABLE 6 GROUNDWATER ELEVATION DATA
FORMER COX CADILLAC, 230 BAY PLACE, OAKLAND CALIFORNIA

Well Number	Sample Date	TOC Elevation (feet)	Depth to Groundwater (feet BTOC)	Groundwater Elevation (feet msl)
TW-6	01/11/00	98.75	6.41	92.34
TW-6	04/06/01	98.75	4.93	93.82
TW-6	07/25/01	98.75	6.72	92.03
TW-6	11/20/01	98.75	5.44	93.31
TW-6	01/23/02	98.75	3.25	95.50
TW-6	04/26/02	98.75	3.40	95.35
TW-6	07/25/02	98.75	6.54	92.21
TW-6	10/22/02	98.75	7.06	91.69
TW-6	01/27/03	98.75	2.50	96.25
TW-6	10/03/03	98.75	8.85	89.90
TW-6	10/22/03	98.75	5.97	92.78
TW-6	01/30/04	98.75	0.20	98.55
TW-7	12/22/94	97.96	4.50	93.46
TW-7	03/24/95	97.96	2.98	94.98
TW-7	06/29/95	97.96	4.30	93.66
TW-7	09/29/95	97.96	5.19	92.77
TW-7	02/23/96	97.96	3.45	94.51
TW-7	01/12/99	97.96	4.81	93.15
TW-7	04/13/99	97.96	4.73	93.23
TW-7	07/07/99	97.96	5.17	92.79
TW-7	10/06/99	97.96	5.70	92.26
TW-7	01/11/00	97.96	5.42	92.54
TW-7	04/06/01	97.96	4.63	93.33
TW-7	07/25/01	97.96	6.80	91.16
TW-7	11/20/01	97.96	4.75	93.21
TW-7	01/23/02	97.96	5.68	92.28
TW-7	04/26/02	97.96	4.80	93.16
TW-7	07/25/02	97.96	5.61	92.35
TW-7	10/22/02	97.96	6.11	91.85
TW-7	01/27/03	97.96	4.38	93.58
TW-7	10/03/03	97.96	5.80	92.16
TW-7	10/22/03	97.96	5.91	92.05
TW-7	01/30/04	97.96	4.55	93.41

Notes:
TOC - Top of Casing.
BTOC - Beneath top of casing.
msl - Mean sea level.

Table 6
Groundwater Elevations
Former Cox Cadillac Property
230 Bay Place, Oakland, California

Location ID	Date Collected	Top-of-Casing Elevation [1]	Depth to Groundwater [2]	Groundwater Elevation [1]
LF-1	10/8/2007	13.40	2.56	10.84
	2/26/2008	13.40	2.33	11.07
	5/6/2008	13.40	2.15	11.25
	9/8/2008	13.40	1.98	11.42
	1/16/2009	13.40	2.39	11.01
	8/13/2009	13.40	2.17	11.23
	4/29/2010	13.40	1.74	11.66
LF-2	10/8/2007	13.13	3.71	9.42
	2/26/2008	13.13	3.78	9.35
	5/6/2008	13.13	4.05	9.08
	9/8/2008	13.13	4.01	9.12
	1/16/2009	13.13	3.94	9.19
	8/13/2009	13.13	4.18	8.95
	4/29/2010	13.13	3.3	9.83
LF-3	10/8/2007	13.15	5.24	7.91
	2/26/2008	13.15	5.08	8.07
	5/6/2008	13.15	5.11	8.04
	9/8/2008	13.15	5.24	7.91
	1/16/2009	13.15	5.33	7.82
	8/13/2009	13.15	5.86	7.29
	4/29/2010	13.15	5.28	7.87
LF-4	10/8/2007	13.32	5.74	7.58
	2/26/2008	13.32	5.55	7.77
	5/6/2008	13.32	5.61	7.71
	9/8/2008	13.32	5.47	7.85
	1/16/2009	13.32	5.30	8.02
	8/13/2009	13.32	5.90	7.42
	4/29/2010	13.32	5.53	7.79
LF-5	10/8/2007	15.92	3.46	12.46
	2/26/2008	15.92	2.97	12.95
	5/6/2008	15.92	2.38	13.54
	9/8/2008	15.92	4.13	11.79
	1/16/2009	15.92	3.29	12.63
	8/13/2009	15.92	6.62	9.30
	4/29/2010	15.92	5.15	10.77

Notes:

[1] Top-of-casing and groundwater elevation in North America Vertical Datum 1988

[2] Depth to water measured in feet below top of casing

Table 6
Results of Field Parameters
in Groundwater Samples
Former Cox Cadillac Property
230 Bay Place, Oakland, California

Location ID	Date Collected	Volume Purged (gallons)	Temperature (°Celsius)	Dissolved Oxygen (mg/L)	pH (units)	Conductivity (mS/cm)	Turbidity (NTU)	ORP (mV)
LF-1	10/8/2007	5.25	18.36	5.82	6.70	10.700	1.65	--
	2/6/2008	1.75	17.15	2.74	6.79	13.279	15.2	57.10
	5/6/2008	5.50	16.95	0.72	6.59	13.187	--	170.30
	9/8/2008	2.5	18.00	0.32	6.59	9.760	--	-153.80
	1/16/2009	4.0	17.88	1.74	6.76	12.695	--	44.30
	8/13/2009	2.0	18.22	0.92	6.80	11.144	--	135.40
	4/29/2010	2.0	16.99	1.08	6.90	11.404	--	259.10
LF-2	10/8/2007	0.75	22.57	0.28	7.18	1.983	1.33	--
	2/6/2008	2.00	17.73	1.35	6.77	2.580	1.50	-113.20
	5/6/2008	2.00	20.16	0.19	6.49	3.378	--	-137.60
	9/8/2008	2.5	24.16	0.17	6.61	2.452	--	-143.30
	1/16/2009	3.5	19.95	0.14	6.51	2.287	--	-230.40
	8/13/2009	0.5	24.18	0.34	6.72	2.660	--	-113.50
Duplicate	8/13/2009	0.5	24.17	0.22	6.74	2.640	--	-113.40
	4/29/2010	2.5	20.20	0.13	6.79	2.395	--	-139.40
LF-3	10/8/2007	5.00	20.52	6.07	6.51	2.169	3.92	--
	2/6/2008	1.00	16.64	2.60	6.57	2.047	2.40	158.00
	5/6/2008	2.00	18.82	0.19	6.30	2.338	--	37.10
	9/8/2008	2.5	27.07	0.42	6.43	2.080	--	-37.50
	1/16/2009	3.25	19.60	0.25	6.26	2.372	--	-45.20
	8/13/2009	1.50	22.65	0.22	6.45	2.116	--	-34.10
	4/29/2010	1.50	19.06	0.22	6.50	2.121	--	69.90
LF-4	10/8/2007	0.75	20.00	0.62	6.81	1.465	0.75	--
	2/6/2008	2.00	15.88	1.06	6.96	1.368	1.40	136.20
	5/6/2008	1.50	18.81	0.20	6.83	1.443	--	13.00
	9/8/2008	2.5	23.16	0.46	7.69	0.654	--	54.60
	1/16/2009	4.5	18.76	0.18	6.83	0.410	--	-47.80
	8/13/2009	--	21.83	0.24	7.20	0.544	--	57.14
	4/29/2010	0.8	17.77	0.29	6.78	0.715	--	226.90
LF-5	10/8/2007	1.25	20.55	3.36	7.37	1.014	25.50	--
	2/6/2008	1.50	15.02	5.61	7.58	1.346	30.40	126.20
	5/6/2008	1.50	18.98	1.73	7.73	1.206	--	119.50
	9/8/2008	2.5	22.00	0.23	6.79	0.895	--	17.60
	1/16/2009	1.25	16.37	5.02	7.14	0.723	--	37.20
	8/13/2009	1.00	22.68	0.58	7.51	0.728	--	114.90
	4/29/2010	1.50	17.24	3.08	7.34	0.999	--	240.50

Notes:
Parameters measured using field instruments; data were collected by ARCADIS.
mg/L = milligrams per liter
mS/cm = milliSiemens per centimeter
NTU = nephelometric turbidity units
ORP = oxidation-reduction potential
mV = millivolts
-- = parameter not measured

Table 7
Grab Groundwater Analytical Data
(ETIC October and November 2003)
Former Cox Cadillac Site
230 Bay Place, Oakland, California

Expressed in micrograms per liter (µg/l)

Sample Number	Sample Date	Sample Depth (feet)	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	1,2-DCA	EDB	TAME	TBA	DIPE	ETBE	Ethanol
GP1	11/25/2003	10	**7,500**	**300**	**470**	<1.0	**420**	**5,800**	NA	NA	<1.0	<10	<1.0	<1.0	NA
GP2A	11/26/2003	10	**32,000**	**3,100**	**84**	**1,300**	<100	**7,300**	<50	<50	<50	<500	<100	<50	NA
GP6	11/26/2003	15	**67,000**	**9,500**	**5,700**	**1,800**	**6,100**	<100	**180**	**150**	<100	<1,000	<200	<100	NA
GP7	11/26/2003	13	<50	**4.0**	**0.70**	<0.50	<0.50	<0.50	**0.73**	<0.50	<0.50	<5.0	<1.0	<0.50	NA
GP8	11/26/2003	15	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<1.0	<0.50	NA
GP9	11/26/2003	14	<50	<0.50	**0.55**	<0.50	<0.50	<0.5	<0.50	<0.50	<0.50	<5.0	<1.0	<0.50	NA
UB1	10/10/2003	10	<50	<0.50	**1.5**	<0.50	**2.0**	**0.84**	<0.50	<0.50	<0.50	<5.0	<1.0	<0.50	<25
UB2	10/10/2003	10	**14,000**	<5.0	<5.0	<5.0	<5.0	**37**	<5.0	<5.0	<5.0	<50	<10	<5.0	<250

Notes:

Bold denotes detection above laboratory detection limit.

TPHg = total petroleum hydrocarbons as gasoline
MTBE = methyl tertiary-butyl ether
DCA = dichloroethane
EDB = ethylene dibromide
TAME = tert-amyl methyl ether
TBA = tert-butyl alcohol
DIPE = di-isopropyl ether
ETBE = ethyl tert-butyl ether
< = not detected at or above indicated laboratory reporting limit
NA = not analyzed

Table 3
Grab Groundwater Analytical Data
(LFR March 2004)
Former Cox Cadillac Site
230 Bay Place
Oakland, California

Expressed in micrograms per liter (µg/l)

Sample Number	Sample Date	Sample Depth (feet)	TPHg	TPHd	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE
GW-1	3/15/2004	10 - 11	<0.05	**260 Y**	<0.005	<0.005	<0.005	<0.005	<0.5
GW-2	3/15/2004	6 - 7	**970,000**	NA	**23,000**	**33,000 C**	**22,000**	**79,000**	<420
GW-3	3/15/2004	7 - 8	**970**	**3,800 H Y**	**48**	**93**	**42**	**90.7**	<0.5
GW-4	3/15/2004	5 - 6	<0.05	**310 H Y**	<0.005	<0.005	<0.005	<0.005	<0.5
GW-5	3/15/2004	6 - 7	<0.05	**640 H Y**	<0.005	<0.005	<0.005	<0.005	**21**
GW-6	3/15/2004	7 - 9	<0.05	**600 H Y**	<0.005	<0.005	<0.005	<0.005	**29**
GW-6D	3/15/2004	7 - 9	<0.05	**970 H Y**	<0.005	<0.005	<0.005	<0.005	**55**
GW-7	3/15/2004	7 - 8	<0.05	**350,000 H Y**	<0.005	<0.005	<0.005	<0.005	**1.1**
GW-8	3/24/2004	10	<0.05	**680 Y**	<0.005	<0.005	<0.005	<0.005	<0.5

Notes:

Bold denotes detection above laboratory detection limit.

TPHg = Total petroleum hydrocarbons as gasoline
TPHd = Total petroleum hydrocarbons as diesel
MTBE = Methyl tertiary-butyl ether
H = Heavier hydrocarbons contributed to the quantitation
Y = Sample exhibits chromatographic pattern which does not resemble standard
ND = Not detected
C = Presence confirmed, but Relative Percent Difference (RPD) between columns exceeds 40%.

