ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Director

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

December 3, 2010

Charles Carmel (*Sent via E-mail to: charles.carmel@bp.com*)
Atlantic Richfield Corporation
P.O. Box 1257
San Ramon, CA 94583

Subject: Fuel Leak Case No. RO0000241 and GeoTracker Global ID T0600100206, BP #11127, 5425 Martin Luther King Jr. Way, Oakland, CA 94609

Dear Mr. Carmel:

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.

SITE INVESTIGATION AND CLEANUP SUMMARY

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

- Residual concentrations of MTBE were detected in groundwater at the site at a concentration of 16 µg/L.

If you have any questions, please call Paresh Khatri at (510) 777-2478. Thank you.

Sincerely,

Donna L. Drogos, P.E.
Division Chief

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

cc:

Ms. Cherie McCaulou (w/enc)
SF- Regional Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, CA 94612
(Sent via E-mail to:
CMccaulou@waterboards.ca.gov)

Closure Unit (w/enc)
State Water Resources Control Board
UST Cleanup Fund
P.O. Box 944212
Sacramento, CA 94244-2120
(*Sent via E-mail*)

Paresh Khatri (w/orig enc), D. Drogos (w/enc), T. Le-Khan (w/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
FAX (510) 337-9135

December 2, 2010

Charles Carmel (*Sent via E-mail to: charles.carmel@bp.com*)
Atlantic Richfield Corporation
P.O. Box 1257
San Ramon, CA 94583

REMEDIAL ACTION COMPLETION CERTIFICATE

Subject: Fuel Leak Case No. RO0000241 and GeoTracker Global ID T0600100206, BP #11127, 5425 Martin Luther King Jr. Way, Oakland, CA 94609

Dear Mr. Carmel:

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 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

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
Alameda County Environmental Health

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

I. AGENCY INFORMATION

Date: September 3, 2010

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: Paresh Khatri	Title: Hazardous Materials Specialist

II. CASE INFORMATION

Site Facility Name: BP #11127		
Site Facility Address: 5425 Martin Luther King Jr. Way, Oakland, CA 94609		
RB Case No.: 01-0220	StID No.: 3105	LOP Case No.: RO0000241
URF Filing Date: ---	Global ID No.: T0600100206	APN: 14-1199-31-1

Responsible Parties	Addresses	Phone Numbers
Atlantic Richfield Company c/o Charles Carmel	P.O. Box 1257, San Ramon, CA 94583	(925) 275-3801
ConocoPhillips c/o Bill Borgh	76 Broadway, Sacramento, CA 95818	---
Toan V Nugyen	811 55th Street, Oakland, CA 94608	

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
1	6,000	Gasoline	Removed	10/1987
2	8,000	Gasoline	Removed	10/1987
3	10,000	Gasoline	Removed	10/1987
---	---	---	---	---
Piping			---	---

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Unknown, slight corrosion along seams of USTs was identified by field geologist.		
Site characterization complete? Yes	Date Approved By Oversight Agency: ---	
Monitoring wells installed? Yes	Number: 4	Proper screened interval? Yes
Highest GW Depth Below Ground Surface: 7.88 ft (below top of casing)	Lowest Depth: 12.46 ft (below top of casing)	Flow Direction: East
Most Sensitive Current Use: Domestic Water Supply.		

Summary of Production Wells in Vicinity: A well survey was conducted in January 2010. One irrigation well and two industrial wells are located within a 2,500-foot radius of site. The lone irrigation well is located approximately 0.2 miles (approximately 1,050 feet) southeast of the site. Since the wells identified are located at the furthest extent of the 0.5 mile search radius, these wells are not considered receptors due to their respective distances from the subject site.

Are drinking water wells affected? No	Aquifer Name: East Bay Plain groundwater sub-basin
Is surface water affected? No	Nearest SW Name: San Francisco Bay located approximately 1.25 miles east 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	1 x 6,000-gal 1 x 8,000-gal 1 x 10,000-gal	Disposal, unknown destination	10/1987
Piping	---	---	---
Free Product	---	---	---
Soil	150 cubic yards	Disposal, West Contra Costa County Sanitary Landfill	11/1987
Groundwater	---	---	---

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)	78 (SW1, 14', 8/9/1990)	78 (SW1, 14', 8/9/1990)	2,300 (MW-2, 2/1992)	<50
TPH (Diesel)	--	--	170 (MW-2, 10/1992)	<50 (MW-2, 7/1996)
TPH (Motor Oil)	--	--	--	--
Benzene	0.053 (SW1, 14', 8/9/1990)	0.053 (SW1, 14', 8/9/1990)	6.7 (MW-1, 2/1992)	<0.5 (all wells, 4/20/2010)
Toluene	0.17 (SW1, 14', 8/9/1990)	0.17 (SW1, 14', 8/9/1990)	3.8 (MW-1, 9/1992)	<0.5 (all wells, 4/20/2010)
Ethylbenzene	0.44 (D2(15), 15', 8/9/1990)	0.44 (D2(15), 15', 8/9/1990)	47 (MW-2, 2/1992)	<0.5 (all wells, 4/20/2010)
Xylenes	0.30 (SW1, 14', 8/9/1990)	0.30 (SW1, 14', 8/9/1990)	360 (MW-2, 2/1992)	<1.0 (all wells 4/20/2010)
Heavy Metals (Cd, Cr, Pb, Ni, Zn)	8.4 (D2(15), 15', 8/9/1990)	8.4 (D2(15), 15', 8/9/1990)	--	--
MTBE	NA[4]	NA[3]	480[2] (MW-1, 7/1996)	16[1] (MW-1, 4/20/2010)
Other (8240/8270)	--	--	--	--

[1] Other VOCs analyzed (groundwater µg/L after cleanup): 16 µg/L MtBE, <4 µg/L TBA, <0.5 µg/L DIPE, <0.5 µg/L ETBE, <0.5 µg/L TAME, <0.5 µg/L EDB, <0.5 µg/L 1.2-DCA, <100 µg/L ethanol.
[2] Other VOCs analyzed (groundwater ppb before cleanup): 480 µg/L MtBE, <200 µg/L TBA, <4 µg/L DIPE, <4 µg/L ETBE, <4 µg/L TAME, <4 µg/L EDB, <4 µg/L 1.2-DCA, <1,500 µg/L ethanol.
[3] Other VOCs (Soil mg/kg after cleanup): MtBE, TBA, DIPE, ETBE, TAME, EDB, 1.2-DCA and EtOH not analyzed.
[4] Other VOCs analyzed (Soil mg/kg before cleanup): MtBE, TBA, DIPE, ETBE, TAME, EDB, 1.2-DCA and EtOH not analyzed.
NA - Not Analyzed

Site History and Description of Corrective Actions:

The site is an active 76-branded service station located on the southwest corner of Martin Luther King Jr. Way and 55th Street in Oakland, California (**Figure 1**). The service station consists of a station building and four dispenser islands with a concrete drive slab and a canopy, three 12,000 gallon gasoline underground storage tanks (USTs), one 1,000 gallon waste-oil UST, and associated piping and dispensers. BP acquired the property from Mobil Oil Corporation on May 1, 1989. The site is currently operated as a Union 76 (ConocoPhillips [CP]) service station. The date of transfer between BP and CP is unknown; however, it occurred sometime before 2004 when CP collected a round of groundwater samples as part of a planned property divestment. The site is located in a mixed commercial/residential area (**Figure 2**). A gas station is located north of the site. A retail strip mall is located east of the site and a residential community is located west of the site.

October 13, 1987, a 6,000-gallon super unleaded, a 8,000-gallon regular unleaded, and a 10,000 gallon unleaded gasoline UST were removed from the site under the oversight of Applied Geosystems. Total petroleum hydrocarbons (TPH) as gasoline (g) was detected at 1.1 mg/kg. Soil sample analytical results are summarized on **Tables A and B** and sample locations are illustrated on **Figure A**. Approximately 150 cubic yards of soil was stockpiled, aerated and subsequently disposed off-site to West Contra Costa County Sanitary Landfill in November, 1987. A UST removal report was not found in ACEH's case file.

In August 1990, the dispensers at the site were removed and replaced. Analytical data with a site map was available in ACEH's case file, however a report summarizing the replacements and subsequent sampling that followed was not available. Soil sample analytical results detected TPH-g and benzene at maximum concentrations of 78 mg/kg and 0.053 mg/kg, respectively, in soil sample SW-1 collected at 14 feet bgs. Soil sample analytical results are summarized on **Table C** and sampling locations are illustrated on **Figure B**.

To determine the extent of contamination in soil and groundwater, BP retained Weiss Associates (Weiss) to conduct a subsurface investigation in October 1990.On October 18, 1990, two borings (BH-A and BH-B) were drilled using a

hollow-stem auger and was completed as groundwater monitoring wells MW-1 and MW-2, respectively. MW-1 is located directly over the former USTs while MW-2 is located immediately southwest of the waste oil tank (**Figure 3**). Both borings were installed to a total depth of 32 feet below ground surface (bgs) with soil samples collected every five feet using a split-barrel sampler lined with brass sleeves. The soil samples were screened using a photo ionization detector (PID) to determine which samples would be submitted for laboratory analysis. Three soil samples (6, 11 and 12.5 feet bgs) were submitted from MW-1 and two soil samples (5 and 10 feet bgs) were submitted from MW-2. All samples were analyzed for TPH-g and benzene, toluene, ethylbenzene and xylenes (BTEX); additionally samples collected from BH-B were analyzed for TPH as diesel (TPH-d), halogenated volatile organic compounds (HVOCs) and total oil and gas (TOG). Results for all analytes at all soil sample locations were below laboratory reporting limits (**Table 1**).

Groundwater samples collected from MW-1 and MW-2 were analyzed for TPH-g and BTEX, while the sample from MW-2 was also analyzed for TPH-d, HVOCs and TOG. Results from MW-1 indicated TPH-g, toluene, ethylbenzene and xylenes were below laboratory reporting limits while benzene was at 2.0 µg/L. Results from MW-2 indicated the following concentrations: TPH-g at 88 µg/L, benzene at 1 µg/L, toluene at 0.3 µg/L, ethylbenzene at 28 µg/L, xylenes at 110 µg/L, HVOCs at 2 µg/L and TOG was below laboratory reporting limits. Analytical results are summarized on **Table 2**.

On October 28, 1992, Alisto Engineering Group (Alisto) advanced two exploratory borings (B-1 and B-2) using a hollow-stem auger rig and were completed as groundwater monitoring wells MW-3 and MW-4, respectively. MW-3 is located north of the existing dispenser islands and MW-4 is located north of the former and existing UST pits (**Figure 3**). Both borings were advanced to 25 feet bgs with two soil samples collected from each boring at 11 and 13 feet bgs using a split-barrel sampler. The soil samples were analyzed for TPH-g and BTEX yielding results from both locations and all depths below laboratory reporting limits for all analytes (**Table 1**). The groundwater results collected from MW-3 and MW-4 also indicated all analytes (TPH-g and BTEX) were below laboratory reporting limits (**Table 2**).

