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
FAX (510) 337-9335

May 13, 2014

Perry Pineda
Shell Oil Products US
20945 S. Wilmington Ave.
Carson, CA 90810-1039
(*Sent via E-mail to: perry.pineda@shell.com*)

Shahriar Almasi
Portola Valley LLC
965 Laurel Glen Drive
Palo Alto, CA 94304

Subject: Case Closure for Fuel Leak Case No. RO0000006, Shell#13-9619, 3420 San Pablo Avenue, Oakland, CA 94608

Dear Perry Pineda and Shahriar Almasi:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25296.10[g]). 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).

Due to residual contamination, the site was closed with Site Management Requirements that limit future land use to the current commercial land use as an active fueling station. Site Management Requirements are further described in section IV of the attached Case Closure Summary.

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

Sincerely,

Dilan Roe, P.E.
LOP and SCP Program Manager

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

Cc w/enc.:

Peter Schaefer, Conestoga-Rovers & Associates, 5900 Hollis Street, Suite A
Emeryville, CA 94608 (*Sent via E-mail to: pschaefer@craworld.com*)

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

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

GeoTracker
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
FAX (510) 337-9135

REMEDIAL ACTION COMPLETION CERTIFICATION

May 13, 2014

Perry Pineda
Shell Oil Products US
20945 S. Wilmington Ave.
Carson, CA 90810-1039
(*Sent via E-mail to: perry.pineda@shell.com*)

Shahriar Almasi
Portola Valley LLC
965 Laurel Glen Drive
Palo Alto, CA 94304

Subject: Case Closure for Fuel Leak Case No. RO0000006, Shell#13-9619, 3420 San Pablo Avenue, Oakland, CA 94608

Dear Perry Pineda and Shahriar Almasi:

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.

Please be aware that 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 (g) of Section 25296.10 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 30, 2013

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 567-6791
Responsible Staff Person: Jerry Wickham	Title: Senior Hazardous Materials Specialist

II. CASE INFORMATION

Site Facility Name: Shell #13-9619		
Site Facility Address: 3420 San Pablo Avenue, Oakland, California 94608		
RB Case No.: 01-1358	STID No.: 381	LOP Case No.: RO0000006
URF Filing Date: ----	Geotracker ID: T0600101253	APN: 9-740-19-1
Current Land Use: Active Fueling Station		

Responsible Parties	Addresses	Phone Numbers
Perry Pineda Shell Oil Products US	20945 S. Wilmington Ave. Carson, CA 90810-1039	425-413-1164
Shahriar Almasi Portola Valley LLC	965 Laurel Glen Drive Palo Alto, CA 94304	No phone number

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
----	10,000	Gasoline	Removed	01/1985
---	10,000	Gasoline	Removed	01/1985
----	10,000	Gasoline	Removed	01/1985
---	550	Waste Oil	Removed	6/26/1997
Piping			Removed	6/26/1997

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Release from UST system. During the installation of a gasoline dispenser in December 1984, gasoline-saturated soil was discovered beneath the pump island.		
Site characterization complete? Yes		
Monitoring wells installed? Yes	Number: 12	Proper screened interval? Yes
Highest GW Depth Below Ground Surface: 1.2 feet bgs	Lowest Depth: 13.1 feet bgs	Flow Direction: Southwest
Most Sensitive Current Groundwater Use: Potential drinking water source.		

Summary of Production Wells in Vicinity: No water supply wells have been identified within 1,000 feet of the site.	
Are drinking water wells affected? No	Aquifer Name: East Bay Plain
Is surface water affected? No	Nearest Surface Water Name: San Francisco Bay is approximately 5,900 feet west of the site.
Reports on file? Yes	Where are reports filed? Alameda County Environmental Health

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Free Product	27.7 pounds	Removed from monitoring wells by hand bailing, skimming, and absorbent canisters and disposed off-site	May 1980 to June 2012
Soil	40 cubic yards	Disposed at Laidlaw Facility in Buttonwillow, CA	06/26/1997
Groundwater	----	----	----