Table 9

Analytical Results for Confirmation Soil Samples
Collected During Excavation Activities
at the Former Cox Cadillac Site
Located at 230 Bay Place Oakland, California
concentrations in milligrams per kilogram (mg/kg)

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	MtBE
Bottom (A,0)-11'	9/21/2005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	<0.005
Bottom (A,20)-14'	9/21/2005	**14**	**55**	**61**	**240**	**2,700**	8.0	<2.5
Bottom (A,20)-14'	*9/27/2005*	*0.0051*	*0.0068*	*<0.005*	*0.019*	*0.230*	*<2.5*	*<0.005*
Bottom (A,40)-9'	9/21/2005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	<0.005
Bottom (A,60)-10'	9/21/2005	<0.005	0.014	0.016	0.065	<1.0	<1.0	<0.005
Bottom (B,0)-11'	9/21/2005	<0.005	<0.005	<0.005	<0.005	<1.0	4.4	<0.005
Bottom (B,20)-10'	9/21/2005	<0.5	<0.5	<0.5	1.2	<50	37	<0.5
Bottom (B,40)-9'	9/21/2005	<0.005	0.0083	0.0053	0.026	<1.0	<1.0	<0.005
Bottom (B,60)-10'	9/21/2005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	<0.005
Bottom (B+10,60)-15'	10/10/2005	<0.005	<0.005	<0.005	<0.010	<0.05	<5.0	<0.005
Bottom (B,80)-7'	10/12/2005	<0.005	<0.005	<0.005	<0.010	<0.05	<2.5	<0.005
Bottom (B,100)-8'	10/14/2005	**0.049**	0.0068	0.0092	0.030	0.180	<2.5	0.014
Bottom (B120)-14'	10/17/2006	<0.005	<0.005	<0.005	<0.010	0.063	<2.5	**0.069**
Bottom (C,0)-12'	9/27/2005	<0.005	<0.005	<0.005	<0.005	<1.0	1.7	<0.005
Bottom (C,20)-10.5'	9/27/2005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	<0.005
Bottom (C,40)-8'	9/29/2005	<0.005	<0.005	<0.005	<0.010	<0.05	<2.5	<0.005
Bottom (C,50)-15'	10/10/2005	<0.005	<0.005	<0.010	<0.005	<0.05	<5.0	<0.005
Bottom (C,60)-10'	9/29/2005	<0.250	0.410	0.560	**3.6**	52	<2.5	<0.250
Bottom (C,80)-13'	10/12/2005	<0.250	0.350	0.370	**2.6**	31.0	<2.5	<0.250
Bottom (C,100)-10'	10/14/2005	**0.064**	<0.005	<0.005	<0.10	0.290	<2.5	**0.150**
Bottom (C,120)-9'	10/18/2005	<0.010	<0.010	<0.010	<0.020	0.38	<2.5	**0.081**
Bottom (D,50)-16'	10/10/2005	<0.005	<0.005	<0.010	<0.005	<0.05	<5.0	<0.005
Bottom (D,80) 13'	*10/12/2005*	*0.32*	*<0.250*	*<0.250*	*<0.250*	*9.7*	*<2.5*	*<0.250*

Table 9
Analytical Results for Confirmation Soil Samples
Collected During Excavation Activities
at the Former Cox Cadillac Site
Located at 230 Bay Place Oakland, California
concentrations in milligrams per kilogram (mg/kg)

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	MtBE
Bottom (D,100)-10'	10/14/2005	<0.050	<0.050	<0.050	<0.10	1.1	<2.5	**1.6**
Bottom (D, 120)-8.5'	10/18/2005	<0.250	<0.250	<0.250	<0.50	<2.5	<2.5	**0.47**
E. Face (A,0)-9'	9/21/2005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	<0.005
E. Face (A,20)-12'	9/21/2005	<1.0	**9.9**	**24**	**94**	**980**	16	<1.0
E. Face (A,20)-10'	*9/27/2005*	*<0.005*	*<0.005*	*<0.005*	*<0.010*	*<0.050*	*<2.5*	*<0.005*
E. Face (A,40)-8'	9/21/2005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	<0.005
E. Face (A,60)-8'	9/21/2005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	<0.005
E. Face (B-100)-6'	10/14/2005	<0.005	<0.005	<0.005	<0.010	<0.050	<2.5	<0.010
E. Face (B,120)-10'	10/17/2005	**0.890**	0.850	<0.500	<0.500	<1.0	<1.0	<0.250
E. Face (B100)-7'	*1/31/2006*	*0.011*	*<0.005*	*<0.005*	*<0.010*	*3.8LY*	*18HY*	*NA*
N. Face (B,0)-8.5'	9/21/2005	<0.005	<0.005	<0.005	<0.005	<1.0	3.4	<0.005
N. Face (C,0)-8.5'	9/27/2005	<0.005	<0.005	<0.005	<0.005	<0.05	<1.0	<0.005
S. Face (B+10', 125)-10'	10/17/2005	0.017	0.0087	0.020	0.084	0.47	<2.5	0.0073
S. Face (C,120)-6'	10/18/2005	<0.005	<0.005	<0.005	<0.010	0.16	<2.5	**0.034**
W. Face (C,0)-8'	9/27/2005	<0.005	<0.005	<0.005	<0.005	<0.05	50	<0.005
W. Face (C,40)-8.5'	9/29/2005	<0.005	<0.005	<0.005	<0.010	<0.05	<5.0	<0.005
Bottom (D,50)-16'	10/10/2005	<0.005	<0.005	<0.010	<0.005	<0.05	<5.0	<0.005
W Face (D,80)-8'	10/12/2005	**2.6**	**11.0**	**11.0**	**57.0**	**400.0**	<2.5	<0.250
W. Face (D, 80)-6'	*10/18/2005*	*<0.005*	*<0.005*	*<0.005*	*<0.010*	*0.11*	*<2.5*	***0.12***
W. Face (D,100)-8'	10/14/2005	<0.025	<0.025	<0.025	<0.050	0.470	<2.5	**0.630**
W. Face (D, 120)-6'	10/18/2005	0.036	<0.005	<0.005	<0.010	0.3	<2.5	**0.11**

Table 9
Analytical Results for Confirmation Soil Samples Collected During Excavation Activities at the Former Cox Cadillac Site Located at 230 Bay Place Oakland, California

concentrations in milligrams per kilogram (mg/kg)

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	MtBE
REGULATORY CONCENTRATIONS								
Soil Cleanup Goal		0.044	2.9	3.3	1.5	100	100	0.023

Notes:

Soil cleanup goals are based on San Francisco Regional Water Quality Control Board Environmental Screening Level protective of groundwater as a drinking water source for a property that is to be developed for a commercial use.

TPHg = total petroleum hydrocarbons as gasoline

TPHd = total petroleum hydrocarbons as diesel

MtBE = methyl tertiary-butyl ether

Samples analyzed by: Severn Trent STL Laboratories, Curtis & Tompkins, Ltd., and Entech Analytical Labs, Inc.

Volatile organic compounds not reported on this summary table were not detected above the analytical reporting limits.

Bold font denotes results above soil clean-up goal.

Italic font denotes results of sample collected at the location of "over-excavation" at the location where analytical results were above cleanup goals.

Table 10
Analytical Results for Soil Left in Place
at the Former Cox Cadillac Site
Located at 230 Bay Place Oakland, California
concentrations in milligrams per kilogram (mg/kg)

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	MtBE
Bottom (A,0)-11'	9/21/2005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	<0.005
Bottom (A,20)-14'	*9/27/2005*	*0.0051*	*0.0068*	*<0.005*	*0.019*	*0.230*	*<2.5*	*<0.005*
Bottom (A,40)-9'	9/21/2005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	<0.005
Bottom (A,60)-10'	9/21/2005	<0.005	0.014	0.016	0.065	<1.0	<1.0	<0.005
Bottom (B,0)-11'	9/21/2005	<0.005	<0.005	<0.005	<0.005	<1.0	4.4	<0.005
Bottom (B,20)-10'	9/21/2005	<0.5	<0.5	<0.5	1.2	<50	37	<0.5
Bottom (B,40)-9'	9/21/2005	<0.005	0.0083	0.0053	0.026	<1.0	<1.0	<0.005
Bottom (B,60)-10'	9/21/2005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	<0.005
Bottom (B+10,60)-15'	10/10/2005	<0.005	<0.005	<0.005	<0.010	<0.05	<5.0	<0.005
Bottom (B,80)-7'	10/12/2005	<0.005	<0.005	<0.005	<0.010	<0.05	<2.5	<0.005
Bottom (B,100)-8'	10/14/2005	**0.049**	0.0068	0.0092	0.030	0.180	<2.5	0.014
Bottom (B120)-14'	10/17/2006	<0.005	<0.005	<0.005	<0.010	0.063	<2.5	**0.069**
Bottom (C,0)-12'	9/27/2005	<0.005	<0.005	<0.005	<0.005	<1.0	1.7	<0.005
Bottom (C,20)-10.5'	9/27/2005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	<0.005
Bottom (C,40)-8'	9/29/2005	<0.005	<0.005	<0.005	<0.010	<0.05	<2.5	<0.005
Bottom (C,50)-15'	10/10/2005	<0.005	<0.005	<0.010	<0.005	<0.05	<5.0	<0.005
Bottom (C,60)-10	9/29/2005	<0.250	0.410	0.560	**3.6**	52	<2.5	<0.250
Bottom (C,80)-13'	10/12/2005	<0.250	0.350	0.370	**2.6**	31.0	<2.5	<0.250
Bottom (C,100)-10'	10/14/2005	**0.064**	<0.005	<0.005	<0.10	0.290	<2.5	**0.150**
Bottom (C,120)-9'	10/18/2005	<0.010	<0.010	<0.010	<0.020	0.38	<2.5	**0.081**
Bottom (D,50)-16'	10/10/2005	<0.005	<0.005	<0.010	<0.005	<0.05	<5.0	<0.005
Bottom (D,80) 13'	*10/12/2005*	*0.32*	*<0.250*	*<0.250*	*<0.250*	*9.7*	*<2.5*	*<0.250*
Bottom (D,100)-10'	10/14/2005	<0.050	<0.050	<0.050	<0.10	1.1	<2.5	**1.6**
Bottom (D, 120)-8.5'	10/18/2005	<0.250	<0.250	<0.250	<0.50	<2.5	<2.5	**0.47**

Table 10
Analytical Results for Soil Left in Place
at the Former Cox Cadillac Site
Located at 230 Bay Place Oakland, California
concentrations in milligrams per kilogram (mg/kg)

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	MtBE
E. Face (A,0)-9'	9/21/2005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	<0.005
E. Face (A,20)-10'	*9/27/2005*	*<0.005*	*<0.005*	*<0.005*	*<0.010*	*<0.050*	*<2.5*	*<0.005*
E. Face (A,40)-8'	9/21/2005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	<0.005
E. Face (A,60)-8'	9/21/2005	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	<0.005
E. Face (B-100)-6'	10/14/2005	<0.005	<0.005	<0.005	<0.010	<0.050	<2.5	<0.010
E. Face (B,120)-10'	10/17/2005	**0.890**	0.850	<0.500	<0.500	<1.0	<1.0	<0.250
E. Face (B100)-7'	*1/31/2006*	*0.011*	*<0.005*	*<0.005*	*<0.010*	*3.8LY*	*18HY*	*NA*
N. Face (B,0)-8.5'	9/21/2005	<0.005	<0.005	<0.005	<0.005	<1.0	3.4	<0.005
N. Face (C,0)-8.5'	9/27/2005	<0.005	<0.005	<0.005	<0.005	<0.05	<1.0	<0.005
S. Face (B+10', 125)-1(	10/17/2005	0.017	0.0087	0.020	0.084	0.47	<2.5	0.0073
S. Face (C,120)-6'	10/18/2005	<0.005	<0.005	<0.005	<0.010	0.16	<2.5	**0.034**
W. Face (C,0)-8'	9/27/2005	<0.005	<0.005	<0.005	<0.005	<0.05	50	<0.005
W. Face (C,40)-8.5'	9/29/2005	<0.005	<0.005	<0.005	<0.010	<0.05	<5.0	<0.005
Bottom (D,50)-16'	10/10/2005	<0.005	<0.005	<0.010	<0.005	<0.05	<5.0	<0.005
W. Face (D, 80)-6'	*10/18/2005*	*<0.005*	*<0.005*	*<0.005*	*<0.010*	*0.11*	*<2.5*	***0.12***
W. Face (D,100)-8'	10/14/2005	<0.025	<0.025	<0.025	<0.050	0.470	<2.5	**0.630**
W. Face (D, **120)-6'**	**10/18/2005**	0.036	<0.005	<0.005	<0.010	0.3	<2.5	**0.11**
REGULATORY CONCENTRATIONS								
Soil Cleanup Goal		0.044	2.9	3.3	1.5	100	100	0.023

Table 10
Analytical Results for Soil Left in Place
at the Former Cox Cadillac Site
Located at 230 Bay Place Oakland, California
concentrations in milligrams per kilogram (mg/kg)

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	TPHg	TPHd	MtBE

Notes:

Soil cleanup goals are based on San Francisco Regional Water Quality Control Board Environmental Screening Level protective of groundwater as a drinking water source for a property that is to be developed for a commercial use.

TPHg=total petroleum hydrocarbons as gasoline

TPHd=total petroleum hydrocarbons as diesel

MtBE=methyl tertiary-butyl ether

Samples analyzed by: Severn Trent STL Laboratories, Curtis & Tompkins, Ltd., and Entech Analytical Labs, Inc.

Volatile organic compounds not reported on this summary table were not detected above the analytical reporting limits.

Bold font denotes results above soil clean-up goal.

Italic font denotes results of sample collected at the location of "over-excavation" at the location where analytical results were above cleanup goals.