Groundwater monitoring began in October 1990 for wells MW-1 and MW-2 and in November 1992 for wells MW-3 and MW-4 and continued for all four wells until July 1996. All groundwater monitoring halted in July 1996 when Alisto submitted the *Groundwater Monitoring and Sampling Report* (1996) requesting the site be closed and that all sampling would cease until a confirmation letter was received by ACHCS. A one-time groundwater monitoring event was conducted in April 2008; however, MW-3 could not be located at the time of sampling. A one-time sampling event was conducted on all four monitoring wells in April 2010. Groundwater sample analytical results are summarized on **Table 2**.

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 only. If 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.		
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: 0	Number Retained: 4
List Enforcement Actions Taken: None		
List Enforcement Actions Rescinded: ---		

V. ADDITIONAL COMMENTS, DATA, ETC.

Considerations and/or Variances:

None

Conclusion:

Alameda County Environmental Health staff believe that the levels of residual contamination do not pose a significantly threat to water resources, public health and safety, and the environment under the current commercial land use based upon the information available in our files to date. No further investigation or cleanup for the fuel leak case is necessary unless a change in land use to any residential or other conservative land use scenario occurs at the site. ACEH staff recommend closure for the site.

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Paresh Khatri	Title: Hazardous Materials Specialist
Signature: Paresh Khatri	Date: September 3, 2010
Approved by: Donna L. Drogos, P.E.	Title: Division Chief
Signature: Donna L. Drogos	Date: 09/10/10

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: SEPTEMBER 10, 2010	

VIII. MONITORING WELL DECOMMISSIONING

Date Requested by ACEH:	Date of Well Decommissioning Report:	
All Monitoring Wells Decommissioned: YES	Number Decommissioned: 4	Number Retained: 0
Reason Wells Retained: NA		
Additional requirements for submittal of groundwater data from retained wells: None		
ACEH Concurrence - Signature: Paresh Khatri		Date: DEC 3, 2010

Attachments:

1. Site Figures 1-7, A-B
2. Analytical Tables 1-4, A-C
3. Boring Logs (6 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.

Khatri, Paresh, Env. Health

From: Cherie MCcaulou [CMccaulou@waterboards.ca.gov]
Sent: Tuesday, September 14, 2010 9:40 AM
To: Khatri, Paresh, Env. Health
Subject: Re: RO0000241; Closure Summary for BP #11127 (T0600100206)

The Regional Water Board has no objection to ACEH recommendation for closing the case located at 5425 MLK Jr. Way in Oakland. Thank you.

Sincerely,

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

>>> "Khatri, Paresh, Env. Health" <paresh.khatri@acgov.org> 9/10/2010 2:14 PM >>>
Hello Cherie,

Attached is a closure summary for RO0000241; BP #11127 located at 5425 Martin Luther King Jr. Way in Oakland to comply with the RWQCB's 30-day review period. If no comments from the RWQCB are received within the 30-day review period, ACEH's will proceed with case closure.

Please contact me should you have any comments or questions regarding the subject site.

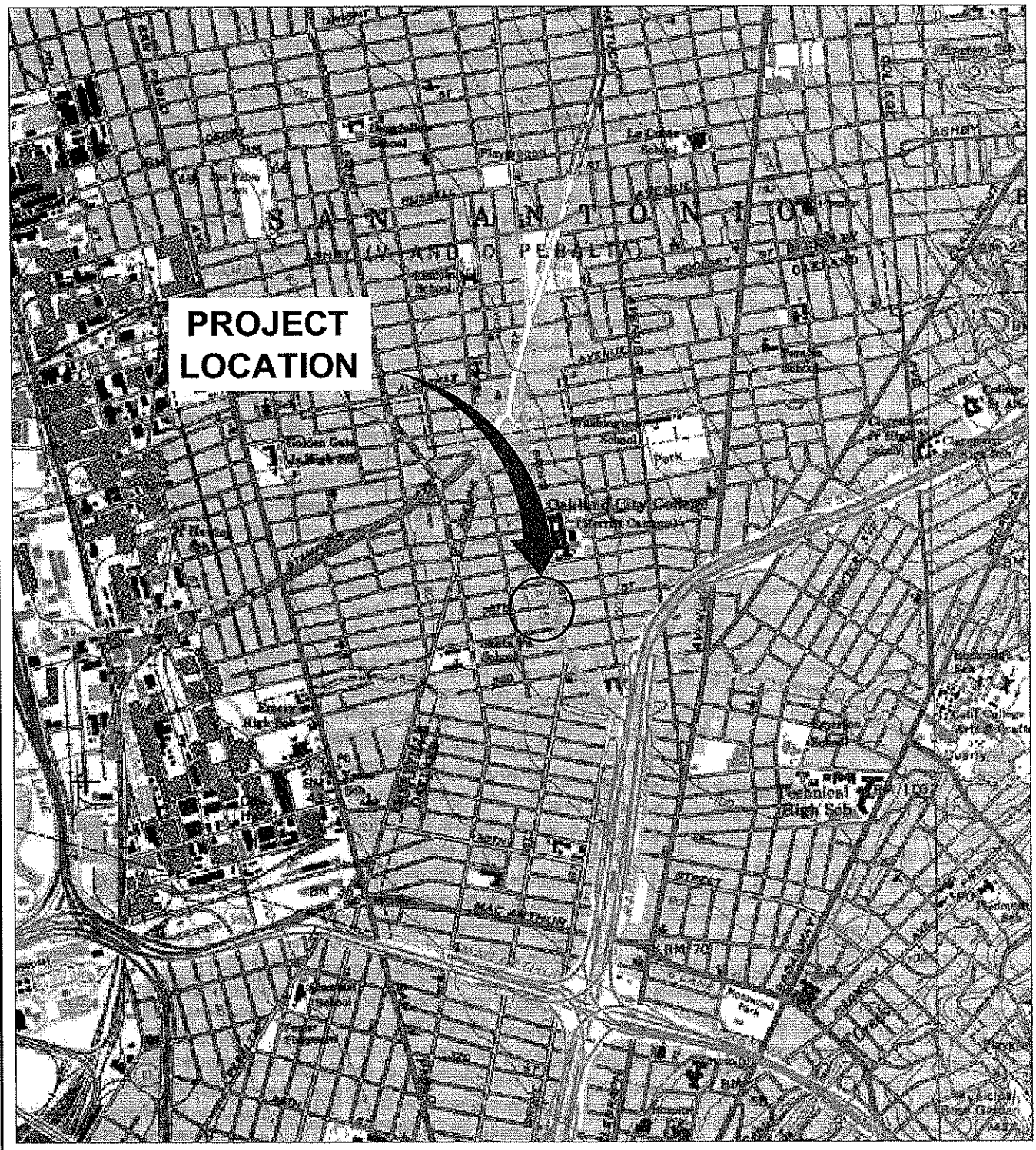
Sincerely,

Paresh C. Khatri
Hazardous Materials Specialist
Alameda County Environmental Health
Local Oversight Program
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

Phone: (510) 777-2478
Fax: (510) 337-9335

E-mail: Paresh.Khatri@acgov.org

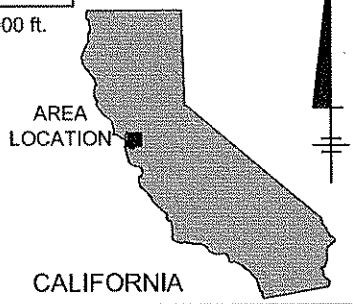
http://www.acgov.org/aceh/lop/lop.htm



REFERENCE: MAP PROVIDED BY BROADBENT & ASSOCIATES, INC DATED 4/03/08

0 2000' 4000'

Approximate Scale: 1 in. = 2000 ft.



FORMER BP SERVICE STATION NO. 11127
5425 MARTIN LUTHER KING JR. WAY
OAKLAND, CALIFORNIA
CASE CLOSURE SUMMARY REPORT

SITE LOCATION MAP

ARCADIS

FIGURE 1

0 200' 400'

Approximate Scale: 1 in. = 200 ft.

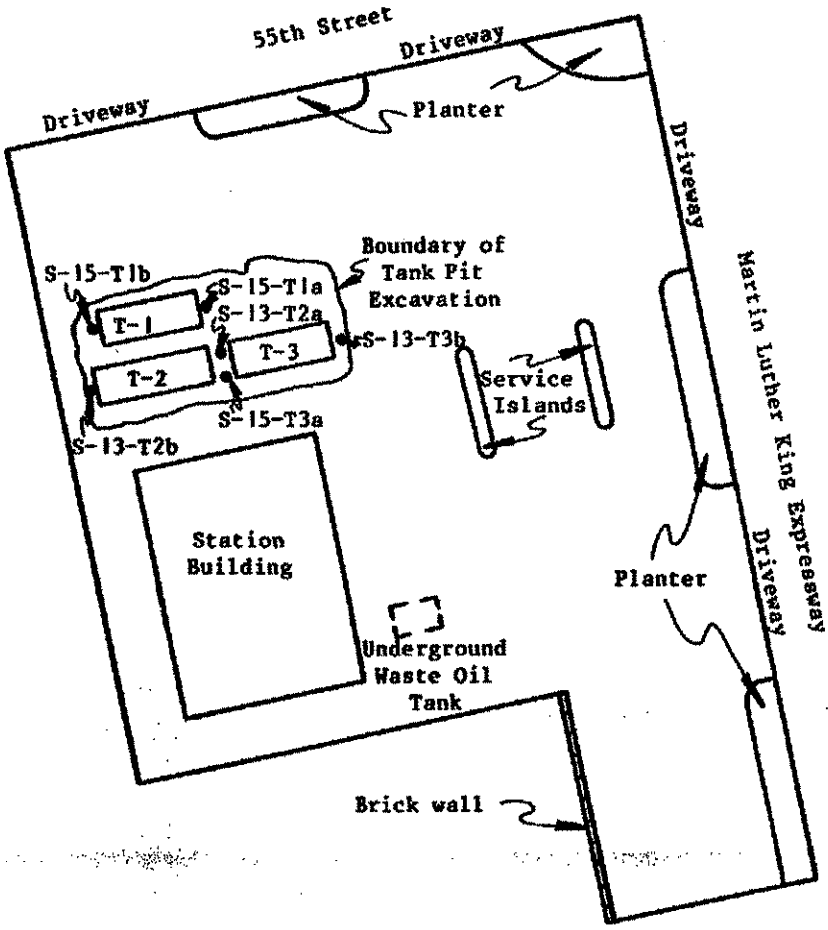
FORMER BP SERVICE STATION NO. 11127
5425 MARTIN LUTHER KING JR. WAY
OAKLAND, CALIFORNIA