LTCP GROUNDWATER SPECIFIC CRITERIA						
LTCP Groundwater Specific Scenario under which case was closed: Scenario 3						
Site Data			LTCP Scenario 1 Criteria (ppb)	LTCP Scenario 2 Criteria (ppb)	LTCP Scenario 3 Criteria (ppb)	LTCP Scenario 4 Criteria (ppb)
Plume Length	<250 feet		<100 feet	<250 feet	<250 feet	<1,000 feet
Free Product	Removed to maximum extent practicable		No free product	No free product	Removed to maximum extent practicable	No free product
Plume Stable or Decreasing	Stable and decreasing for a minimum of 5 years		Stable or decreasing	Stable or decreasing	Stable or decreasing for minimum of 5 Years	Stable or decreasing
Distance to Nearest Water Supply Well	>1,000 feet		>250 feet	>1,000 feet	>1,000 feet	>1,000 feet
Distance to Nearest Surface Water and Direction	4,300 feet		>250 feet	>1,000 feet	>1,000 feet	>1,000 feet
Property Owner Willing to Accept a Land Use Restriction?	Land use restriction to be applied		Not applicable	Not applicable	Yes	Not applicable
GROUNDWATER CONCENTRATIONS						
Constituent	Historic Site Maximum (ppb)	Current Site Maximum (ppb)	LTCP Scenario 1 Criteria (ppb)	LTCP Scenario 2 Criteria (ppb)	LTCP Scenario 3 Criteria (ppb)	LTCP Scenario 4 Criteria (ppb)
Benzene	15,000	760	No criteria	3,000	No criteria	1,000
MTBE	50,800	37	No criteria	1,000	No criteria	1,000
Scenario 5: If the site does not meet scenarios 1 through 4, has a determination been made that under current and reasonably expected future scenarios, the contaminant plume poses a low threat to human health and safety and to the environment and water quality objectives will be achieved within a reasonable time frame?			----			

LTCP VAPOR SPECIFIC CRITERIA							
LTCP Vapor Specific Scenario under which case was closed: Active fueling station exempt from vapor specific criteria							
Active Fueling Station	Active as of 10/23/2013.						
Site Data		LTCP Scenario 1 Criteria	LTCP Scenario 2 Criteria	LTCP Scenario 3A Criteria	LTCP Scenario 3B Criteria	LTCP Scenario 3C Criteria	LTCP Scenario 4 Criteria
Unweathered NAPL	No NAPL	LNAPL in groundwater	LNAPL in soil	No NAPL	No NAPL	No NAPL	No criteria
Thickness of Bioattenuation Zone Beneath Foundation	<2 feet	≥30 feet	≥30 feet	≥5 feet	≥10 feet	≥5 feet	≥5 feet
Total TPH in Bioattenuation Zone	12,000 ppm	<100 ppm	<100 ppm	<100 ppm	<100 ppm	<100 ppm	<100 ppm
Maximum Current Benzene Concentration in Groundwater	760	No criteria	No criteria	<100 ppb	≥100 and <1,000 ppb	<1,000 ppb	No criteria
Oxygen Data within Bioattenuation Zone	No oxygen data	No criteria	No criteria	No oxygen data or <4%	No oxygen data or <4%	≥4% at lower end of zone	≥4% at lower end of zone
Depth of soil vapor measurement beneath foundation	4 feet	No criteria	No criteria	No criteria	No criteria	No criteria	≥5 feet

SCENARIO 4 DIRECT MEASUREMENT OF SOIL VAPOR CONCENTRATIONS						
Site Soil Vapor Data			No Bioattenuation Zone		Bioattenuation Zone	
Constituent	Historic Maximum ($\mu g/m^3$)	Current Maximum ($\mu g/m^3$)	Residential	Commercial	Residential	Commercial
Benzene	<500	<500	<85	<280	<85,000	<280,000
Ethylbenzene	-<500	<500	<1,100	<3,600	<1,100,000	<3,600,000
Naphthalene	----	----	<93	<310	<93,000	<310,000
If the site does not meet scenarios 1 through 4, does a site-specific risk assessment for the vapor intrusion pathway demonstrate that human health is protected?			----			
If the site does not meet scenarios 1 through 4, has a determination been made that petroleum vapors from soil or groundwater will have no significant risk of adversely affecting human health as a result of controlling exposure through the use of mitigation measures or through the use of institutional controls?			----			