Table 11
Analytical Results for Soil Samples Collected from Test Pits and Beneath the Showroom Floor, Metals
230 Bay Place, Oakland, California
concentrations in milligrams per kilogram (mg/kg)

Sample ID	Date	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Nickel	Selenium	Vanadium	Zinc
Test Pits														
Composite 1	1/9/2006	3.6	490	0.40	0.28	30	8.4	16	31	0.063	38	<0.25	30	49
Composite 2	1/9/2006	5.5	160	0.39	0.24	33	8.8	16	23	0.11	33	0.42	31	39
Composite 3	1/9/2006	5.0	230	0.39	0.25	27	8.7	14	8.4	0.028	39	0.40	30	27
Composite 4	1/9/2006	3.6	140	0.41	0.27	33	8.5	16	7.7	0.042	43	<0.25	29	32
Composite 5	1/9/2006	8.2	130	0.33	0.25	30	7.6	13	5.0	0.037	47	0.38	27	35
Composite 6	1/9/2006	33	210	0.41	2.2	19	15	***4,700***	***1,000***	1.5	32	1.4	76	1,300
Composite 7	1/9/2006	4.0	180	0.38	0.29	37	8.1	17	4.7	0.034	44	<0.21	29	40
Composite 8	1/9/2006	3.8	120	0.37	<0.25	31	24	78	38	0.099	33	<0.25	30	34
Composite 9	1/9/2006	3.2	300	0.39	0.24	35	10	17	7.3	0.041	41	<0.21	32	35
Showroom														
floor comp A-D	5/3/2006	14	140	0.35	0.37	36	7.2	89	120	0.80	61	<0.25	66	110
Regulatory Concentrations														
TTLC (mg/kg)		500	10,000	75	100	2,500	8,000	2,500	350	20	2,000	100	2,400	5,000
STLC (mg/l)		5.0	100	0.75	1.0	5.0	80	250	5.0	0.2	20	1.0	24	250

Notes:

Samples analyzed by Curtis & Tompkins Ltd.

TTLC denotes total threshold limit concentration

STLC denotes soluble threshold limit concentration

Bold font denoted results above total threshold limit concentration (TTLC) - see Table 7 for soluble lead analyses and results.

Composite 1 comprised of soil from test pit A1 & B2.

Composite 2 comprised of soil from test pit C1 & C2

Composite 3 comprised of soil from test pit D1 & D2

Composite 4 comprised of soil from test pit F1 & H1

Composite 5 comprised of soil from test pit E3 & G3

Composite 6 comprised of soil from test pit G4 & H4

Composite 7 comprised of soil from test pit J1 & J2

Composite 8 comprised of soil from test pit J3 & J4

Composite 9 comprised of soil from test pit H2 & H3

Table 12
Analytical Results for Soil Samples Collected from Test Pits and Beneath the Showroom Floor, Soluble Lead 230 Bay Place, Oakland, California

Sample ID	Date	Total Lead mg/kg	STLC Lead ug/l
Test Pits			
Composite 6	1/9/2006	**1,000**	**1,300**
G-4	1/9/2006	**180**	**1,200**
H-4	1/9/2006	6.8	NA
G-4-1*	1/24/2006	**3,000**	NA
G-4-2	1/24/2006	61	**4,800**
G-4-3	1/24/2006	25	NA
H-4-1	1/24/2006	6.1	NA
G-4-5	1/24/2006	48	NA
G-4-6	2/1/2006	180	**85,000**
G-4-7	2/1/2006	27	NA
Showroom Floor			
Comp A-D	5/3/2006	120	**8,200**
Comp East (A&B)	6/29/2006	17	NA
Comp Central (A&B)	6/29/2006	340	0.800
Comp West (A&B)	6/29/2006	58	2.64
Showroom-Comp	7/17/2006	53	3.37
Regulatory Concentrations			
TTLC		350	NA
STLC		NA	5.0

Notes:

* = TCLP analysis for lead contained 1,300 ug/l

ug/l = micrograms per liter

NA = sample not analyzed

mg/l = milligrams per liter

STLC = soluble threshold limit concentration

TTLC = total threshold limit concentration

Bold font = soil required offhauling to Waste Management's Kettleman Hills Landfill.

Samples collected on January 9 and May 3, 2006, were analyzed by Curtis & Tompkins, Ltd.

Samples collected on June 29, 2006, were analyzed by Torrent Laboratory Inc.

Table 13
Analytical Results for Confirmation Soil Samples Collected from the Former Service Area Soil Excavation 230 Bay Place, Oakland, California

Sample ID	Sample Date	VOCs	TPHg mg/kg	TPHd mg/kg	TPHmo mg/kg	PAHs ug/kg	PCBs ug/kg	Chromium mg/kg	Copper mg/kg	Lead mg/kg	Nickel mg/kg	Zinc mg/kg
Lift #1, 5.5'	8/22/05	--	--	130[1,2,3]	24	<66	ND	41	19	8.0	45	50
Lift #2, 8.5'	8/22/05	--	--	<1.0	<5.0	<67	ND	25	15	6.0	35	37
Lift #3, 8.5' South	8/24/05	--	--	76[1,3]	190	<67	ND	28	15	6.7	72	37
Lift #4 Bottom 9'	9/1/05	ND	<1.1	12[1,3]	6.1[2,3]	<67	ND	36	18	5.7	58	53
Lift #6, 10'	9/1/05	--	--	<1.0	<5.0	<67	ND	39	16	5.9	45	36
Lift #6 Bottom 12'	8/29/05	--	--	<1.0	<5.0	<0.0005	<0.10	67	12	4.0	32	38
Lift #7 Bottom-10'	10/13/05	ND	<50	<2.5	<10	<0.0005	<0.10	20	39	5.1	17	99
Lift #7-8-9 N. Face 6	10/13/05	(4)	7.1	<2.5	94	<0.0005	<0.10	30	67	10.0	43	93
Lift #9 Bottom-9'	10/13/05	ND	<0.050	<2.5	<10	<0.0005	<0.10	24	61	32.0	31	100
Trench A-4.5'	8/24/05	--	--	<1.0	<5.0	<67	ND	25	15	6.3	35	46
Trench B-4.5'	8/24/05	--	--	30[1,3]	55	<66	ND	40	18	6.5	47	48
Trench C-8.5'	8/29/05	MC: 22	2.3[1,3]	12[1,2,3]	8.3[1,3]	<66	ND	38	21	6.4	61	47
Trench D-8.5'	9/1/05	ND	<1.1	38[1,3]	45	<66	ND	--	--	--	--	--
Trench E-10.5'	8/29/05	MC: 26	<0.99	<0.99	<5.0	<67	ND	28	54	7.0	47	55
Trench F-10'	8/29/05	ND	<0.92	9.3[1,2,3]	21	<67	ND	39	20	5.8	54	42

Notes:

-- = parameter not analyzed.
ug/kg = micrograms per kilogram
MC = methylene chloride
mg/kg = milligrams per kilogram
ND = parameter not detected above laboratory reporting limits
PAHs = polynuclear aromatic hydrocarbons analyzed using EPA test method 8270
PCBs = polychlorinated biphenyls
TPHd = total petroleum hydrocarbons as diesel
TPHg = total petroleum hydrocarbons as gasoline

Table 13
Analytical Results for Confirmation Soil Samples Collected
from the Former Service Area Soil Excavation
230 Bay Place, Oakland, California

TPHmo = total petroleum hydrocarbons as motor oil
VOCs = volatile organic chemicals analyzed using EPA test method 8260
1. Heavier hydrocarbons contributed to the quantification.
2. Lighter hydrocarbons contributed to the quantification.
3. Sample exhibits chromatographic pattern that does not resemble standard.
4. Sample contained 0.043 mg/kg ethylbenzene and 0.260 mg/kg total xylenes

Table 14
Analytical Results of Stockpile Soil Samples
Fuel-Related Compounds
230 Bay Place Oakland, California

Concentrations in milligrams per kilogram (mg/kg)

Sample ID	Date Sampled	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Gasoline (C7-C12)	Motor Oil (C24-C36)	Diesel (C10 -C24)
SS1	8/23/2005	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	**8.5HY**	**370**	**380HLY**
SS2	8/23/2005	<0.005	<0.005	<0.005	<0.005	<0.005	**6.9HY**	**5,000**	**1,600HY**
SS3	8/26/2005	NA	NA	NA	NA	NA	**10HY**	**4,600**	**3,400HLY**
B-COMP	9/7/2005	NA	NA	NA	NA	NA	**41H**	**4,600L**	**2,700HLY**
Bottom (B,100)-8'	10/14/2005	**49**	**6.8**	**9.2**	**30**	**14**	**180**	<10	<2.5
Bottom (C,100)-10'	10/14/2005	**6.4**	<5	<5	<10	**150**	**290**	<10	<2.5
Bottom (D,100)-10'	10/14/2005	<50	<50	<50	<100	**1,600**	**1,100**	<10	<2.5

Notes:
MTBE = Methyl Tertiary-Butyl Ether
NA = Not Analyzed
Bolded Values indicate a detection at or above reporting limits
H = Heavier hydrocarbons contributed to the quantitation
L = Lighter hydrocarbons contributed to the quantitiation
Y = Sample exhibits chromatographic pattern which does not resemble standard.

Table 15
Results of Stockpile Soil Samples
Lead
230 Bay Place Oakland, California

Sample ID	Date Sampled	Lead (mg/kg)	TCLP Lead (µg/L)	Wet Leachate Lead (µg/L)
SS1	8/23/2005	NA	NA	**22,000**
SS1	8/23/2005	**510**	NA	NA
SS1	8/23/2005	NA	**670**	NA
SS1-A	8/23/2005	NA	NA	**14,000**
SS1-B	8/23/2005	NA	NA	**21,000**
SS1-C	8/23/2005	NA	NA	**820**
SS1-D	8/23/2005	NA	NA	**14,000**
SS2	8/23/2005	NA	NA	**16,000**
SS2	8/23/2005	NA	**480**	NA
SS2	8/23/2005	**260**	NA	NA
SS2-A	8/23/2005	NA	NA	**16,000**
SS2-B	8/23/2005	NA	NA	**17,000**
SS2-C	8/23/2005	NA	NA	**5,800**
SS2-D	8/23/2005	NA	NA	**17,000**
SS3	8/26/2005	**87**	NA	NA
A-1	9/7/2005	NA	NA	**2,900**
A-2	9/7/2005	NA	NA	**62,000**
A-3	9/7/2005	NA	NA	**1,900**
A-4	9/7/2005	NA	NA	**2,000**
A-5	9/7/2005	NA	NA	**2,500**
A-6	9/7/2005	NA	NA	**3,800**
B-COMP	9/7/2005	**86**	NA	NA

Notes:
NA = Not Analyzed
Bolded Values indicate a detection at or above reporting limits
TCLP = Toxicity Characteristic Leaching Procedure
WET = Waste Extraction Test (aka Soluble Threshold Limit Concentration)
µg/L = micrograms per liter
mg/kg = milligrams per kilogram

PROJECT NAME Former Cox Cadillac
CLIENT Bond Companies

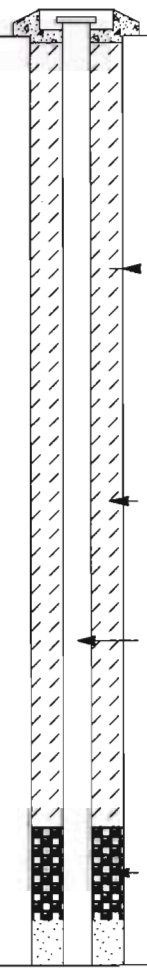
WELL NUMBER LF-1

PROJECT LOCATION 230 Bay Place, Oakland, CA
PROJECT NUMBER 001-09171-17
LOCATION Oakland Whole Foods
PID EQUIPMENT Mini Rae 2000
GROUND ELEVATION 13.76 ft **HOLE DIAMETER** 8 inches
TOP OF CASING ELEVATION 13.40 ft **HOLE DEPTH** 24.0 ft
FIRST ENCOUNTERED WATER 20.0 ft
STABILIZED WATER 2.56 ft (October 2007)
LOGGED BY Larry Lapuyade **DATE** 8/30/07

DRILLING CONTRACTOR Gregg Drilling
DRILLING METHOD Hollow Stem Auger
STAMP (IF APPLICABLE) AND/OR NOTES

DEPTH (feet)	SAMPLE TYPE NUMBER	SAMPLE RECOVERY	U.S.C.S.	GRAPHIC LOG	DEPTHS (feet)	LITHOLOGIC DESCRIPTION	ELEVATIONS (feet)	PID (ppm)
					0.5	Asphalt. Hand auger to 5 feet.	13.3	
						CLAYEY SAND (SC), very dark grayish brown (2.5Y-3/2), moist, soft to firm, low to medium plasticity. Backfill (from soil excavation).		
5								0.0
								0.0
			SC					0.0
10								0.0
								0.0
								0.0
								1.3
15					15.0		-1.2	0.3
						SILTY CLAY (CL), brown (10YR-4/3), moist, hard, medium plasticity.		0.4
			CL					0.3
								1.3
20					20.0		-6.2	0.0

WELL DIAGRAM



DEPTH (feet): 5, 10, 15, 20

(Continued Next Page)

COMMENTS

APPROVED BY: _____ **DATE:** _____

LFR

ATTACHMENT 3

BORING+WELL 2007 001-09171-17.GPJ LFR SEPT 2006.GDT 1/31/08

PROJECT NAME Former Cox Cadillac

CLIENT Bond Companies

WELL NUMBER LF-1

DEPTH (feet)	SAMPLE TYPE NUMBER	SAMPLE RECOVERY	U.S.C.S.	GRAPHIC LOG	DEPTHS (feet)	LITHOLOGIC DESCRIPTION	ELEVATIONS (feet)	PID (ppm)	WELL DIAGRAM	DEPTH (feet)
			SC			CLAYEY SAND (SC), olive brown (2.5Y-4/3), wet, fine to coarse grained sand, poorly sorted. Depth to water in sediments at approximately 20 feet during drilling.		0.0	#2/12 Sand 2-in. dia. SCH40 PVC Slotted Well Screen (0.010 inch) End Cap	
					21.8		-8.0			
			CL		22.3	SILTY CLAY (CL) as above.	-8.5	0.0		
			SC		23.0	CLAYEY SAND (SC) as above.	-9.2			
			CL		24.0	SILTY CLAY (CL) as above.	-10.2	0.0		
						Bottom of boring at approximately 23.25 feet bgs. Bottom of sample at approximately 24 feet. Bottom of well at approximately 23.25 feet bgs.				