CASE CLOSURE SUMMARY REPORT

SITE VICINITY MAP

ARCADIS

FIGURE
2



Source: Measured by Tape and Compass

● = Soil Sample Location

Approximate Scale

30 15 0 30 60

feet

Applied Geosystems

PROJECT NO. 87117-1

GENERALIZED SITE PLAN
Mobil Station No. 10-LVW
5425 Grove Street
Oakland, California

PLATE

A

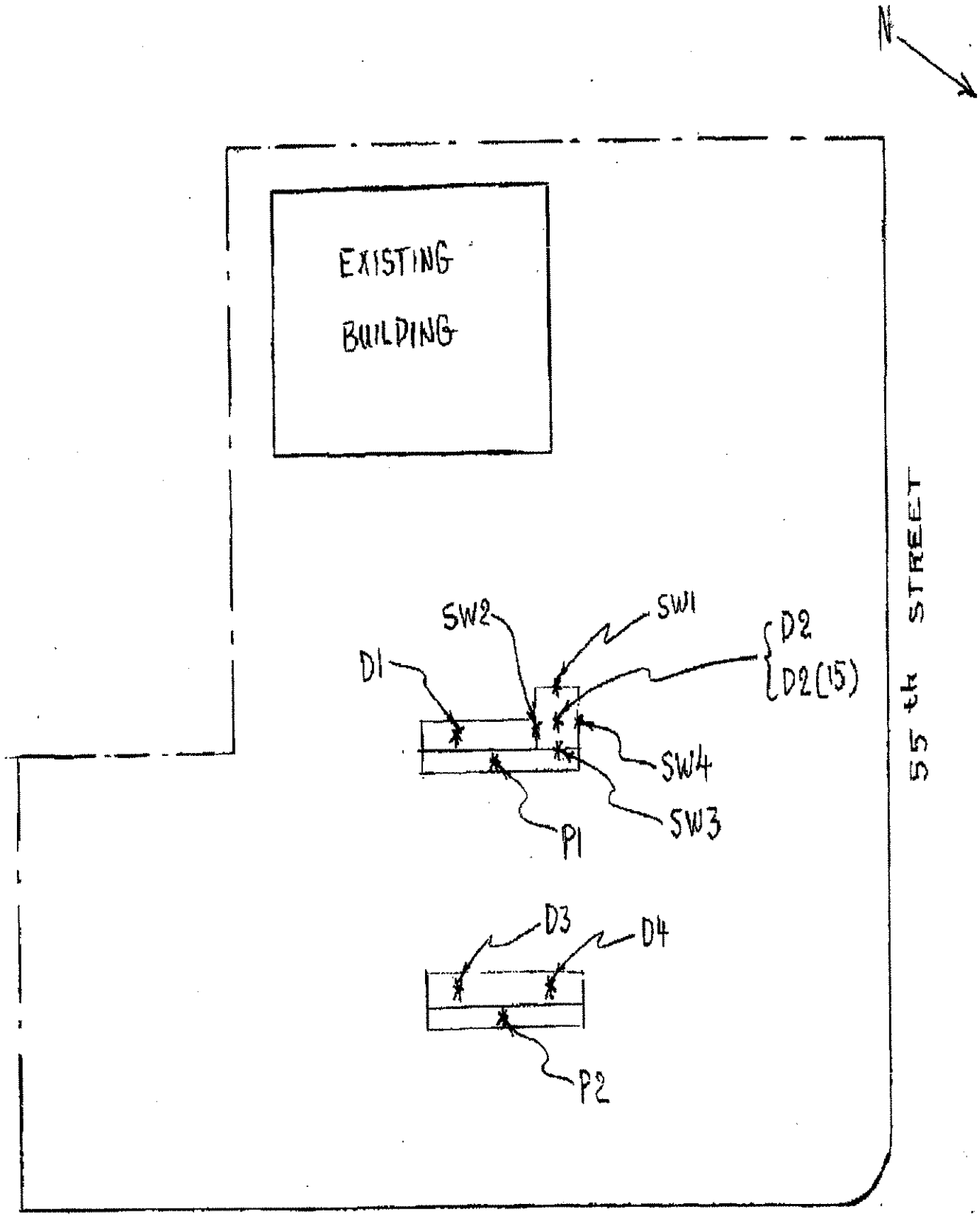
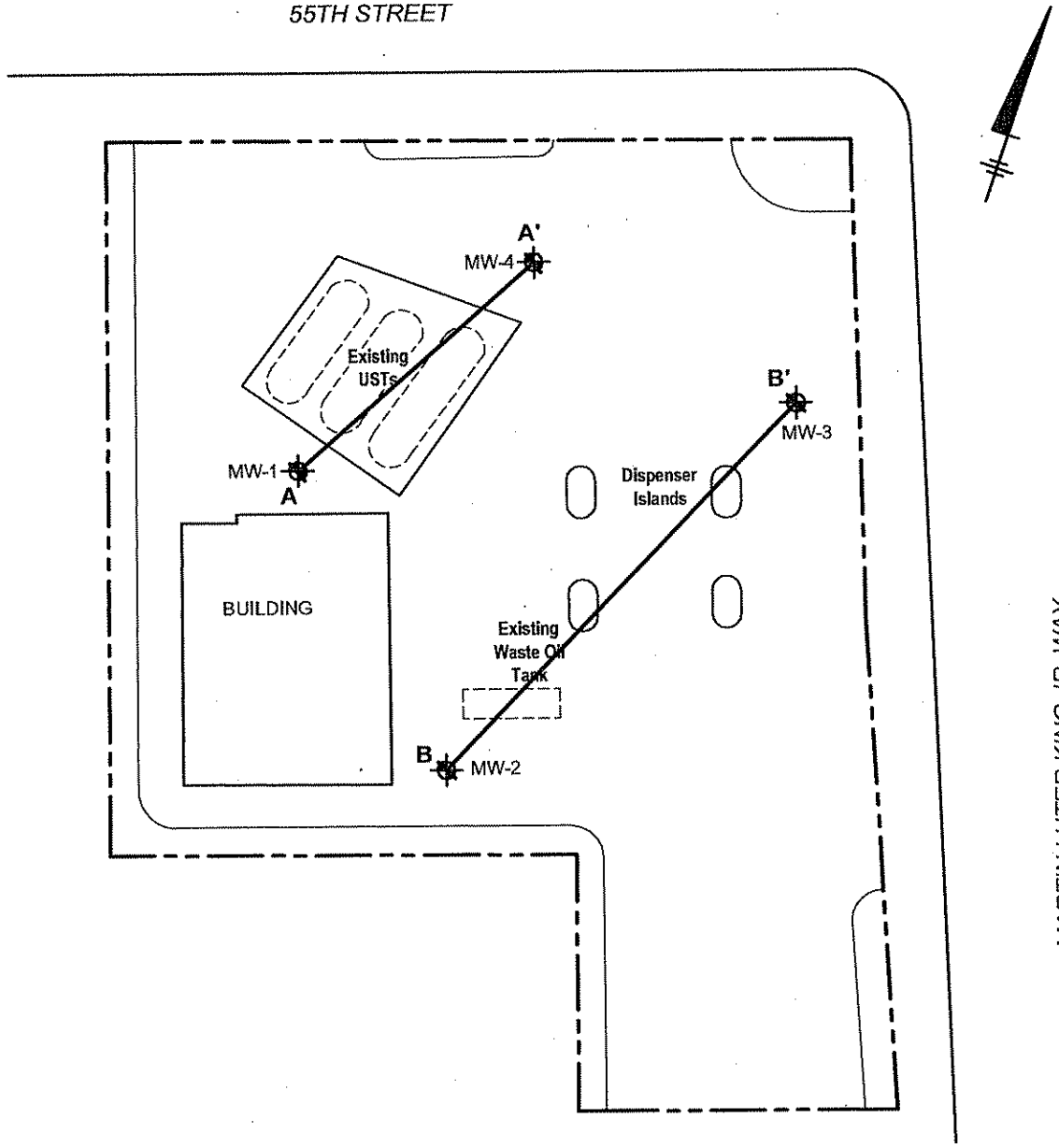

N
EXISTING
BUILDING
SW2
SW1
D2
D2(15)
D1
SW4
SW3
P1
D3
D4
P2
55 th STREET
MARTIN LUTHER KING, JR. BLVD.

Figure B



LEGEND:

MW-1 GROUNDWATER MONITORING WELL

B B' CROSS SECTION LOCATION

0 30' 60'

Approximate Scale: 1 in. = 30 ft.

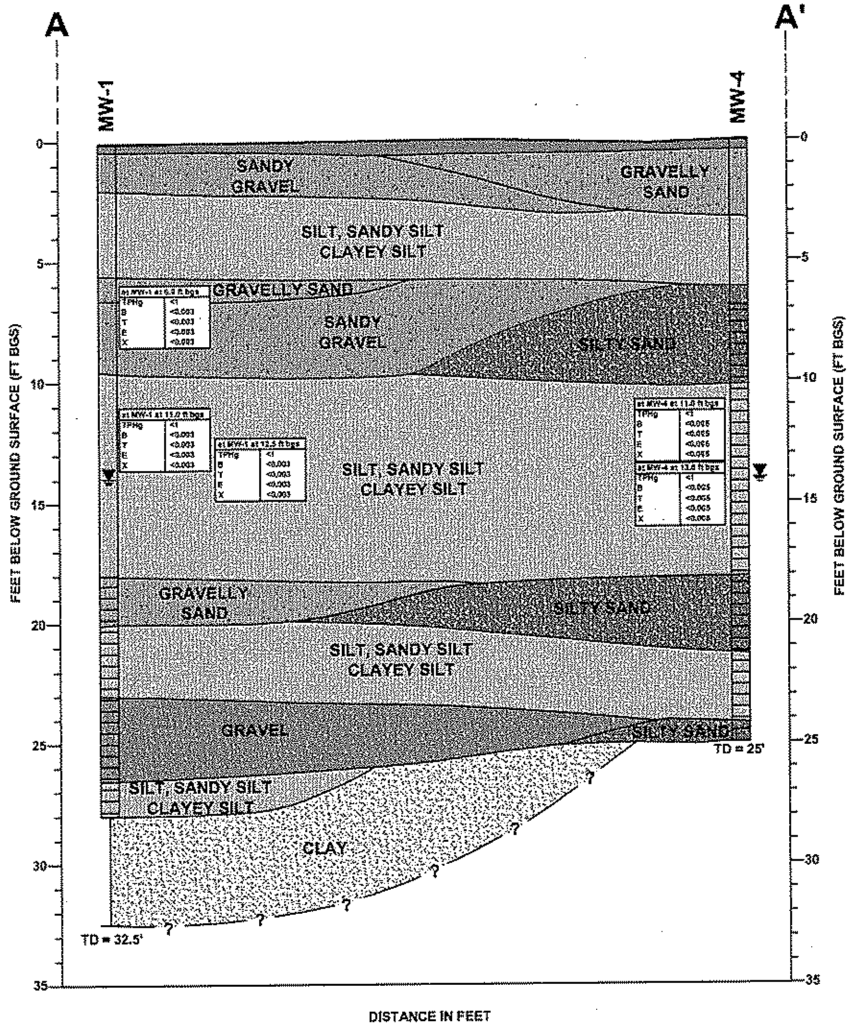
NOTE: SITE MAP ADAPTED FROM BROADBEMT & ASSOCIATES, INC. DATED 4/3/08. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