COMMENTS

APPROVED BY: _____ DATE: 1/30/08

LFR

BORING+WELL 2007 001-08171-17.GPJ LFR SEPT 2006.GDT 1/31/08

PROJECT NAME Former Cox Cadillac
CLIENT Bond Companies

WELL NUMBER LF-2

PROJECT LOCATION 230 Bay Place, Oakland, CA
PROJECT NUMBER 001-09171-17
LOCATION Oakland Whole Foods
PID EQUIPMENT Mini Rae 2000
GROUND ELEVATION 13.41 ft **HOLE DIAMETER** 8 inches
TOP OF CASING ELEVATION 13.13 ft **HOLE DEPTH** 16.5 ft
FIRST ENCOUNTERED WATER 9.5 ft
STABILIZED WATER 3.7 ft (October 2007)
LOGGED BY Michael Sullivan **DATE** 9/20/07

DRILLING CONTRACTOR VW
DRILLING METHOD Hollow Stem Auger
STAMP (IF APPLICABLE) AND/OR NOTES

DEPTH (feet)	SAMPLE TYPE NUMBER	SAMPLE RECOVERY	BLOW COUNTS (per 6 inches)	U.S.C.S.	GRAPHIC LOG	DEPTHS (feet)	LITHOLOGIC DESCRIPTION	ELEVATIONS (feet)	PID (ppm)
				SM		0	Brick fill material. SILTY SAND (SM), reddish brown (2.5R-4/3), moist, fine to coarse grained subangular sand, soft, nonplastic silt, brick fragments (up to 3" diameter).		
						4.0 ▼		9.4	1.2
5				CL			SANDY CLAY (CL), very dark greenish gray (5GY-3/1), moist, soft, plastic, fine grained sand, trace wood, odor.		25.2
10						9.5 ▽		3.9	1.1
				SM			SAND (SM) with minor clay, very dark greenish gray (5GY-3/1), moist to wet, fine to medium grained.		
15						15.0		-1.6	
			8	CL		16.0	SANDY CLAY (CL) as above, trace wood.	-2.6	0.7
			8 12	SC		16.5	CLAYEY SAND (SC).	-3.1	0.3
							Bottom of boring at approximately 16 feet bgs. Bottom of sample at approximately 16.5 feet bgs. Bottom of well at approximately 14 feet bgs.		

WELL DIAGRAM

- 8-inch dia. Borehole
- Cement Grout
- 2-in. dia. SCH40 PVC Blank Casing
- Bentonite
- #2/12 Sand
- 2-in. dia. SCH40 PVC Slotted Well Screen (0.010 inch)
- End Cap
- Bentonite

DEPTH (feet): 5, 10, 15

COMMENTS

APPROVED BY: _____ **DATE:** 1/30/08

LFR

BORING+WELL 2007 001-09171-17.GPJ LFR SEPT 2006.GDT 1/31/08

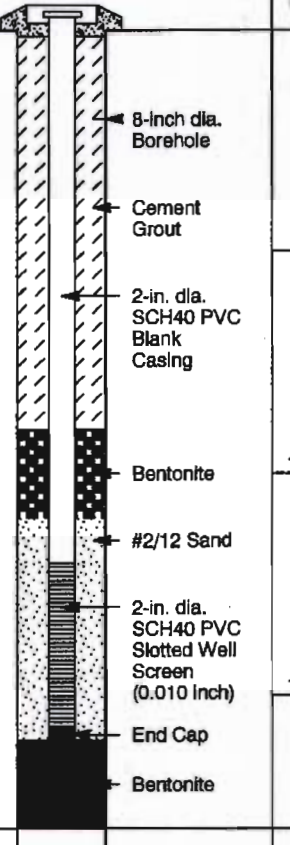
PROJECT NAME Former Cox Cadillac
CLIENT Bond Companies

WELL NUMBER LF-3

PROJECT LOCATION 230 Bay Place, Oakland, CA
PROJECT NUMBER 001-09171-17
LOCATION Oakland Whole Foods
PID EQUIPMENT Mini Rae 2000
GROUND ELEVATION 13.58 ft **HOLE DIAMETER** 8 inches
TOP OF CASING ELEVATION 13.15 ft **HOLE DEPTH** 18.0 ft
FIRST ENCOUNTERED WATER 10.0 ft
STABILIZED WATER 5.2 ft (October 2007)
LOGGED BY Lee McIlvaine **DATE** 9/15/07

DRILLING CONTRACTOR Gregg Drilling
DRILLING METHOD Hollow Stem Auger
STAMP (IF APPLICABLE) AND/OR NOTES

DEPTH (feet)	SAMPLE TYPE NUMBER	SAMPLE RECOVERY	U.S.C.S.	GRAPHIC LOG	DEPTHS (feet)	LITHOLOGIC DESCRIPTION	ELEVATIONS (feet)	PID (ppm)
			GM		0	Fill, sand, silt, gravel (GM), concrete, brick. Hand auger to 5 feet.		
					2.5	SILTY CLAY (CL), olive gray, moist, stiff, approximately 80% fines, 10% sand, 10% gravel.	11.1	
5			CL			-as above.		0.3
					8.0	-olive gray to light olive brown, approximately 90% fines, 10% sand.	5.6	0.4
			ML		9.5	SILT (ML), light olive brown, moist, stiff, trace sand increasing with depth, approximately 75% fines, 15% sand, 10% gravel.	4.1	0.6
10			ML		11.0	SANDY SILT (ML), light olive brown, moist, stiff, sand content increasing with depth.	2.6	1.1
			SP		13.0	GRAVELLY SAND (SP), light olive brown, wet, loose, approximately 75% sand, 20% gravel, 5% fines. -gravel decreasing with depth.	0.6	0.6
15			SP		16.0	SAND (SP), light olive brown, wet, loose to medium dense, approximately 80% fine to coarse grained sand, 15% gravel, 5% fines. -as above.	-2.4	0.5 / 0.7
			ML		18.0	SILT (ML), light olive brown, wet, dense, approximately 90% fines, 10% sand.	-4.4	1.4
						Bottom of boring at approximately 18 feet bgs. Bottom of well at approximately 16 feet bgs.		



COMMENTS

APPROVED BY: _____ **DATE:** 1/31/08

LFR

BORING+WELL 2007 001-09171-17.GPJ LFR SEPT 2008.GDT 1/31/08

PROJECT NAME Former Cox Cadillac
CLIENT Bond Companies

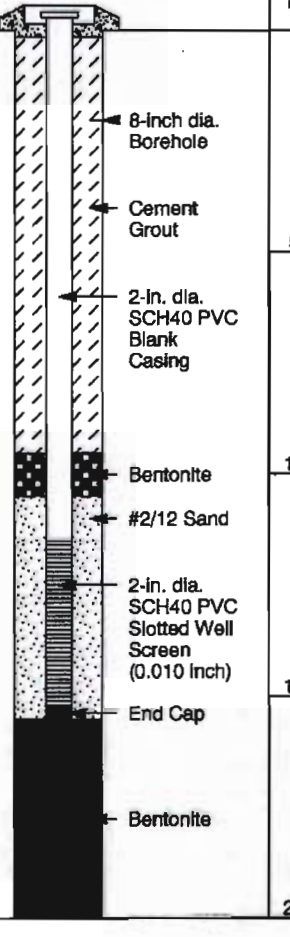
WELL NUMBER LF-4

PROJECT LOCATION 230 Bay Place, Oakland, CA
PROJECT NUMBER 001-09171-17
LOCATION Oakland Whole Foods
PID EQUIPMENT Mini Rae 2000
GROUND ELEVATION 13.32 ft **HOLE DIAMETER** 8 inches
TOP OF CASING ELEVATION 13.90 ft **HOLE DEPTH** 20.0 ft
FIRST ENCOUNTERED WATER 16.5 ft
STABILIZED WATER 5.7 ft (October 2007)
LOGGED BY Michael Sullivan **DATE** 8/28/07

DRILLING CONTRACTOR Gregg Drilling
DRILLING METHOD Hollow Stem Auger
STAMP (IF APPLICABLE) AND/OR NOTES

DEPTH (feet)	SAMPLE TYPE NUMBER	SAMPLE RECOVERY	BLOW COUNTS (per 6 inches)	U.S.C.S.	GRAPHIC LOG	DEPTHS (feet)	LITHOLOGIC DESCRIPTION	ELEVATIONS (feet)	PID (ppm)
				SP		1.0	Concrete. Hand auger to 5 feet. GRAVELLY SAND (SP), very dark grayish brown (10YR-3/2), damp, soft, approximately 75% fine to coarse grained sand, 25% subangular to rounded gravel (0.2 to 1 inch diameter).	12.3	0.0
5				SM			SILTY SAND (SM), yellowish brown (10YR-5/6), damp, approximately 65% subrounded fine grained sand, 35% soft nonplastic silt.		0.0
10						9.5	-some green staining at 9 feet.	3.8	517 392
15				SP		14.8	GRAVELLY SAND (SP), wet, predominately fine to coarse grained sand, trace amounts of subrounded gravels (approximately 0.2 to 0.5 inch diameter), fines with depth to poorly sorted sand with trace gravels, strong odor.	-1.5	0.0 5.6
				CL		16.5	SILTY CLAY (CL), yellowish brown with some green staining, damp, stiff, low plasticity.	-3.2	
			7 9	SP		18.0	GRAVELLY SAND (SP), yellowish brown, wet, rounded gravel (approximately 0.2 to 0.5 inch diameter).	-4.7	0.0
			17 11						
			11 17	CL			CLAY (CL), moist, stiff, low plasticity, no odor.		0.0
20						20.0		-6.7	

WELL DIAGRAM



DEPTH (feet)

COMMENTS

20 ft: Bottom of boring at approximately 20 feet bgs.
Bottom of well at approximately 15.5 feet bgs.

APPROVED BY: _____ **DATE:** 1/31/08

LFR

BORING+WELL 2007 001-09171-17.GPJ LFR SEPT 2006.GDT 1/31/08

PROJECT NAME Former Cox Cadillac
CLIENT Bond Companies

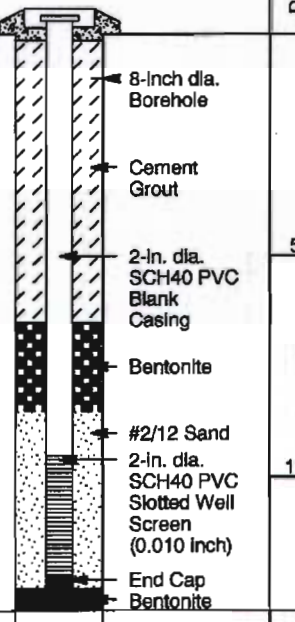
WELL NUMBER LF-5

PROJECT LOCATION 230 Bay Place, Oakland, CA
PROJECT NUMBER 001-09171-17
LOCATION Oakland Whole Foods
PID EQUIPMENT Mini Rae 2000
GROUND ELEVATION 16.13 ft **HOLE DIAMETER** 8 inches
TOP OF CASING ELEVATION 15.92 ft **HOLE DEPTH** 13.0 ft
FIRST ENCOUNTERED WATER 10.0 ft
STABILIZED WATER 3.5 ft (October 2007)
LOGGED BY Michael Sullivan **DATE** 8/29/07

DRILLING CONTRACTOR Gregg Drilling
DRILLING METHOD Hollow Stem Auger
STAMP (IF APPLICABLE) AND/OR NOTES

DEPTH (feet)	SAMPLE TYPE NUMBER	SAMPLE RECOVERY	BLOW COUNTS (per 6 inches)	U.S.C.S.	GRAPHIC LOG	DEPTHS (feet)	LITHOLOGIC DESCRIPTION	ELEVATIONS (feet)	PID (ppm)
				SP			Asphalt. Hand auger to 5 feet. GRAVELLY SAND (SP), very dark grayish brown (10YR-3/2), moist, approximately 75% fine to medium grained sand, poorly sorted, 25% subrounded to subangular gravels, fines with depth.		0.0
						3.0		13.1	
				SM			SAND WITH SILT (SM), moist, soft, approximately 85% fine to coarse grained sand, poorly sorted, coarsens with depth to 15% rounded to subrounded 0.1 to 0.5 inch diameter gravels, 15% nonplastic silt, no odor.		0.3
5						5.5		10.6	0.2
		X	9 9 12	SP			SAND WITH GRAVEL (SP), dark greenish gray (10GY-4/1), moist, strong odor.		102
		X	8 4 7			7.5		8.6	
				SM		8.0	SILTY SAND (SM), fine grained sand.	8.1	
		X	7 8 8 7	SP			GRAVELLY SAND (SP), yellowish brown, wet.		
10		X	6 7 9						
		X	5 10 13			12.0		4.1	
				CL		12.5	SANDY CLAY (CL).	3.6	
				SP		13.0		3.1	
							Bottom of boring at approximately 13 feet bgs. Bottom of well at approximately 12.5 feet bgs.		

WELL DIAGRAM



DEPTH (feet)

COMMENTS

APPROVED BY: [signature] **DATE:** 1/30/08

LFR

BORING+WELL 2007 001-09171-17.GPJ LFR SEPT 2006.GDT 1/31/08

PES Environmental, Inc.
Engineering & Environmental Services

LOG OF BORING MW-1

WELL CONSTRUCTION DETAIL	PID (PPM)	BLOWS/6"	DEPTH (FT)	SYMBOLS	MATERIALS DESCRIPTION
Christy Box *2" dia. PVC blank casing* *cement/bentonite* *bentonite seal* *Monterey #2/12 sand* *2" dia. PVC 0.010 slotted screen*		7 11 16 5 7 12 5 8 12 7 11 10 5 10 16	5 10 15 20 25 30		ASPHALTIC CONCRETE AGGREGATE BASE DARK BROWN SANDY CLAY (CL) WITH GRAVEL 10YR 3/3, medium stiff, moist, very fine-grained to coarse-grained sand. OLIVE SILTY CLAY (CL) WITH SAND 5Y 5/4, medium stiff, moist, very fine-grained sand. DARK GRAY SAND (SP) 10YR 3/1, loose, moist to wet, very fine-grained to fine-grained sand, moderate hydrocarbon odor. LIGHT YELLOWISH BROWN CLAYEY SILTY SAND (SM/ML) 2.5Y 6/3, medium dense, moist, very fine-grained sand, iron stained. Fines decrease. Moderate hydrocarbon odor. GREENISH GRAY SILTY SAND (SM) WITH CLAY 5G 5/1, medium dense, wet, very fine-grained sand, moderate to strong hydrocarbon odor. LIGHT YELLOWISH BROWN SANDY CLAY (CL/CH) 2.5Y 6/3, medium stiff, wet, very fine-grained sand. *Bottom of Boring at 20 feet below ground surface.*

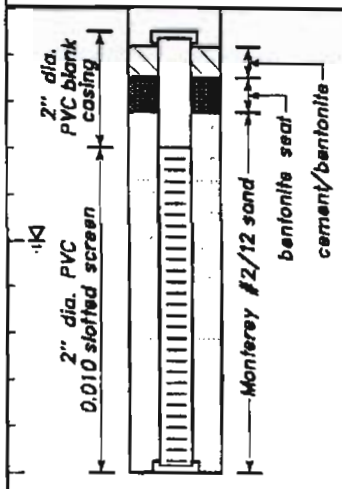
CLIENT	Cox Cadillac	DIAMETER OF HOLE	12" to 1' & 7.25" to 20'
LOCATION	230 Bay Place, Oakland, California	TOTAL DEPTH OF HOLE	20 feet
JOB NUMBER	167.0200.002	TOP OF CASING ELEVATION	0.25 feet below ground level
GEOLOGIST/ENGINEER	D. Trumbly	DATE STARTED	2/23/93
DRILL RIG	CME 75 with 7.25" Hollow Stem Auger	DATE COMPLETED	2/23/93

PLATE

A-2

PES Environmental, Inc.
Engineering & Environmental Services

LOG OF WELL TW-1

WELL CONSTRUCTION DETAIL	PID (PPM)	BLOWS/6"	DEPTH (FT)	SYMBOLS	MATERIALS DESCRIPTION
			0		ASPHALTIC CONCRETE 2"; AGGREGATE BASE 6"
					LIGHT OLIVE BROWN SANDY SILTY CLAY (CL) 2.5Y 5/6, moist, medium stiff.
			5		LIGHT OLIVE BROWN SAND (SP) 2.5Y 5/6, wet, medium dense, very fine-grained and fine-grained sand. LIGHT OLIVE BROWN SILTY CLAY (CL) 2.5Y 5/6, wet, stiff. LIGHT YELLOWISH BROWN GRAVELLY SILTY SAND (SW) 2.5Y 6/4, wet, medium dense, very fine-grained to coarse-grained sand, fine-grained gravel.
			10		*Bottom of Boring at 10 feet below ground surface.*

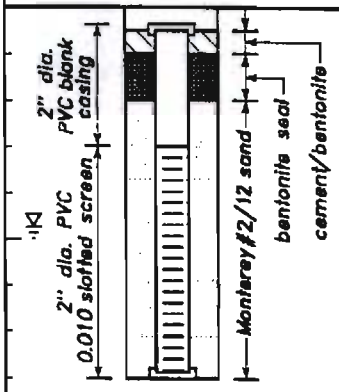
CLIENT	Cox Cadillac	DIAMETER OF HOLE	8 inches
LOCATION	230 Bay Place, Oakland, California	TOTAL DEPTH OF HOLE	10 feet
JOB NUMBER	167.0200.002	TOP OF CASING ELEVATION	0.5 feet below ground level
GEOLOGIST/ENGINEER	D. Trumbly	DATE STARTED	10/11/93
DRILL RIG	Deep Rock 10K with 8" Hollow Stem Auger	DATE COMPLETED	10/11/93

PLATE

A-3

PES Environmental, Inc.
Engineering & Environmental Services

LOG OF WELL TW-2

WELL CONSTRUCTION DETAIL	PID (PPM)	BLOWS/6"	DEPTH (FT)	SYMBOLS	MATERIALS DESCRIPTION
	0 0 0		5 10		ASPHALTIC CONCRETE 2"; AGGREGATE BASE 4" DARK YELLOWISH BROWN CLAYEY GRAVEL (GC) 10YR 4/6, moist, dense, fine-grained gravel. LIGHT OLIVE BROWN SILTY CLAY (CL) 2.5Y 5/4, moist, medium stiff. LIGHT OLIVE BROWN SANDY SILTY CLAY (CL) 2.5Y 5/3, moist, stiff, very fine-grained sand. LIGHT OLIVE BROWN SAND (SP) 2.5Y 5/4, wet, medium dense, very fine-grained to medium-grained sand. LIGHT OLIVE BROWN SILTY CLAYEY SAND (SC) 2.5Y 5/3, wet, medium dense. *Bottom of Boring at 8 feet below ground surface.*

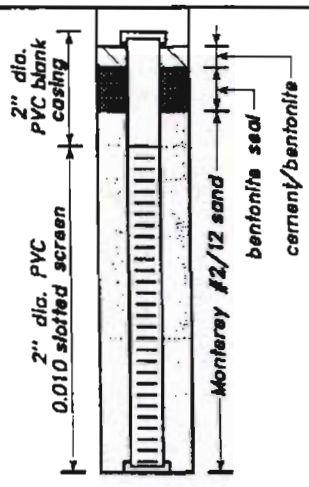
CLIENT	Cox Cadillac	DIAMETER OF HOLE	8 inches
LOCATION	230 Bay Place, Oakland, California	TOTAL DEPTH OF HOLE	8 feet
JOB NUMBER	167.0200.002	TOP OF CASING ELEVATION	0.3 feet below ground level
GEOLOGIST/ENGINEER	D. Trumbly	DATE STARTED	10/11/93
DRILL RIG	Deep Rock 10K with 8" Hollow Stem Auger	DATE COMPLETED	10/11/93

PLATE

A-4

PES Environmental, Inc.
Engineering & Environmental Services

LOG OF WELL TW-3

WELL CONSTRUCTION DETAIL	PID (PPM)	BLOWS/6"	DEPTH (FT)	SYMBOLS	MATERIALS DESCRIPTION
			5 10		ASPHALTIC CONCRETE 2"; AGGREGATE BASE 6" DARK GRAYISH BROWN SAND (SW) 2.5Y 4/2, moist, medium dense, very fine-grained to coarse-grained sand. YELLOWISH BROWN SANDY CLAY / CLAYEY SAND (CL/SC) 10YR 5/4, moist to wet, very stiff / medium dense, very fine-grained and fine-grained sand, very slight hydrocarbon odor. LIGHT OLIVE BROWN SILTY CLAY (CL) WITH SAND 2.5Y 5/4, moist, very stiff, very fine-grained sand. LIGHT OLIVE BROWN SANDY SILT (ML) WITH CLAY 2.5Y 5/4, moist, very stiff, very fine-grained sand. *Bottom of Boring at 10 feet below ground surface.*

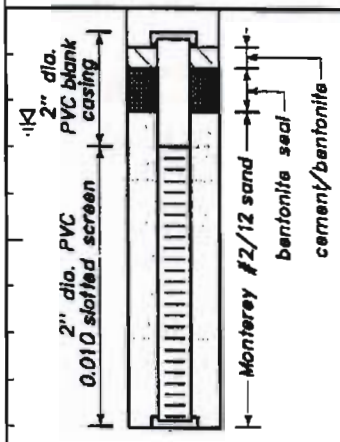
CLIENT	Cox Cadillac	DIAMETER OF HOLE	8 inches
LOCATION	230 Bay Place, Oakland, California	TOTAL DEPTH OF HOLE	10 feet
JOB NUMBER	167.0200.002	TOP OF CASING ELEVATION	0.5 feet below ground level
GEOLOGIST/ENGINEER	D. Trumbly	DATE STARTED	10/11/93
DRILL RIG	Deep Rock 10K with 8" Hollow Stem Auger	DATE COMPLETED	10/11/93

PLATE

A-5

PES Environmental, Inc.
Engineering & Environmental Services

LOG OF WELL TW-4

WELL CONSTRUCTION DETAIL	PID (PPM)	BLOWS/6"	DEPTH (FT)	SYMBOLS	MATERIALS DESCRIPTION
					ASPHALTIC CONCRETE 1.5"; AGGREGATE BASE 6" LIGHT OLIVE BROWN SANDY CLAY (CL) 2.5Y 5/4, moist, medium stiff, very fine-grained sand. OLIVE GRAY SANDY CLAY (CL) moist to wet, medium stiff, very fine-grained sand, contains brick fragments. CONCRETE DARK GRAYISH BROWN GRAVELLY SAND (SW) 2.5Y 4/2, moist, loose.
	9.1	2 4			
	8.1	5 3	5		LIGHT OLIVE BROWN SILTY CLAY (CL) WITH SAND 2.5Y 5/4, moist, stiff to very stiff, very fine-grained sand.
		9 12			
	1.2	3 6			
		9			*Bottom of Boring at 9 feet below ground surface.*
			10		

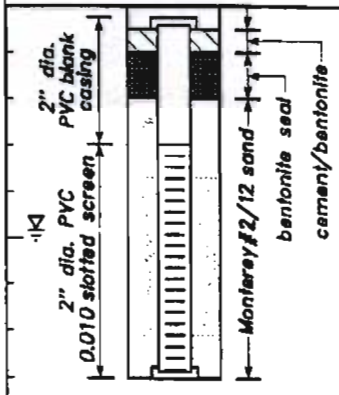
CLIENT	Cox Cadillac	DIAMETER OF HOLE	8 inches
LOCATION	230 Bay Place, Oakland, California	TOTAL DEPTH OF HOLE	9 feet
JOB NUMBER	167.0200.002	TOP OF CASING ELEVATION	0.5 feet below ground level
GEOLOGIST/ENGINEER	D. Trumbly	DATE STARTED	10/11/93
DRILL RIG	Deep Rock 10K with 8" Hollow Stem Auger	DATE COMPLETED	10/11/93

PLATE

A-6

PES Environmental, Inc.
Engineering & Environmental Services

LOG OF WELL TW-5



DEPTH (FT)	PID (PPM)	BLOWS/6"	SYMBOLS	MATERIALS DESCRIPTION
				ASPHALTIC CONCRETE 2": AGGREGATE BASE 4"
				DARK YELLOWISH BROWN CLAYEY SAND (SC) 10YR 3/6, moist, loose.
				GRAY SILTY CLAY (CL) WITH SAND 5Y 5/1, moist, soft.
				BRICK 10R 4/4.
5	485	1 1 1		VERY DARK GRAY SANDY CLAY (CL) 10YR 3/1, moist, very soft, very fine-grained and fine-grained sand, moderate hydrocarbon odor. Hydrocarbon odor beomes strong.
	648	2 2 2		Becomes dark gray 5Y 4/1.
10				*Bottom of Boring at 10 feet below ground surface.*