FORMER BP SERVICE STATION NO. 11127
5425 MARTIN IUTHER kING JR. WAY
OAKLAND, CALIFORNIA
CASE CLOSURE SUMMARY REPORT

SITE MAP WITH HISTORICAL SOIL BORING AND CROSS SECTION LOCATIONS

ARCADIS

FIGURE 3



LEGEND

- CLAY (CH)
- SILT, SANDY SILT, CLAYEY SILT (ML)
- SILTY SAND (SM)
- GRAVELLY SAND (SW)
- SANDY GRAVEL (GW)
- GRAVEL (GP)
- ASPHALT
- —?— CONTACT INFERRED
- WELL SCREEN
- TD TOTAL DEPTH
- WATER LEVEL DURRING DRILLING

TPHg	TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
B	BENZENE
T	TOLUENE
E	ETHYLBENZENE
X	XYLENE

0 5' 10'
VERTICAL SCALE

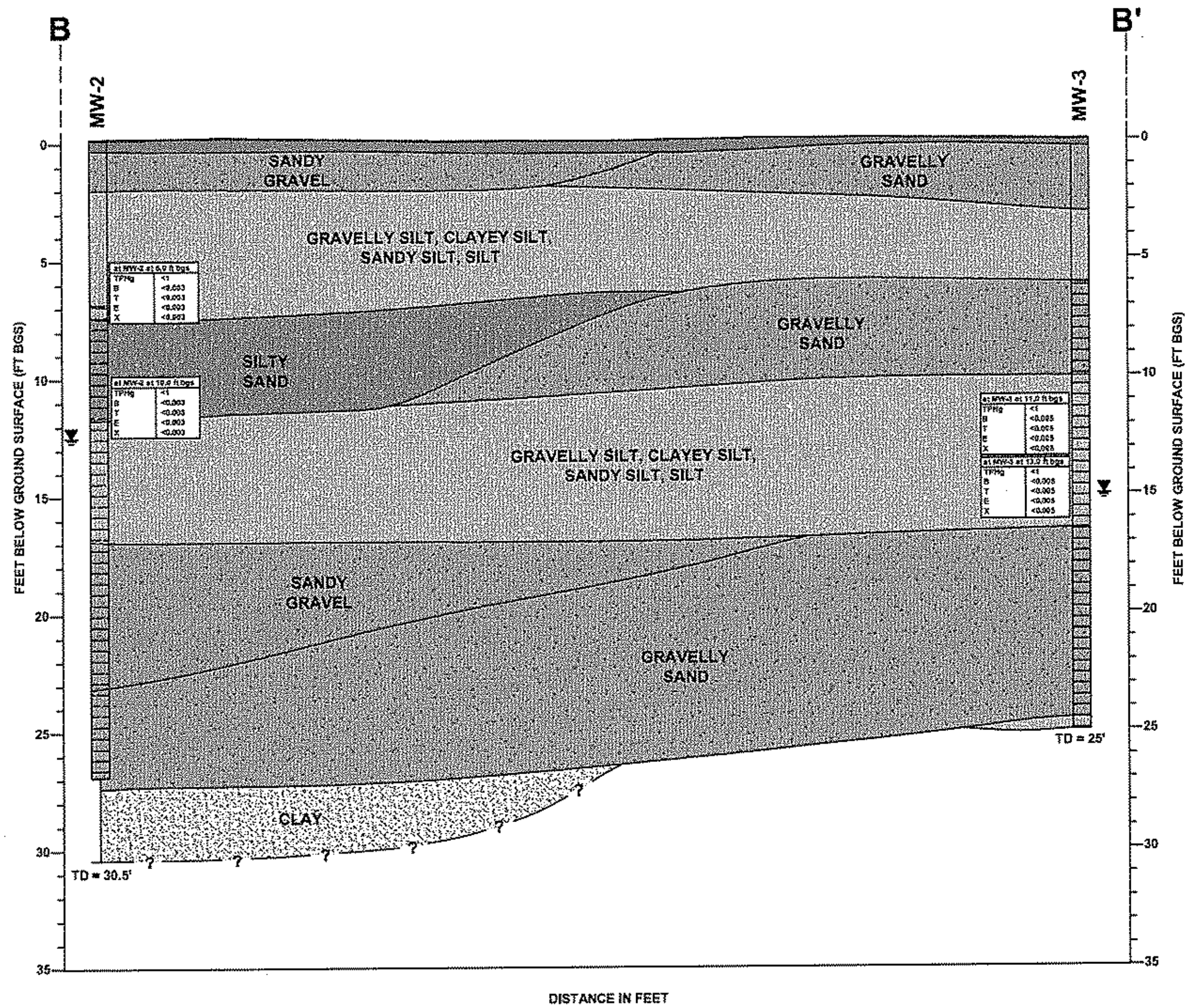
0 10' 20'
HORIZONTAL SCALE

FORMER BP STATION #11127
5425 MARTIN LUTHER KING, JR. WAY
OAKLAND, CALIFORNIA
CASE CLOSURE SUMMARY REPORT

GEOLOGIC CROSS SECTION A-A'

ARCADIS

FIGURE
4



LEGEND

- CLAY (CH)
- GRAVELLY SILT, CLAYEY SILT, SANDY SILT, SILT (ML)
- SILTY SAND (SW)
- GRAVELLY SAND (SW)
- SANDY GRAVEL (GW)
- ASPHALT
- —?— CONTACT INFERRED
- WELL SCREEN
- TD TOTAL DEPTH
- WATER LEVEL DURRING DRILLING

TPHg TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
B BENZENE
T TOLUENE
E ETHYLBENZENE
X XYLENE

0 5' 10'
VERTICAL SCALE

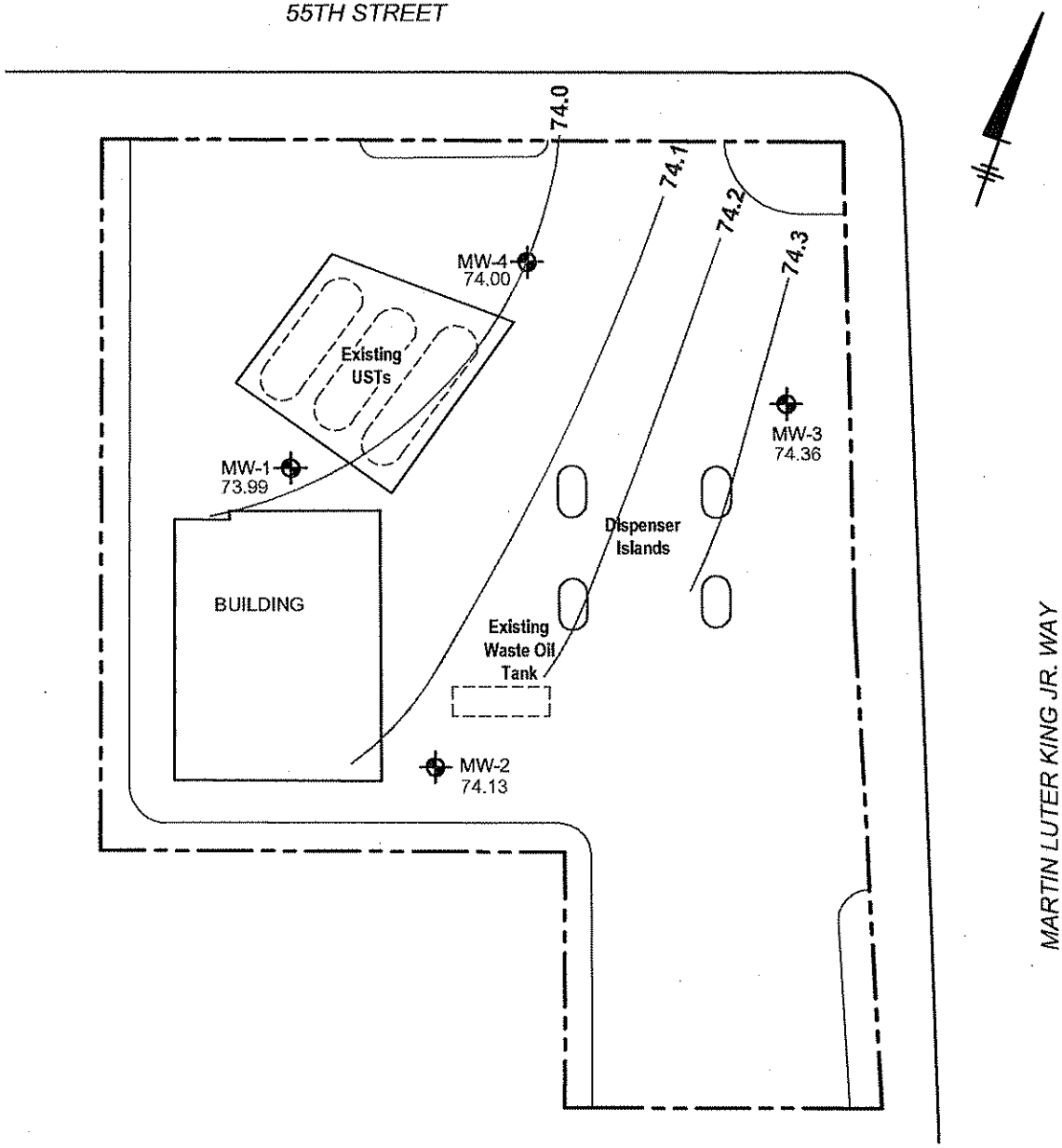
0 10' 20'
HORIZONTAL SCALE

FORMER BP STATION #11127
5425 MARTIN LUTHER KING, JR. WAY
OAKLAND, CALIFORNIA
CASE CLOSURE SUMMARY REPORT

GEOLOGIC CROSS SECTION B-B'

ARCADIS

FIGURE
5



LEGEND:

MW-1 — GROUNDWATER MONITORING WELL

74.2 — GROUNDWATER ELEVATION CONTOUR INTERVAL 0.1 FEET

73.99 — GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (FT AMSL)

0 30' 60'

Approximate Scale: 1 in. = 30 ft.