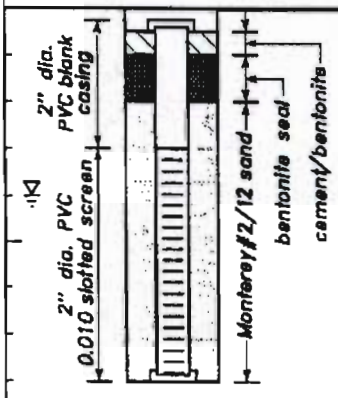
CLIENT	Cox Cadillac	DIAMETER OF HOLE	8 inches
LOCATION	230 Bay Place, Oakland, California	TOTAL DEPTH OF HOLE	8 feet
JOB NUMBER	167.0200.002	TOP OF CASING ELEVATION	0.25 feet below ground level
GEOLOGIST/ENGINEER	D. Trumbly	DATE STARTED	10/12/93
DRILL RIG	Deep Rock 10K with 8" Hollow Stem Auger	DATE COMPLETED	10/12/93

PLATE

A-7

PES Environmental, Inc.
Engineering & Environmental Services

LOG OF WELL TW-6



WELL CONSTRUCTION DETAIL	PID (PPM)	BLOWS/6"	DEPTH (FT)	SYMBOLS	MATERIALS DESCRIPTION
	4.6				ASPHALTIC CONCRETE 2"; AGGREGATE BASE 2" DARK YELLOWISH BROWN GRAVELLY SAND (SW) 10YR 4/6, moist, loose, fine-grained to coarse-grained sand, fine-grained gravel.
					LIGHT OLIVE BROWN SANDY CLAY (CL) 2.5Y 5/3, moist, medium stiff, very fine-grained and fine-grained sand.
					GREENISH GRAY SILTY SAND (SM) 5GY 6/1, moist to wet, medium dense, very fine-grained and fine-grained sand.
	21		5		GREENISH GRAY SAND (SW) 5GY 5/1, wet, medium dense, very fine-grained to coarse-grained sand.
	18.4				GREENISH GRAY AND DARK YELLOWISH BROWN SILTY SAND (SM) - 5GY 5/1 & 10YR 4/5, wet loose to medium dense, very fine-grained and fine-grained sand.
			10		*Bottom of Boring at 8 feet below ground surface.*

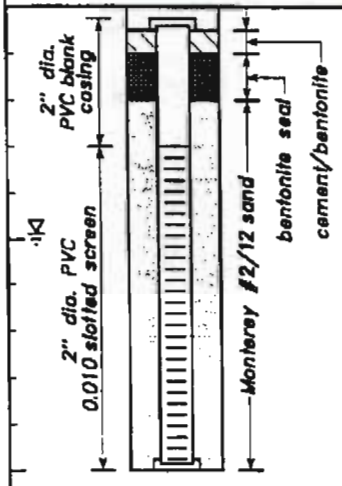
CLIENT	Cox Cadillac	DIAMETER OF HOLE	8 inches
LOCATION	230 Bay Place, Oakland, California	TOTAL DEPTH OF HOLE	8 feet
JOB NUMBER	167.0200.002	TOP OF CASING ELEVATION	0.25 feet below ground level
GEOLOGIST/ENGINEER	D. Trumbly	DATE STARTED	10/12/93
DRILL RIG	Deep Rock 10K with 8" Hollow Stem Auger	DATE COMPLETED	10/12/93

PLATE

A-8

PES Environmental, Inc.
Engineering & Environmental Services

LOG OF WELL TW-7

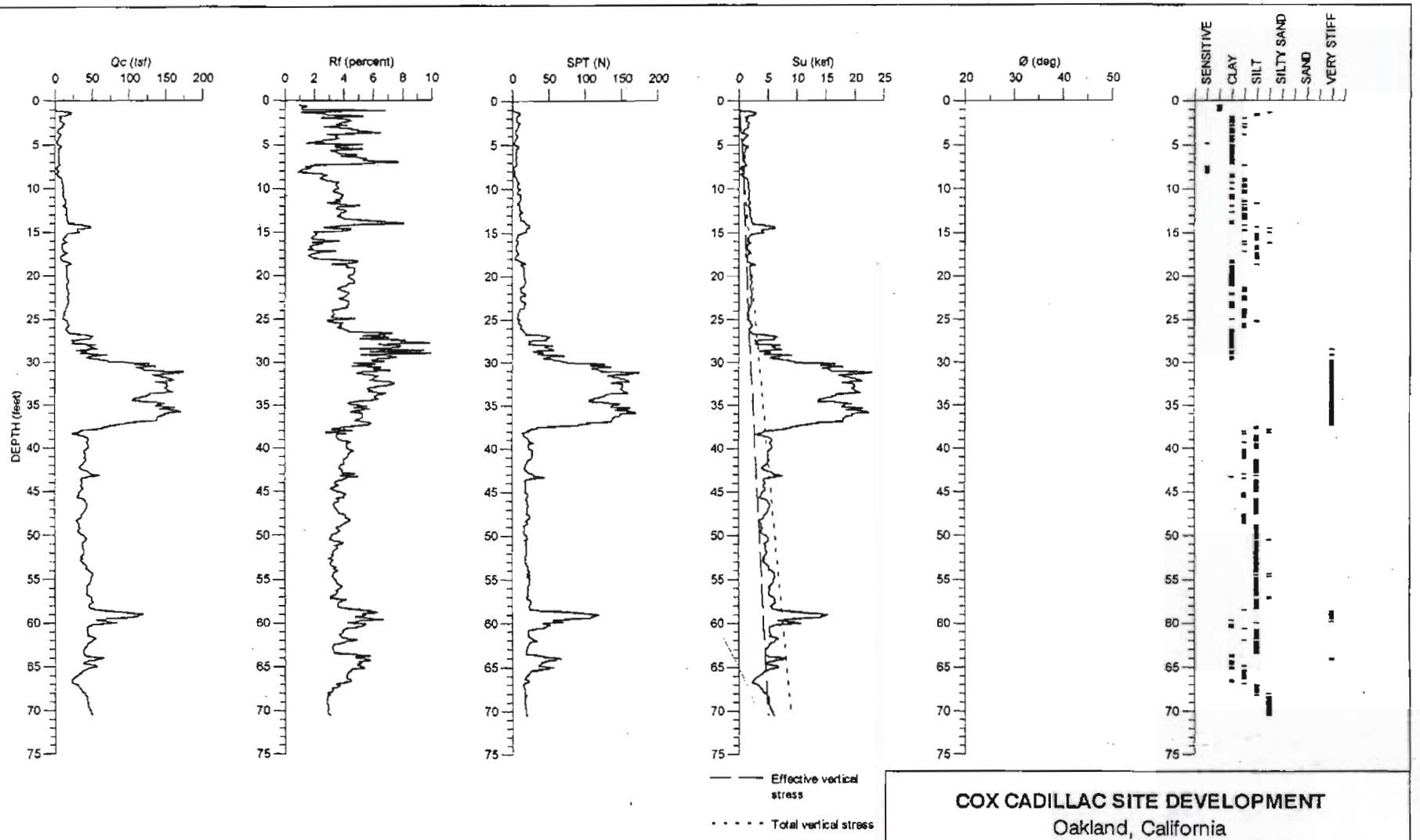


WELL CONSTRUCTION DETAIL	PID (PPM)	BLOWS/6"	DEPTH (FT)	SYMBOLS	MATERIALS DESCRIPTION
					CONCRETE SLAB 4"; BEDDING MATERIAL: CONCRETE SLAB 4"
					VERY DARK GRAY SANDY CLAY (CL) 7.5YR N3/, moist, soft, very fine-grained sand.
					DARK GREENISH GRAY SILTY CLAY (CL) WITH SAND 5GY 4/1, moist, medium stiff, very fine-grained sand, with light hydrocarbon odor.
	435	3 4 6			LIGHT OLIVE BROWN SILTY CLAY (CL) WITH SAND 2.5Y 5/4, moist, medium stiff, very fine-grained sand, with moderate hydrocarbon odor.
	447	3 5 5	5		LIGHT OLIVE BROWN SILTY SAND (SM) WITH CLAY 2.5Y 5/4, moist to wet, loose, very fine-grained to medium-grained sand, with strong hydrocarbon odor.
	238	3 4 8			
			10		*Bottom of Boring at 10 feet below ground surface.*

CLIENT	Cox Cadillac	DIAMETER OF HOLE	8 inches
LOCATION	230 Bay Place, Oakland, California	TOTAL DEPTH OF HOLE	10 feet
JOB NUMBER	167.0200.002	TOP OF CASING ELEVATION	0.25 feet below ground level
GEOLOGIST/ENGINEER	D. Trumbly	DATE STARTED	10/12/93
DRILL RIG	Deep Rock 10K with 8" Hollow Stem Auger	DATE COMPLETED	10/12/93

PLATE

A-9



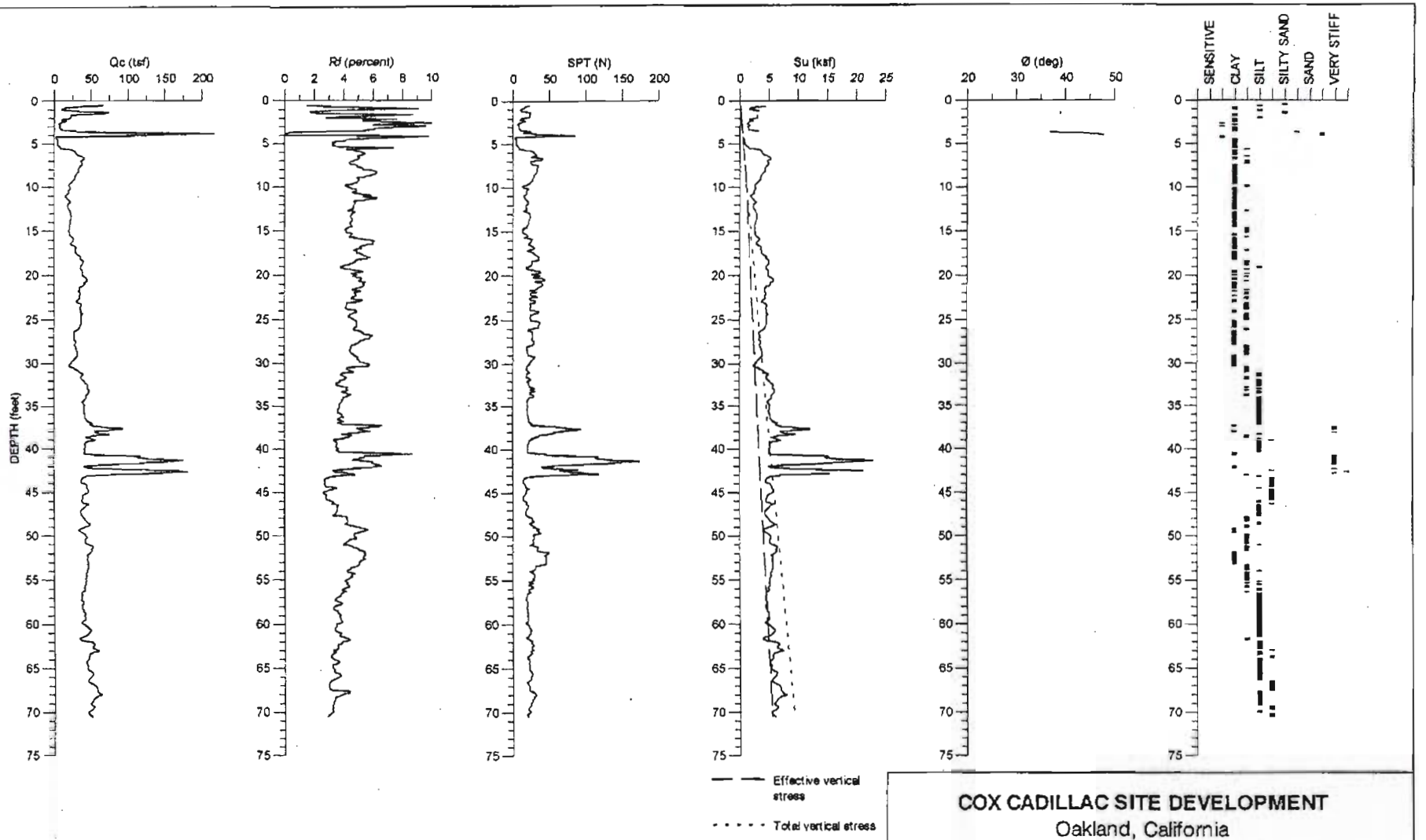
Terminated at 70.5 feet
Groundwater estimated at 6.7 feet.
Date performed: 2/3/04.
Elevation: 9.5 feet, datum: City of Oakland Datum.

COX CADILLAC SITE DEVELOPMENT
Oakland, California

CONE PENETRATION TEST RESULTS
CPT-1A

Date 05/05/04	Project No. 3830.01	Figure A-1

Treadwell&Rollo



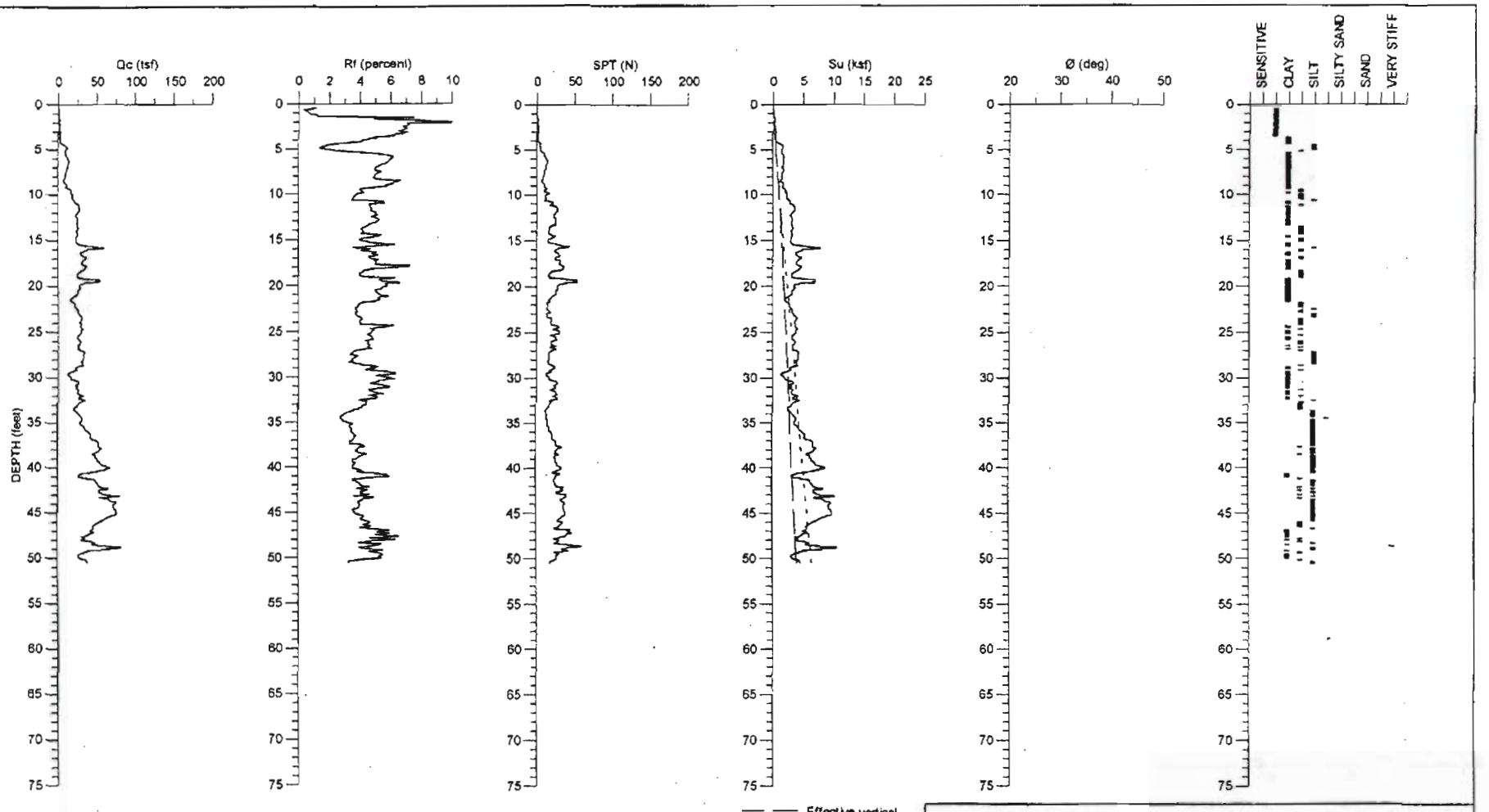
Terminated at 70.5 feet
Groundwater estimated at 9 feet.
Date performed: 2/3/04.
Elevation: 9.5 feet, datum: City of Oakland Datum.

COX CADILLAC SITE DEVELOPMENT
Oakland, California

CONE PENETRATION TEST RESULTS
CPT-2A

Date 05/05/04	Project No. 3830.01	Figure A-2

Treadwell&Rollo



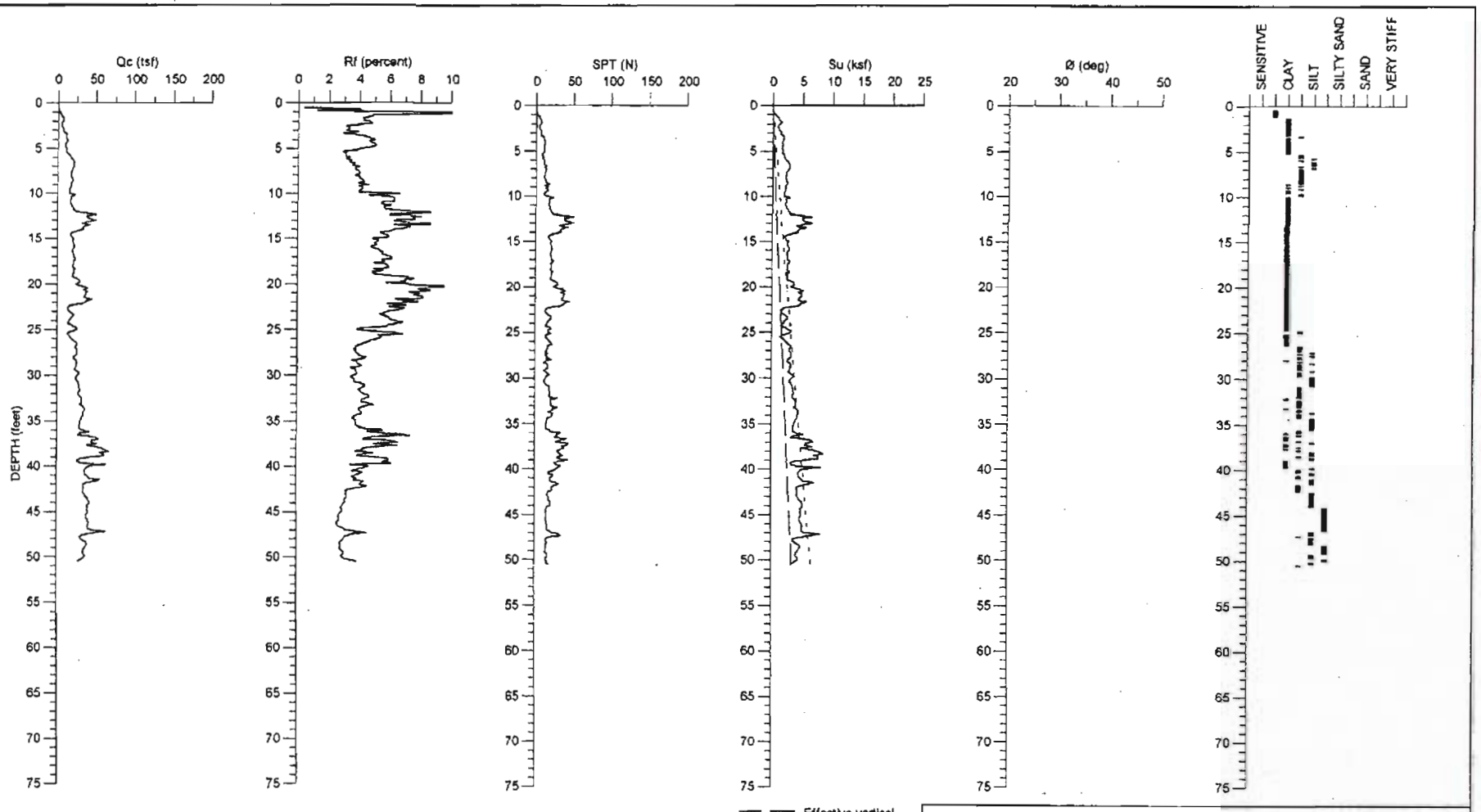
Terminated at 50.5 feet
Groundwater estimated at 10.5 feet.
Date performed: 2/3/04.
Elevation: 10 feet, datum: City of Oakland Datum.

COX CADILLAC SITE DEVELOPMENT
Oakland, California

CONE PENETRATION TEST RESULTS
CPT-3A

Date 05/05/04	Project No. 3830.01	Figure A-3

Treadwell&Rollo



Terminated at 50.5 feet
Groundwater estimated at 0.1 feet.
Date performed: 2/3/04.
Elevation: 10 feet, datum: City of Oakland Datum.

COX CADILLAC SITE DEVELOPMENT
Oakland, California

CONE PENETRATION TEST RESULTS
CPT-4A

Date 05/05/04	Project No. 3830.01	Figure A-4

Treadwell&Rollo

PROJECT: COX CADILLAC SITE DEVELOPMENT
Oakland, California

Log of Boring TR-1

Boring location: See Site Plan, Figure 2 | Logged by: A. Blaisdell

Date started: 5/8/04 | Date finished: 5/8/04

Drilling method: Mobile B-24 truck mounted rig, 6-1/2-inch-diameter hollow-stem augers

Hammer weight/drop: 140 lbs./30 inches | Hammer type: Safety

Sampler: Sprague & Henwood (S&H), Standard Penetration Test (SPT), Shelby Tube (ST)

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION
					Ground Surface Elevation: 8.24 feet[2]
					Six inches PCC with clay tile
1–2	S&H		2	SP-SC	SAND with CLAY (SP-SC) brown, very loose, moist, trace gravel, many brick and rock fragments in upper 6 inches
3–4	SPT		2		▽ (5/8/04, 10:30 AM)
5				SC	CLAYEY SAND (SC) dark gray, very loose, wet
6	SPT		2	CH	SANDY CLAY (CH) gray, very soft, wet — FILL
7–8	S&H		1		trace gravel, lost lower 6 inches of sample
9–10	ST				no recovery
11–12	S&H		11	CL	GRAVELLY CLAY (CL) olive-brown, stiff, wet
13–14					
15	S&H		17		very stiff, less gravelly
16–30					

LABORATORY TEST DATA

Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft

Boring terminated at a depth of 15.5 feet
Boring backfilled with neat cement grout.
Groundwater was measured at a depth of 4 feet.

[1] S&H blow counts converted to SPT N-values using a factor of 0.6.
[2] Elevation based on City of Oakland datum.

Treadwell&Rollo

Project No.: 3830.01 | Figure: A-6

TEST GEOTECH LOG 383001.GPJ TR.GDT 6/29/04

PROJECT:	COX CADILLAC SITE DEVELOPMENT Oakland, California	**Log of Boring TR-2**	PAGE 1 OF 1

Boring location:	See Site Plan, Figure 2		Logged by: A. Blaisdell
Date started:	5/8/04	Date finished: 5/8/04	
Drilling method:	Mobile B-24 truck mounted rig, 6-1/2-inch-diameter hollow-stem augers		
Hammer weight/drop:	140 lbs./30 inches	Hammer type: Safety	
Sampler:	Sprague & Henwood (S&H), Standard Penetration Test (SPT)		

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
					Ground Surface Elevation: 8.24 feet[2]						
					Six inches PCC with clay tile						
1–2–3	S&H		4	SP-SC	SAND with CLAY (SP-SC) brown, loose, moist, trace gravel						
4	SPT		3		▽ (5/8/04, 1:05 PM) very loose, wet						
5–6	SPT		4		CLAY with SAND (CH) dark gray, soft, wet, coarse sand, trace fine gravel						
7–8	S&H		2	CH	very soft, heavy organics, contains stiffer clods within overall soft matrix, with gravel						
9–10	S&H	•	3								
11–12	S&H		10	CL	SANDY CLAY (CL) olive-brown, stiff, wet						
13–30											

FILL

Boring terminated at a depth of 13 feet
Boring backfilled with neat cement grout.
▽ Groundwater was measured at a depth of 4 feet.

[1] S&H blow counts converted to SPT N-values using a factor of 0.6.
[2] Elevation based on City of Oakland datum.

Treadwell&Rollo

Project No.: 3830.01 | Figure: A-7

TEST GEOTECH LOG 383001.GPJ TR.GDT 6/29/04

PROJECT: COX CADILLAC SITE DEVELOPMENT
Oakland, California

Log of Boring TR-3

Boring location: See Site Plan, Figure 2 | Logged by: A. Blaisdell

Date started: 5/8/04 | Date finished: 5/8/04

Drilling method: Mobile B-24 truck mounted rig, 6-1/2-inch-diameter hollow-stem augers

Hammer weight/drop: 140 lbs./30 inches | Hammer type: Safety

Sampler: Standard Penetration Test (SPT)

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
					Ground Surface Elevation: 8.24 feet[2]						
1					Six inches PCC with clay tile						
					RUBBLE FILL heterogeneous mix of sand, brick and concrete						
2					12 inches PCC						
3					8-inch void below slab						
4					▽ (5/8/04, 11:33 AM) SAND with SILT (SP-SM) dark brown, loose, wet, heavy brick fragments						
5	SPT		4	SP-SM							
6					dark gray-brown, loose to medium dense						
7	SPT		50/0"		WOOD BRICK						
8					Boring met practical refusal during drilling at 7.5 feet.						
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											

FILL

Boring backfilled with neat cement grout.
Groundwater was measured at a depth of 4 feet.