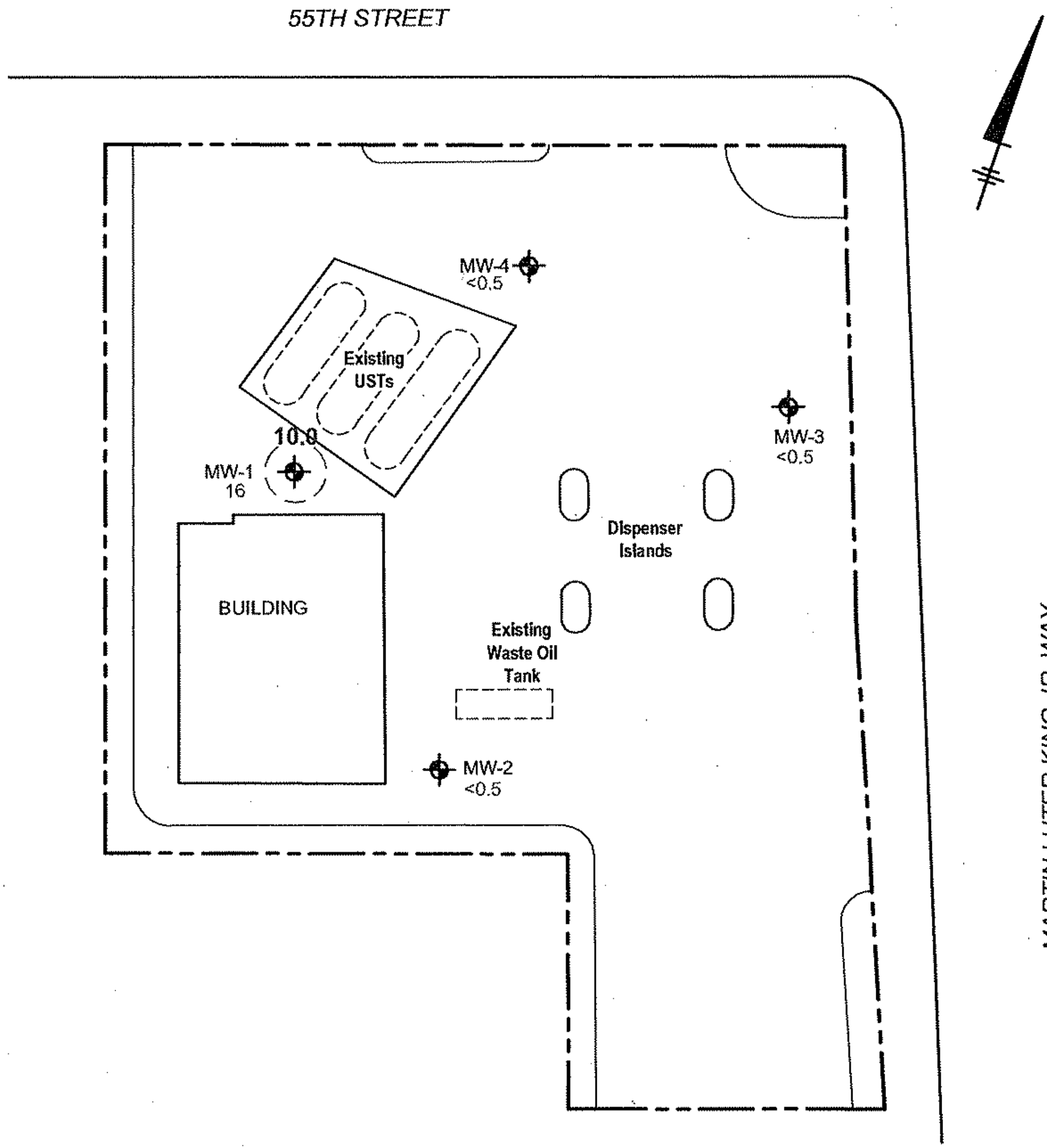
NOTE: SITE MAP ADAPTED FROM BROADBEMT & ASSOCIATES, INC. DATED 4/3/08. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

FORMER BP SERVICE STATION NO. 11127
5425 MARTIN IUTHER kING JR. WAY
OAKLAND, CALIFORNIA
CASE CLOSURE SUMMARY REPORT

APRIL 2010 POTIOMETRIC SURFAC E CONTOURS

ARCADIS

FIGURE
6



LEGEND:

MW-1 GROUNDWATER MONITORING WELL

10 METHYL TERTIARY BUTYL ETHER (MTBE) ISOCONCENTRATION CONTOUR (10 μg/L)

16 MTBE CONCENTRATION IN MICROGRAMS PER LITER (μg/L)

0 30' 60'

Approximate Scale: 1 in. = 30 ft.

FORMER BP SERVICE STATION NO. 11127
5425 MARTIN lUTHER kING JR. WAY
OAKLAND, CALIFORNIA
CASE CLOSURE SUMMARY REPORT

MTBE ISOCONCENTRATION CONTOURS (APRIL 2010)

ARCADIS

FIGURE
7

NOTE: SITE MAP ADAPTED FROM BROADBEMT & ASSOCIATES, INC. DATED 4/3/08. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

Table A

LABORATORY RESULTS ON SOIL SAMPLES
From Gasoline Tank Pit
Collected at Mobil Service Station No. 10LVW
Oakland, California

Identifier	Total Volatile Hydrocarbons	Detection Limit
S-15-T1a	ND	0.8
S-15-T1b	1.1	0.8
S-13-T2a	ND	0.8
S-13-T2b	1.1	0.8
S-15-T3a	ND	0.8
S-13-T3b	ND	0.8

Note: All results in parts per million (ppm)
TVH: Total Volatile Hydrocarbons
ND: Non-detectable or less than the detection limit of the laboratory method

Key: S-13-T3b

- S = Soil
- 13 = Collected at 13 feet
- T3b = Tank 3, sample b

Table B

**Laboratory Results on Soil Samples
Collected 10/26/87 from Soil at
Mobil Station 10-LVW, Oakland, California**

Identifier	TPH	Detection Limit
S-1026-1(ABC)	ND	5
S-1026-2(ABC)	ND	5
S-1026-3(ABC)	82	5
S-1026-4(ABC)	[illegible]	5

Note: All results presented in parts per million (ppm)
TPH: Total Petroleum Hydrocarbons

Key: S-1026-1(ABC)

- = Sample 1A, 1B, and 1C (composited)
- = Date collected (October 26)
- = Soil

**Laboratory Results on Soil Samples
Collected 11/2/87 from Aerated Soil
Mobil Station No. 10-LVW, Oakland, California**

Identifier	TPH	Detection Limit
S-1102-1(ABC)	34	5
S-1102-2(ABC)	20	5
S-1102-3(ABC)	ND	5

Note: All results presented in parts per million (ppm)
TPH: Total Petroleum Hydrocarbons

Key: S-1102-1(ABC)

- = Sample 1A, 1B, and 1C (composited)
- = Date collected (November 2)
- = Soil

Table C: Soil Sample Analytical Results from Dispenser Upgrades (mg/kg)

Sample ID	Date	Sample Depth	TPH-g	Benzene	Toluene	Ethyl benzene	Xylenes	Lead
D1	8/9/1990	3	<1.0	0.023	0.11	<0.005	0.016	4.8
D2	8/9/1990	3	<1.0	<0.005	0.0099	<0.005	<0.005	4.7
D3	8/9/1990	3	<1.0	0.0094	0.036	0.0064	0.036	4.8
D4	8/9/1990	3	<1.0	<0.005	0.013	<0.005	0.029	8.7
P1	8/9/1990	3	3.1	0.021	0.10	0.063	0.17	5.8
P2	8/9/1990	3	<1.0	<0.005	0.029	<0.005	0.016	4.9
D2 (15)	8/9/1990	15	74	<0.005	0.051	0.44	0.14	8.4
SW1	8/9/1990	14	78	0.053	0.17	0.35	0.30	5.3
SW2	8/9/1990	14	23	0.0084	0.031	0.010	0.071	4.4
SW3	8/9/1990	14	35	0.0090	0.031	0.014	0.31	5.0
SW4	8/9/1990	14	2.9	<0.005	0.019	0.066	0.065	6.1

Table 1: Historical Soil Results
BP # 11127
5425 Martin Luther King Jr. Way, Oakland, CA
Local Case # RO0000241

Location	Sample Depth (ft bgs)	Sample Date	TPHg		TPHd		Benzene		Toulene		Ethylbenzene		Xylene		HVOCs		TOG	
BH-A (MW-1)	6.0	10/18/1990	<1	mg/kg	--	--	<0.003	mg/kg	<0.003	mg/kg	<0.003	mg/kg	<0.003	mg/kg	--	--	--	--
BH-A (MW-1)	11.0	10/18/1990	<1	mg/kg	--	--	<0.003	mg/kg	<0.003	mg/kg	<0.003	mg/kg	<0.003	mg/kg	--	--	--	--
BH-A (MW-1)	12.5	10/18/1990	<1	mg/kg	--	--	<0.003	mg/kg	<0.003	mg/kg	<0.003	mg/kg	<0.003	mg/kg	--	--	--	--
BH-B (MW-2)	5.0	10/18/1990	<1	mg/kg	<10	mg/kg	<0.003	mg/kg	<0.003	mg/kg	<0.003	mg/kg	<0.003	mg/kg	ND	mg/kg	<20	mg/kg
BH-B (MW-2)	10.0	10/18/1990	<1	mg/kg	<10	mg/kg	<0.003	mg/kg	<0.003	mg/kg	<0.003	mg/kg	<0.003	mg/kg	ND	mg/kg	<20	mg/kg
B-1 (MW-3)	11.0	10/28/1992	<1	mg/kg	--	--	<0.005	mg/kg	<0.005	mg/kg	<0.005	mg/kg	<0.005	mg/kg	--	--	--	--
B-1 (MW-3)	13.0	10/28/1992	<1	mg/kg	--	--	<0.005	mg/kg	<0.005	mg/kg	<0.005	mg/kg	<0.005	mg/kg	--	--	--	--
B-2 (MW-4)	11.0	10/28/1992	<1	mg/kg	--	--	<0.005	mg/kg	<0.005	mg/kg	<0.005	mg/kg	<0.005	mg/kg	--	--	--	--
B-2 (MW-4)	13.0	10/28/1992	<1	mg/kg	--	--	<0.005	mg/kg	<0.005	mg/kg	<0.005	mg/kg	<0.005	mg/kg	--	--	--	--

Notes:
ft bgs = feet below ground surface
mg/kg = milligrams per kilogram
HVOCs = Halogenated Volatile Organic Compounds
ND = Not detected at detection limits ranging from 0.005 to 0.01
TOG = Total Oil and Gas
TPHg = Total Petroleum Hydrocarbons as Gasoline
TPHd = Total Petroleum Hydrocarbons as Diesel
< = Analyte was not detected above the specified method reporting limit
-- = Not Analyzed

Table 2: Historical Groundwater Results
BP # 11127
5425 Martin Luther King Jr. Way, Oakland, CA
Local Case # RO0000241

Location	Sample Date	TOC Elevation	DTW (ft btoc)	Product Thickness (ft)	Water Level Elevation	TPHg	TPHd	Benzene	Toulene	Ethylbenzene	Xylenes	MTBE	HVOCs	Oil & Grease	TBA	DIPE	ETBE	TAME	Ethanol	1,2-DCA	EDB	1,1-DCA	1,1-DCE	1,1,1-TCA	PCE	Chloroform
						µg/L																				
MW-1	24-Oct-90	82.35	10.85	--	71.50	<50	--	2.0	<0.3	<0.3	<0.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	29-Aug-91	82.35	10.54	--	71.81	<50	--	<0.3	<0.3	<0.3	<0.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	20-Nov-91	82.35	10.24	--	72.11	55	--	<0.3	<0.3	<0.3	<0.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	28-Feb-92	82.35	8.17	--	74.18	400	--	6.7	0.7	11	170	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	08-Jun-92	82.35	10.25	--	72.10	250	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	--
MW-1	03-Sep-92	82.35	10.68	--	71.67	160	--	1.2	3.8	1.7	5.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	12-Nov-92	82.35	10.22	sheen	72.13	<50	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	05-Feb-93	82.35	8.77	--	73.58	<50	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	16-Aug-93	82.35	10.25	--	72.10	300	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	14-Mar-94	82.35	9.53	--	72.82	130	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	15-Dec-94	82.35	7.88	--	74.47	--	--	--	999 [1]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	06-Jul-95	82.35	10.84	--	71.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	17-Jan-96	82.35	9.46	--	72.89	--	--	--	--	--	999 [1]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	19-Jan-96	82.35	--	--	--	410	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	23-Jul-96	82.35	10.1	--	72.25	<50	--	<1	<1	<1	<1	480	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	24-Feb-04	82.35	6.56		75.79	--	--	<1	<1	<1	<2	280	--	--	<200	<4	<4	<4	<1,000	<4	<4	--	--	--	--	--
MW-1	29-Apr-08	--	9.22	--	--	1,700	--	<2.5	<2.5	<2.5	<2.5	330	--	--	<50	<2.5	<2.5	<2.5	<1,500	<2.5	<2.5	<2.5	--	--	--	--
MW-1	20-Apr-10	82.35	8.36	--	73.99	<50	--	<0.5	<0.5	<0.5	<1	16	--	--	<4	<0.5	<0.5	<0.5	<100	<0.5	<0.5	--	--	--	--	--
MW-2	24-Oct-90	83.49	11.84	--	71.65	88	170	1	0	28	110	--	2	<5,000	--	--	--	--	--	<555	--	--	--	--	--	--
MW-2	29-Aug-91	83.49	11.56	--	71.93	950	66	<0.3	<0.3	17	50	--	--	--	--	--	--	--	--	0.8	--	ND	ND	ND	ND	--
MW-2	20-Nov-91	83.49	11.25	--	72.24	1,400	<50	0.3	<0.3	32	90	--	--	--	--	--	--	--	--	<555	--	ND	ND	0.7	ND	--
MW-2	28-Feb-92	83.49	9.02	--	74.47	2,300	70	4.2	1.8	47	360	--	--	--	--	--	--	--	--	<0.5	--	ND	ND	4.1	ND	--
MW-2	08-Jun-92	83.49	11.37	--	72.12	470	--	<0.5	<0.5	7.7	12	--	--	--	--	--	--	--	--	<0.5	--	6.6	<0.5	4.2	<0.5	--
MW-2	03-Sep-92	83.49	11.81	--	71.68	530	--	1.6	3.5	23	46	--	--	--	--	--	--	--	--	<0.5	--	<0.5	<0.5	<0.5	<0.5	--
MW-2	12-Nov-92	83.48	11.27	--	72.21	250	88	<0.5	<0.5	5	10	--	--	<5,000	--	--	--	--	--	0.5	--	<0.5	<0.5	<0.5	<0.5	--
MW-2	05-Feb-93	83.48	9.85	--	73.63	330	<50	0.7	<0.5	3.6	15	--	--	--	--	--	--	--	--	0.9	--	<0.5	<0.5	8.3	<0.5	--
MW-2	16-Aug-93	83.48	11.33	--	72.15	270	--	<0.5	<0.5	<0.5	19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	14-Mar-94	83.48	10.8	--	72.68	<50	<50	<0.5	<0.5	0.6	3.1	--	--	<5,000	--	--	--	--	--	0.7	--	0.8	ND	1.3	ND	--
MW-2	15-Dec-94	83.48	8.66	--	74.82	79	<50	<0.5	0.6	1.3	1.6	--	--	<5,000	--	--	--	--	--	<0.5	--	<0.5	<0.5	4.8	<0.5	2.3
MW-2	06-Jul-95	83.48	11.12	--	72.36	120	160	<0.5	<0.5	0.52	<1	--	--	<50	--	--	--	--	--	0.24	--	0.28	ND	0.47	ND	<0.2
MW-2	17-Jan-96	83.48	9.76	--	73.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	19-Jan-96	83.48	--	--	--	<50	<50	<0.5	<0.5	<0.5	<1	<5	--	200	--	--	--	--	--	<0.2	--	1.3	0.65	18	0.4	<0.2
MW-2	23-Jul-96	83.48	11.31	--	72.17	<50	<50	<0.5	<1	<1	<1	18	--	<500	--	--	--	--	--	<1	--	<1	<1	<1	<1	<1
MW-2	24-Feb-04	83.48	6.9	--	76.58			<0.5	<0.5	4.7	2.6	<2	--	--	<100	<2	<2	<2	<500	<2	<2	--	--	--	--	--
MW-2	29-Apr-08	--	10.4	--	--	110	--	<0.5	<0.50	1.5	<0.5	3.1	--	--	<10	<0.5	<0.5	<0.5	<300	<0.5	<0.5	--	--	--	--	--
MW-2	20-Apr-10	83.48	9.35	--	74.13	<50	--	<0.5	<0.5	<0.5	<1	<0.5	--	--	<4	<0.5	<0.5	<0.5	<100	<0.5	<0.5	--	--	--	--	--

Table 2: Historical Groundwater Results
BP # 11127
5425 Martin Luther King Jr. Way, Oakland, CA
Local Case # RO0000241

Location	Sample Date	TOC Elevation	DTW (ft btoc)	Product Thickness (ft)	Water Level Elevation	TPHg	TPHd	Benzene	Toulene	Ethylbenzene	Xylenes	MTBE	HVOCs	Oil & Grease	TBA	DIPE	ETBE	TAME	Ethanol	1,2-DCA	EDB	1,1-DCA	1,1-DCE	1,1,1-TCA	PCE	Chloroform
						µg/L																				
MW-3	12-Nov-92	84.96	12.24	--	72.72	<50	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	05-Feb-93	84.96	10.95	--	74.01	<50	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	16-Aug-93	84.96	12.46	--	72.5	<50	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	14-Mar-94	84.96	11.61	--	73.35	<50	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	15-Dec-94	84.96	10.08	--	74.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	06-Jul-95	84.96	11.93	--	73.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	17-Jan-96	84.96	10.54	--	74.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	19-Jan-96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	23-Jul-96	84.96	11.54	--	73.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	20-Apr-10	84.96	10.6	--	74.36	<50	--	<0.5	<0.5	<0.5	<1	<0.5	--	--	<4	<0.5	<0.5	<0.5	<0.5	<100	<0.5	<0.5	--	--	--	--
MW-4	12-Nov-92	82.7	10.44	--	72.26	<50	--	<0.5	<0.5	<0.5	<0.5		--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	05-Feb-93	82.7	9.14	--	73.56	92	--	0.7	<0.5	<0.5	1.2		--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	16-Aug-93	82.7	10.57	--	72.13	<50	--	<0.5	<0.5	<0.5	<0.5		--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	14-Mar-94	82.7	9.7	--	73	220	--	<0.5	<0.5	<0.5	<0.5		--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	15-Dec-94	82.7	8.39	--	74.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	06-Jul-95	82.7	10.03	--	72.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	17-Jan-96	82.7	8.67	--	74.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	19-Jan-96	--	--	--	--	71	--	2.6	<0.5	<0.5	<1	170	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	23-Jul-96	82.7	10.27	--	72.43	<50	--	<0.5	<0.5	<0.5	<0.5	<10	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	24-Feb-04	82.7	7.11	--	75.59	--	--	<0.5	<0.5	<0.5	<1	<2	--	--	<100	<2	<2	<2	<500	<2	<2	--	--	--	--	--
MW-4	29-Apr-08	--	9.75	--	--	<50	--	<0.5	<0.5	<0.5	<0.5	0.52	--	--	<10	<0.5	<0.5	<0.5	<300	<0.5	<0.5	--	--	--	--	--
MW-4	20-Apr-10	82.7	8.7	--	74.0	<50	--	<0.5	<0.5	<0.5	<1	<0.5	--	--	<4	<0.5	<0.5	<0.5	<100	<0.5	<0.5	--	--	--	--	--

Notes:
All volatile organic compounds analyzed using EPA Method 8260B.
1,2-DCA = 1,2-Dichloroethane
DIPE = Di-isopropyl ether
DTW = Depth to water (ft below top of casing)
EDB = 1,2-Dibromoethane
ETBE = Ethyl tert-butyl ether
ft amsl = feet above mean sea level
ft btoc = Feet below top of casing (surveyed)
HVOCs = Halogenated volatile organic compounds
MTBE = Methyl tert-butyl ether
TAME = Tert-amyl methyl ether
TBA = Tert-butyl alcohol
TPHg = Total Petroleum Hydrocarbons as Gasoline
µg/L = Micrograms per liter
< = Analyte was not detected above the specified method reporting limit
-- = Not measured or analyzed
[1] = data is suspect, believed to be a non-detect result; however the lab report did not state as ND

Table 3: Historical Groundwater Flow Direction and Gradient
BP # 11127
5425 Martin Luther King Jr. Way, Oakland, CA
Local Case # RO0000241

Sample Date	Approximate Flow Direction	Approximate Hydraulic Gradient (ft/ft)
11/12/1992	East	0.007
8/23/1996	Northwest	0.24
4/29/2008	North-northeast	0.003
4/20/2010	East	0.007