[1] S&H blow counts converted to SPT N-values using a factor of 0.6.
[2] Elevation based on City of Oakland datum.

Treadwell&Rollo

Project No.: 3830.01 | Figure: A-8

TEST GEOTECH LOG 383001.GPJ TR.GDT 6/29/04

PROJECT: COX CADILLAC SITE DEVELOPMENT
Oakland, California

Log of Boring TR-4

Boring location: See Site Plan, Figure 2 | Logged by: A. Blaisdell

Date started: 5/8/04 | Date finished: 5/8/04

Drilling method: Mobile B-24 truck mounted rig, 6-1/2-inch-diameter hollow-stem augers

Hammer weight/drop: 140 lbs./30 inches | Hammer type: Safety

Sampler: Sprague & Henwood (S&H)

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
					Ground Surface Elevation: 8.24 feet[2]						
					Six inches PCC with clay tile						
1–2	S&H		4	CL	SANDY CLAY with GRAVEL (CL) mottled yellow-brown, brown, and gray, soft to medium stiff, moist						
3–4	S&H		13		▽ (5/8/04, 12:45 PM)						
4–5				GP	GRAVEL (GP) gray, medium dense, wet, angular to sub-angular						
5–6	S&H		16	GC	CLAYEY GRAVEL (GC) gray, medium dense, wet, angular to sub-angular, clay in gravel matrix is soft, wood at 6 feet						
7–8	S&H		31		gray-green						
9–10					Boring met practical refusal during drilling at 7.5 feet; sampler advanced to 9 feet.						

FILL

Boring backfilled with neat cement grout.
Groundwater was measured at a depth of 4 feet.

[1] S&H blow counts converted to SPT N-values using a factor of 0.6.
[2] Elevation based on City of Oakland datum.

Treadwell&Rollo

Project No.: 3830.01 | Figure: A-9

TEST GEOTECH LOG 383001.GPJ TR.GDT 6/29/04

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **GP2A**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Vironex
LICENSE NUMBER: 705327

CLIENT	SITE NUMBER	LOCATION
Hanson-Bridgett	TMCOX	230 Bay Place Oakland, CA

DRILLING AND SAMPLING METHODS: Hand auger to 4 feet bgs. Macro core with 6610DT Tract Rig.

				START	FINISH
WATER LEVEL					
TIME				TIME 1520	TIME 1640
DATE				DATE 11/26/03	DATE 11/26/03
REFERENCE					

SURFACE CONDITIONS: Concrete 6".

DESCRIPTION BY: K. Brandt

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	DESCRIPTION
				0		PAVERS (2"). CONCRETE (6"). GRAVEL FILL: bricks, angular gravel up to 6", fine sand, non-plastic fines, dry.
				1		
				2		SILT: black (2.5Y 2.5/1), sticky, plastic due to "tar" like substance, damp.
			148	3		
				4		SANDY SILT: olive (5Y 5/4), soft, low plasticity, very fine to fine sand, damp.
60	60	-		5		
		-		6		
		-		7		
				8		
				9		CLAYEY SILT/SILTY CLAY: dark brown (2.5Y 4/3), soft to firm, low plasticity, damp.
12	12	-		10		Boring terminated at 10 feet bgs.
		-		11		
		-		12		
				13		
				14		
				15		
				16		
				17		
				18		
				19		
				20		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

DETAILS

LOG OF SOIL BORING TMCOX.GPJ ETIC.GDT 12/17/03

LITHOLOGY			SAMPLE DATA	
Depth, feet	Graphic Log	Description	Sample No. and Interval	Percent Recovery
		CONCRETE		
		CLAYEY SILT (CL), brown (10YR 4/3), brown, damp, medium stiff, low plasticity.		4.8
		SAND (SP), olive brown (2.5Y 4/3), olive brown, wet, loose, subrounded, poorly graded, mottled.		
5 ▼			5	2.5
		CLAY (CL), very dark grayish brown (2.5Y 3/2), damp, stiff, medium to high plasticity.		
				0.1
		CLAYEY SAND (CL), olive brown (2.5Y 4/3), olive brown, damp, loose, subrounded, poorly graded.		
10			10	
		BOTTOM OF BORING AT 12 FEET.		3.2
15			15	
20			20	
25			25	
30			30	

Date Well Drilled: 3/15/04
Drilling Company: Gregg Drill
Driller: Don
Sampling Method: Direct Push
LFR Geologist: TGR

EXPLANATION

- Clay
- Silt
- Sand
- Gravel
- Interval sample
- Soil sample
- ▼ Depth first water was encountered in borehole

Approved by:

CONSTRUCTION AND LITHOLOGY FOR WELL SB-1 *(page 1 of 1)*

LFR LEVINE•FRICKE

Former Cox Cadillac, 230 Bay Place
Oakland, California

09171-Boring Log SB-1.CDR 080304

Depth, feet	Graphic Log	LITHOLOGY Description	Sample No. and Interval	SAMPLE DATA Percent Recovery
		CLAYEY SILT (CL), brown (10YR 4/3), brown, damp, medium stiff, low to medium plasticity.		10.9
5 ▼		SAND (SP), olive brown (2.5Y 4/4), olive brown, wet, subangular to subrounded, poorly graded.	5	25.9
		CLAY (CL), dark yellowish brown (10YR 3/6), dark yellowish brown, damp, stiff, medium plasticity.		113
		BOTTOM OF BORING AT 8 FEET.		66.3
10			10	
15			15	
20			20	
25			25	
30			30	

Date Well Drilled: 3/15/04
Drilling Company: Gregg Drill
Driller: Don
Sampling Method: Direct Push
LFR Geologist: TGR

EXPLANATION

- Clay
- Silt
- Sand
- Gravel
- Interval sample
- Soil sample
- ▼ Depth first water was encountered in borehole

Approved by:

CONSTRUCTION AND LITHOLOGY FOR WELL SB-2 *(page 1 of 1)*

LFR LEVINE•FRICKE

Former Cox Cadillac, 230 Bay Place
Oakland, California

09171-Boring Log SB-2.CDR 080304

Depth, feet	Graphic Log	Description	Sample No. and Interval	Percent Recovery
		LITHOLOGY		**SAMPLE DATA**
		CONCRETE		
		SAND (SP), dark olive gray (5Y 3/2), damp, loose, brick, rock.		5.5
				12.2
5			5	
				0.2
		CLAYEY SAND (SC), light olive brown, wet, medium dense, poorly graded, 55% sand, 45% clay.		
		BOTTOM OF BORING AT 9 FEET.		
10			10	
15			15	
20			20	
25			25	
30			30	

Date Well Drilled: 3/15/04
Drilling Company: Gregg Drill
Driller: Don
Sampling Method: Direct Push
LFR Geologist: TGR

EXPLANATION

- Clay
- Silt
- Sand
- Gravel
- Interval sample
- Soil sample
- Depth first water was encountered in borehole

Approved by:

CONSTRUCTION AND LITHOLOGY FOR WELL SB-3 *(page 1 of 1)*

LFR LEVINE•FRICKE

Former Cox Cadillac, 230 Bay Place
Oakland, California

09171-Boring Log SB-3.CDR 080304

Depth, feet	Graphic Log	Description	Sample No. and Interval	Percent Recovery
		LITHOLOGY		**SAMPLE DATA**
		SILTY CLAY (CL), brown (10YR 4/3), damp, medium stiff, medium plasticity.		8.8
		SAND (SP), olive brown (2.5Y 4/3), wet, loose, subrounded to subangular, poorly graded.		
5 ▼			5	2.1
		SILTY CLAY (CL), brown (10YR 4/3), brown, damp, medium stiff, medium plasticity. Hit refusal. BOTTOM OF BORING AT 6 FEET.		
10			10	
15			15	
20			20	
25			25	
30			30	

Date Well Drilled: 3/15/04
Drilling Company: Gregg Drill
Driller: Don
Sampling Method: Direct Push
LFR Geologist: TGR

EXPLANATION

- Clay
- Silt
- Sand
- Gravel
- Interval sample
- Soil sample
- ▼ Depth first water was encountered in borehole

Approved by:

CONSTRUCTION AND LITHOLOGY FOR WELL SB-4 *(page 1 of 1)*

LFR LEVINE•FRICKE

Former Cox Cadillac, 230 Bay Place
Oakland, California

09171-Boring Log SB-4.CDR 080304

LITHOLOGY			SAMPLE DATA	
Depth, feet	Graphic Log	Description	Sample No. and Interval	Percent Recovery
		BRICK, CONCRETE		
		SAND (SP), dark yellowish brown (10YR 4/6), damp, very loose, subrounded to subangular, poorly graded.		1.9
				2.1
5 ▼			5	
				0.1
		CLAY (CL), dark olive gray (5Y 3/2), wet, medium stiff, high plasticity.		
		BOTTOM OF BORING AT 9 FEET.		
10			10	
15			15	
20			20	
25			25	
30			30	

Date Well Drilled: 3/15/04
Drilling Company: Gregg Drill
Driller: Don
Sampling Method: Direct Push
LFR Geologist: TGR

EXPLANATION

- Clay
- Silt
- Sand
- Gravel
- Interval sample
- Soil sample
- ▼ Depth first water was encountered in borehole

Approved by:

CONSTRUCTION AND LITHOLOGY FOR WELL SB-5 *(page 1 of 1)*

LFR LEVINE•FRICKE

Former Cox Cadillac, 230 Bay Place
Oakland, California

09171-Boring Log SB-5.CDR 080304

LITHOLOGY			SAMPLE DATA	
Depth, feet	Graphic Log	Description	Sample No. and Interval	Percent Recovery
		8RICK, CONCRETE SILT from cuttings (no sample).		0.2
		CONCRETE (used auger).		
5		SILTY SAND (SP), dark grayish brown (2.5Y 4/2), wet, loose, subrounded, moderately graded.	5	1.8
				0.1
10		BOTTOM OF BORING AT 9 FEET.	10	
15			15	
20			20	
25			25	
30			30	

Date Well Drilled: 3/15/04
Drilling Company: Gregg Drill
Driller: Don
Sampling Method: Direct Push
LFR Geologist: TGR

EXPLANATION

- Clay
- Silt
- Sand
- Gravel
- Interval sample
- Soil sample
- ▼ Depth first water was encountered in borehole

Approved by:

CONSTRUCTION AND LITHOLOGY FOR WELL SB-6 *(page 1 of 1)*

LFR LEVINE • FRICKE

Former Cox Cadillac, 230 Bay Place
Oakland, California

09171-Boring Log SB-6.CDR 080304

LITHOLOGY			SAMPLE DATA	
Depth, feet	Graphic Log	Description	Sample No. and Interval	Percent Recovery
		CONCRETE BRICK, loose (no sample) (Augered)		1.2
5		CLAY (CL), dark grayish brown (2,.5Y 4/2), dark grayish brown, wet, medium stiff, high plasticity		4.9
		BOTTOM OF BORING AT 8.5 FEET.		
10				
15				
20				
25				
30				

Date Well Drilled: 3/15/04
Drilling Company: Gregg Drill
Driller: Don
Sampling Method: Direct Push
LFR Geologist: TGR

EXPLANATION

- Clay
- Silt
- Sand
- Gravel
- Interval sample
- Soil sample
- Depth first water was encountered in borehole

Approved by:

CONSTRUCTION AND LITHOLOGY FOR WELL SB-7 *(page 1 of 1)*

LFR LEVINE • FRICKE

Former Cox Cadillac, 230 Bay Place
Oakland, California

09171-Boring Log SB-7.CDR 080304

PES Environmental, Inc.
Engineering & Environmental Services

LOG OF BORING B-2

BLOWS/6 IN.	PID (PPM)	SAMPLE ID	DEPTH (FT)	GRAPHIC LOG	MATERIALS DESCRIPTION
					Concrete
					Sand, brick and concrete debris fill.
			2		Concrete
					Clayey sand, brick and concrete debris fill.
			4		▽ Groundwater encountered at 4.25 feet below ground surface.
	0	B-2-5			BROWISH GRAY GRAVELLY SAND (SW) with clay, Wet, loose.
			6		Hydrocarbon odors in samples between 4.5 and 6.5 feet below ground surface.
					Bottom of borehole @ 7.5 feet below ground surface.
			8		*Grab groundwater sample collected.*
			10		
			12		
			14		

1670201001_b1-3_mw2.CDR

PROJECT	Former Cox Cadillac	DIAMETER OF HOLE	2 inches
LOCATION	Oakland, CA.	TOTAL DEPTH OF HOLE	7.5 feet
JOB NUMBER	167.0201.004	TOP OF CASING ELEVATION	NA
GEOLOGIST/ENGINEER	Chris Rossitto	DATE STARTED	7/3/97
DRILL RIG/SAMPLING METHOD	Rhino Rig/Direct Push	DATE COMPLETED	7/3/97

PLATE

B-3