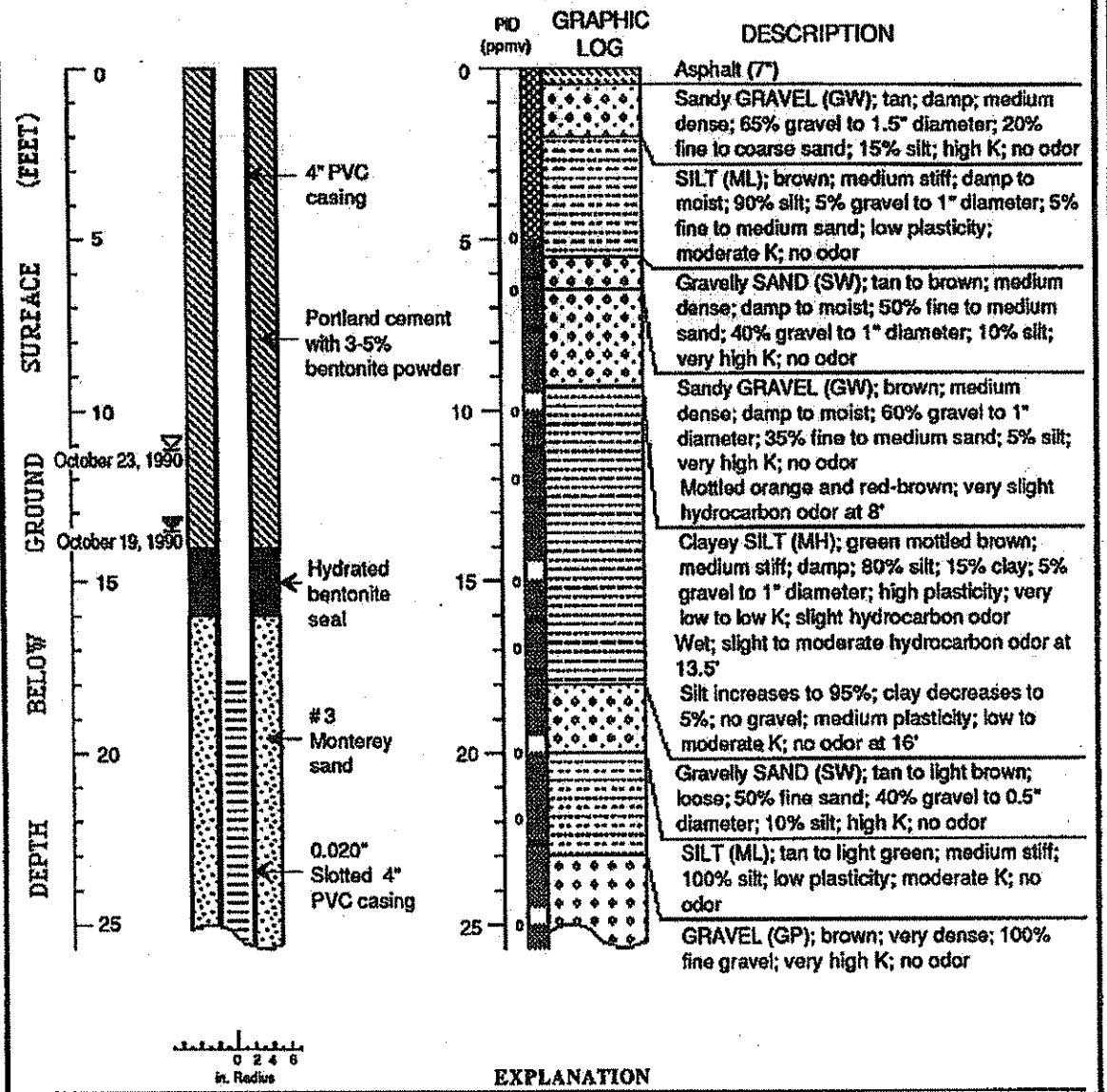
Note:
ft/ft = foot per foot

Table 4: Most Recent Maximum Concentration of Contaminants Detected in Soil and Groundwater
BP Station # 11127
5425 Martin Luther King Jr. Way, Emeryville, California
Local Case # RO0000241

Analyte	Soil [1]							Groundwater [2]					
	Most Recent Concentration Observed (mg/kg)	Sample Depth (feet bgs)	Sample Date	Maximum Concentration Observed (mg/kg)	Sample Depth (feet bgs)	Sample Date	Soil Direct Contact Commercial ESL [3] (mg/kg)	Most Recent Concentration Observed (µg/L)	Sample Date	Maximum Concentration Observed (µg/L)	Sample Date	Maximum Contaminant Level [3] (µg/L)	Protection on Indoor Air Commerical ESL (µg/L)
TPHg	NA	--	--	<1	6	10/18/1990	450	<50	4/20/2010	2,300	2/28/1992	NA	NA
Benzene	NA	--	--	<0.003	6	10/18/1990	0.27	<0.5	4/20/2010	6.7	2/28/1992	1	1,800
Toluene	NA	--	--	<0.003	6	10/18/1990	210	<0.5	4/20/2010	3.8	9/3/1992	150	530,000
Ethylbenzene	NA	--	--	<0.003	6	10/18/1990	5	<0.5	4/20/2010	47	2/28/1992	300	170,000
Xylenes	NA	--	--	<0.003	6	10/18/1990	100	<1	4/20/2010	360	2/28/1992	1800	170,000
MTBE	NA	--	--	--	--	--	65	16	4/20/2010	480	7/23/1996	13	80,000
TPHd	NA	--	--	<10	6	10/18/1990	450	<50	7/23/1996	170	10/24/1990	NA	NA

Notes:
[1] Soil results are reported from the vadose zone, which does not exceed 12 feet bgs.
[2] ESL values were taken from *Table K-2 – Direct Exposure Soil Screening Levels Commercial/Industrial Worker Exposure Scenario* , Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater (Water Board 2008).
[3] MCL values were taken from *Table F-3 – Summary of Drinking Water Screening Levels (µg/L),* Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater (Water Board 2008).
bgs = Below ground surface.
Bold = Exceedances of commercial ESL.
ESL = Environmental screening level.
mg/kg = Milligrams per kilogram.
MTBE = Methyl tert-butyl ether.
NA = Not applicable.
-- = Not Analyzed
TPHd = Total petroleum hydrocarbons as diesel.
TPHg = Total petroleum hydrocarbons as gasoline.

WELL MW-1 (BH-A)



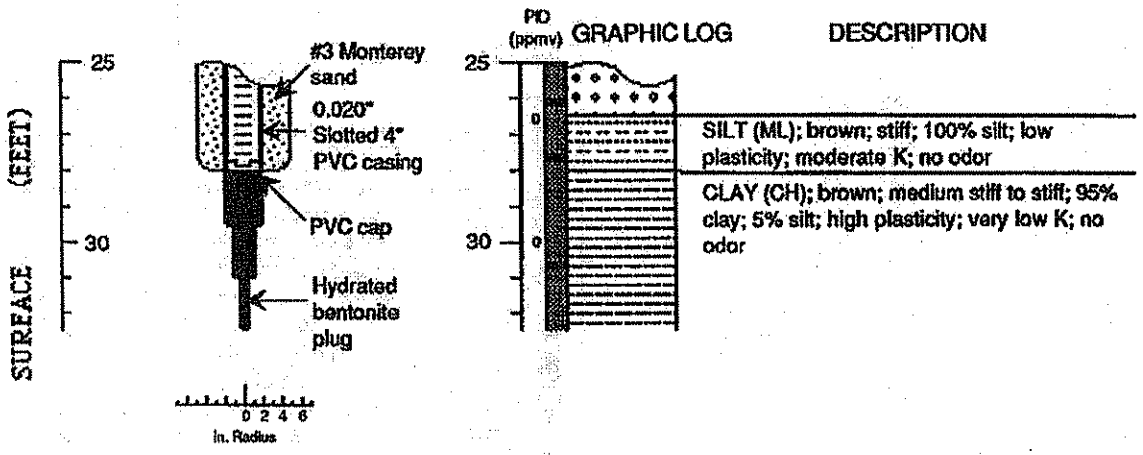
EXPLANATION

- Water level during drilling (date)
- Water level (date)
- Contact (dotted where approx.)
- Uncertain contact
- Gradational contact
- Location of recovered drive sample
- Location of drive sample sealed for chemical analysis
- Cutting sample
- K = Estimated hydraulic conductivity

Logged by:	Robert Kitay
Supervisor:	Joseph Theisen; RG 4981
Drilling Company:	Soils Exploration Services, Vacaville, CA
License Number:	C57-582696
Driller:	Rick Carr
Drilling Method:	Hollow stem auger
Date Drilled:	October 18, 1990
Well Head Completion:	4" locking well-plug with traffic-rated vaul
Type of Sampler:	Split barrel (1.5", 2", 2.5" ID)
Ground Surface Elevation:	83.12 feet above mean sea level

Boring Log and Well Construction Details - Well MW-1 (BH-A) BP Service Station #11127 Oakland, California

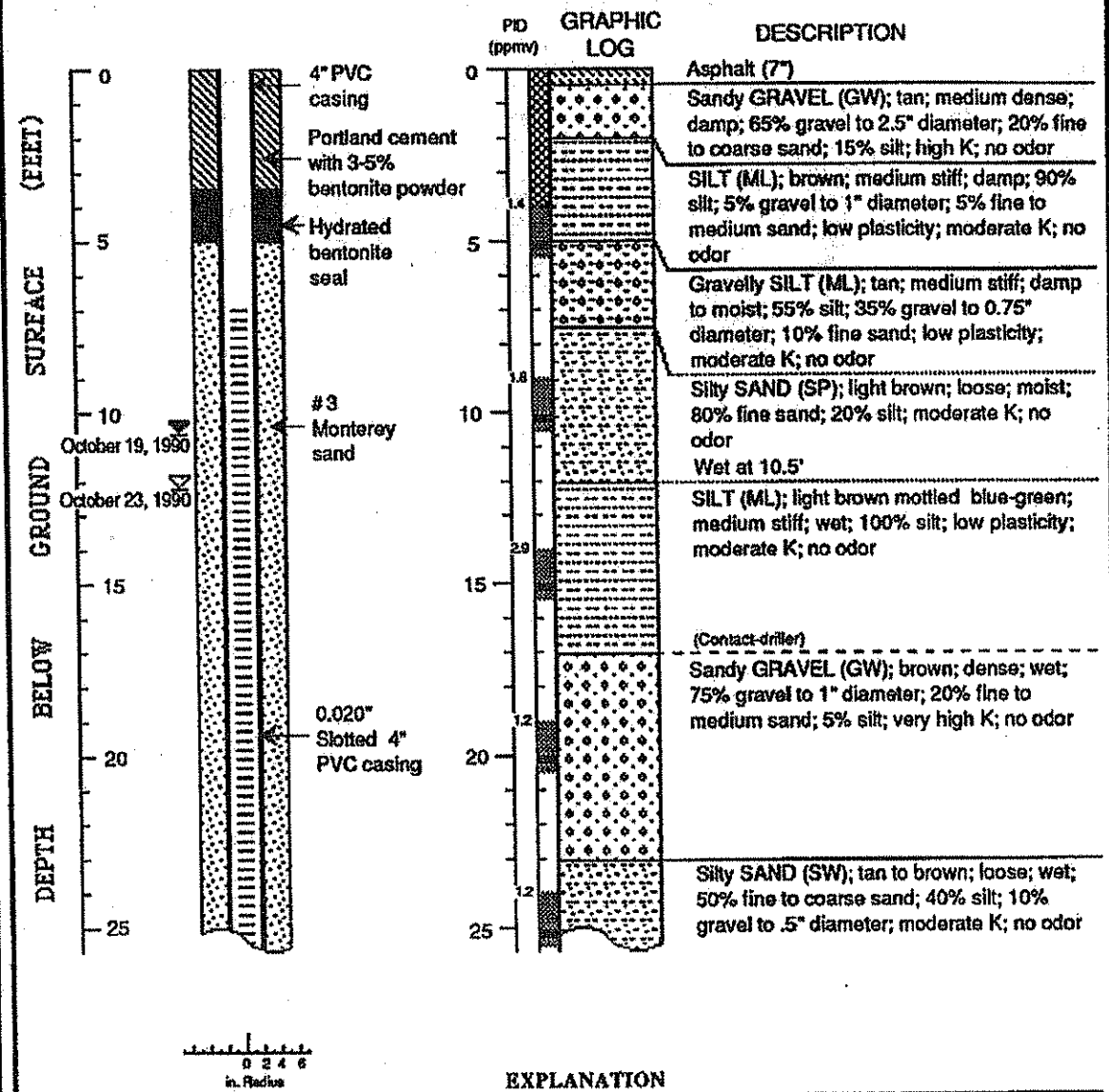
WELL MW-1 (BH-A) (cont.)



Boring Log and Well Construction Details - Well MW-1 (BH-A)

BP Service Station #11127
Oakland, California

WELL MW-2 (BH-B)



EXPLANATION

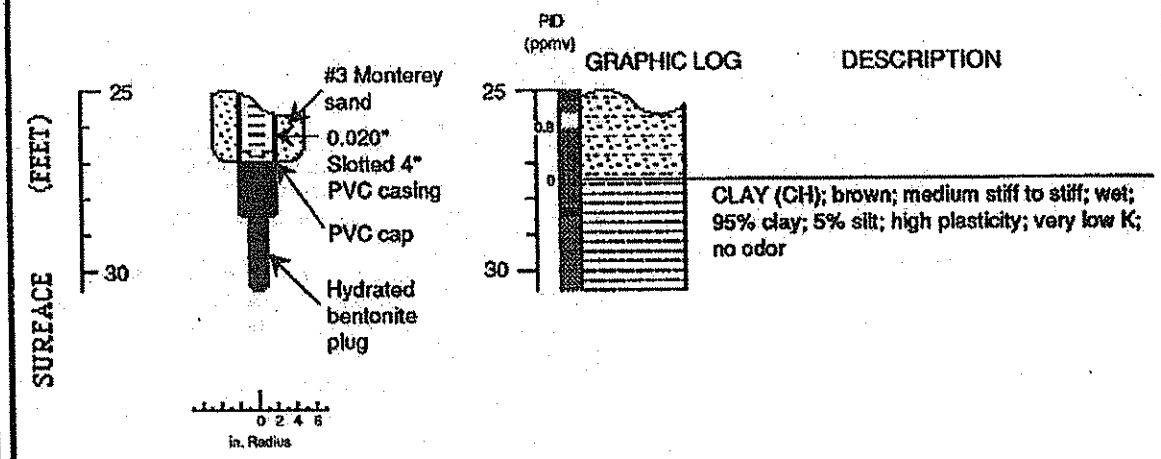
- Water level during drilling (date)
- Water level (date)
- Contact (dotted where approx.)
- Uncertain contact
- Gradational contact
- Location of recovered drive sample
- Location of drive sample sealed for chemical analysis
- Cutting sample
- K = Estimated hydraulic conductivity

Logged by:	Robert Kitay
Supervisor:	Joseph Theisen; RG 4981
Drilling Company:	Soils Exploration Services, Vacaville, CA
License Number:	C57-582696
Driller:	Rick Carr
Drilling Method:	Hollow stem auger
Date Drilled:	October 18, 1990
Well Head Completion:	4" locking well-plug with traffic-rated vaul
Type of Sampler:	Split barrel (1.5", 2", 2.5" ID)
Ground Surface Elevation:	83.89 feet above mean sea level

Boring Log and Well Construction Details - Well MW-2 (BH-B)

BP Service Station #11127
Oakland, California

WELL MW-2 (BH-B) (cont.)



Boring Log and Well Construction Details - Well MW-2 (BH-B)

BP Service Station #11127
Oakland, California

ALISTO ENGINEERING GROUP
CONCORD, CALIFORNIA

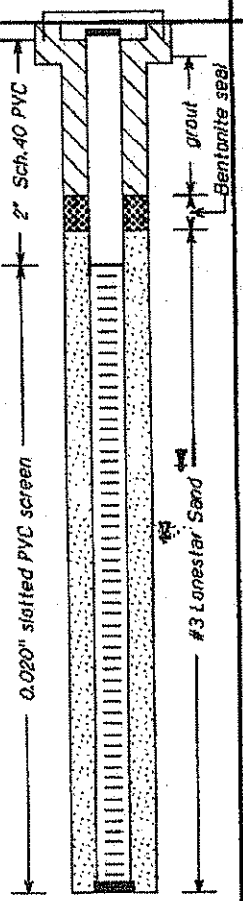
LOG OF BORING B-1/MW-3

Page 1 of 1

SEE SITE PLAN

ALISTO PROJECT NO: 10-022-02 DATE DRILLED: 10/28/92
CLIENT: BP Oil Company
LOCATION: 5425 Martin Luther King, Jr. Way, Oakland, CA
DRILLING METHOD: Hollow-stem Auger (8")
DRILLING COMPANY: Great Sierra Exploration CASING ELEVATION: 84.96 'MSL
LOGGED BY: Ted Moise APPROVED BY: A. Sevilla

BLOWS/6 IN.	PID VALUES	DEPTH feet	SAMPLES	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
					SW	3" Asphalt. gravelly SAND: brown, damp, very loose, fine- to very coarse-grained sand, angular gravel to 1".
					ML	sandy SILT: dark brown, damp, soft, very fine- to fine-grained sand, minor clay, black at 3.5'.
8,4,4	1.3	5			SW	gravelly SAND: brown, damp, loose, fine- to coarse-grained sand, angular gravel to 1", minor fines.
4,4,5	1.4	10			ML	clayey SILT: gray/brown, damp, medium firm, minor very fine-grained sand.
4,5,7	1.3					Same: gray/green, stiff.
5,3,4	1.2	15				sandy SILT: gray/brown, wet, medium firm, very fine-grained sand, minor clay.
4,7,9	1.4				SW	gravelly SAND: brown/red, wet, medium dense, very fine- to very coarse-grained sand, gravel to 3/4", minor fines.
8,17,24		20				Same: dense.
3,8,8						(Insufficient Recovery 22-23.5 ').
5,8,8		25				clayey SILT: gray/brown, wet, stiff, very fine-grained sand.
		30			ML	

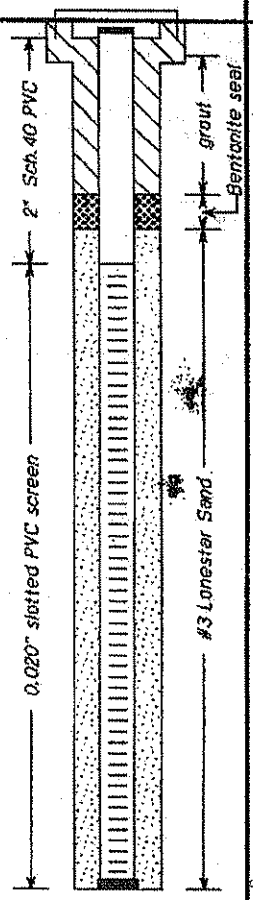


ALISTO ENGINEERING GROUP
CONCORD, CALIFORNIA

LOG OF BORING B-2/MW-4

SEE SITE PLAN

ALISTO PROJECT NO: 10-022-02 DATE DRILLED: 10/28/92
CLIENT: BP Oil Company
LOCATION: 5425 Martin Luther King, Jr. Way, Oakland, CA
DRILLING METHOD: Hollow-stem Auger (8")
DRILLING COMPANY: Great Sierra Exploration CASING ELEVATION: 82.70 'MSL
LOGGED BY: Ted Moise APPROVED BY: Al Sevilla

BLOWS/6 IN.	PID VALUES	WELL DIAGRAN	DEPTH feet	SAMPLES	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
			0			SW	3" Asphalt. gravelly SAND: brown, damp, loose, fine- to coarse-grained sand, gravel to 1", minor fines.
						ML	sandy SILT: dark brown, damp, medium firm, fine- to coarse-grained sand, minor angular gravel to 3/4".
5,5,7	1.4		5			SM	silty SAND: dark brown, damp, loose, fine- to coarse-grained sand, abundant silt, minor angular gravel to 3/4".
1,2,2	1.2		10			ML	clayey SILT: gray/green, very moist, soft, minor very fine-grained sand, rootlets.
4,6,8	1.8						sandy SILT: tan, wet, stiff, very fine-grained sand, minor clay.
5,5,9			15				Same: gray/tan, minor rounded gravel to 3/4".
4,5,9						SM	silty SAND: brown/gray, wet, medium dense, very fine to fine-grained sand, abundant silt, minor clay.
3,5,8			20			ML	clayey SILT: brown/gray, wet, medium firm, abundant clay, minor very fine-grained sand, minor angular gravel to 1/2".
3,6,8			25			SM	silty SAND: brown, wet, stiff, fine- to coarse-grained sand, abundant silt, minor angular gravel to 1/2".
			30				

COUNTY OF ALAMEDA
Assessor's Office
Property Value System

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Parcel Number:**14-1199-31-1** Inactive:**N** Lien Date:**01/01/2010** Owner:**NGUYEN TOAN V**
Property Address: **811 55TH ST, OAKLAND, CA 94608**

Mailing Name		Historical Mailing Address	Document Date	Document Number	Value From Trans Tax	Parcel Count	Use
NGUYEN TOAN V	List Owners	5425 M L KING JR WAY , OAKLAND, CA 94609	06/10/2004	2004-258308		1	8500
NGUYEN TOAN V	List Owners	5425 M L KING JR WAY , OAKLAND, CA 94609	06/10/2004	2004-258307		1	8500
FIRST INTERSTATE BANK OF CALIFORNIA TR c/o PROP TAX DEPT DC-17	List Owners	PO BOX 52085 , PHOENIX, AZ 85072	08/01/1994	1994-268167		1	8500
FIRST INTERSTATE BANK OF CALIFORNIA TR c/o TOSCO CORP	List Owners	2300 CLAYTON RD , CONCORD, CA 94520-2100	08/01/1994	1994-268166		1	8500
BP OIL COMPANY c/o PROPERTY TAX DEPT	List Owners	PO BOX 94563 , CLEVELAND, OH 44101	05/04/1989	1989-121413	$460,900	1	8500
MOBIL OIL COMPANY c/o PROPERTY TX DEPT	List Owners	PO BOX 290 , DALLAS, TX 75221	08/28/1969	1969-97525		1	8500