LTCP DIRECT CONTACT AND OUTDOOR AIR EXPOSURE CRITERIA						
LTCP Direct Contact and Outdoor Air Exposure Specific Scenario under which case was closed: A determination been made that the concentrations of petroleum in soil will have no significant risk of adversely affecting human health as a result of controlling exposure through the use of site management requirements.						
Are maximum concentrations less than those in Table 1 below?		No				
Constituent		Residential		Commercial/Industrial		Utility Worker
		0 to 5 feet bgs (ppm)	Volatilization to outdoor air (5 to 10 feet bgs) ppm	0 to 5 feet bgs (ppm)	Volatilization to outdoor air (5 to 10 feet bgs) ppm	0 to 10 feet bgs (ppm)
Site Maximum	Benzene	74	1.9	74	1.9	74
LTCP Criteria	Benzene	≤1.9	≤2.8	≤8.2	≤12	≤14
Site Maximum	Ethylbenzene	1.6	43	1.6	43	43
LTCP Criteria	Ethylbenzene	≤21	≤32	≤89	≤134	≤314
Site Maximum	Naphthalene	----	----	----	----	----
LTCP Criteria	Naphthalene	≤9.7	≤9.7	≤45	≤45	≤219
Site Maximum	PAHs	----	----	----	----	----
LTCP Criteria	PAHs	≤0.063	NA	≤0.68	NA	≤4.5
If maximum concentrations are greater than those in Table 1, are they less than levels from a site-specific risk assessment?		---				
If maximum concentrations are greater than those in Table 1, has a determination been made that the concentrations of petroleum in soil will have no significant risk of adversely affecting human health as a result of controlling exposure through the use of mitigation measures or through the use of institutional controls?		Yes, see section V. Additional Comments				

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, closure of this site appears to be consistent with the policies established by the State Water Resources Control Board Low-Threat Underground Storage Tank Closure Policy which became effective on August 17, 2012.		
Site Management Requirements: This fuel leak case has been evaluated for closure consistent with the State Water Resources Control Board Low-Threat Underground Storage Tank Closure Policy (LTCP). The concentration of benzene in shallow soil exceeds the numerical criteria for direct contact and outdoor air exposure prescribed in the LTCP for residential and commercial land use. Lead has also been detected in shallow soil at concentrations that exceed California Human Health Screening Levels for lead. Under the current land use as an active fueling station, most of the site is paved with minor landscaped areas near the site boundaries resulting in a low potential for direct exposure under the current land use. The potential for vapor intrusion to future buildings has also not been evaluated. Therefore, case closure is granted for the current commercial land use as an active fueling station. If a change in land use to any residential, commercial other than as a commercial fueling station, or conservative land use, or if any redevelopment occurs, Alameda County Environmental Health (ACEH) 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 prior to and during excavation and construction activities. This 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: 2	Number Retained: 10

V. ADDITIONAL COMMENTS AND CONCLUSIONS

Additional Comments:

The maximum concentration of benzene detected in shallow soil exceeds the numerical criteria for direct contact and outdoor air exposure prescribed in the LTCP for residential and commercial land use. The maximum concentration of benzene (74 ppm) was detected in a soil sample (SB-2-2) collected at a depth of 2 feet bgs from boring SB-2, which is located near the former dispenser island. Benzene concentrations detected in other soil samples collected from 0 to 5 feet bgs across the site are 0.2 ppm or less. Under the current land use as an active fueling station, most of the site is paved with minor landscaped areas near the site boundaries resulting in a low potential for direct exposure under the current land use. The site will be closed with a land use restriction to prevent future exposure to elevated concentrations of benzene in the area of the former dispenser island.

Lead has been detected in shallow soil at concentrations up to 2,000 ppm (soil sample P-7-2.0). The elevated lead was typically detected in the upper two feet but was detected at a concentration of 250 ppm at a depth of 8 feet bgs in soil boring SB-1 (soil sample SB-1-8). Soil sampling indicates that elevated concentrations of lead do not appear to be related to petroleum hydrocarbon releases. The elevated concentrations of lead may be related to other urban sources or placement of fill with elevated concentrations of lead. Urban soils have been found to have higher concentrations of lead due to contributions primarily from lead-based paint and automobile emissions from combustion of leaded gasoline (lead was added to gasoline as an anti-knock ingredient prior to 1986). Recent studies show that the lead content of some urban soils may range from 100 ppm to more than 1,000 ppm (Craigmill and Harivandi, *Home Gardens and Lead*, University of California Agriculture and Natural Resources Publication 8424, September 2010).

Naphthalene was not an analyte in shallow soil samples. However, since the release at the site consisted primarily of gasoline and benzene and ethylbenzene concentrations in shallow soil do not exceed media-specific criteria for direct contact, naphthalene concentrations in shallow soil are not likely to exceed the LTCP media-specific criteria

Conclusion:

Alameda County Environmental Health staff believe that the site meets the conditions for case closure under the State Water Resources Control Board Low-Threat Underground Storage Tank Closure Policy. 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 is required if land uses changes to any residential or other conservative land use, or any redevelopment occurs.

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Jerry Wickham, P.G.	Title: Senior Hazardous Materials Specialist
Signature: Jerry Wickham	Date: 10/31/2013
Approved by: Dilan Roe, P.E.	Title: Program Manager – Local Oversight Program
Signature: Dilan Roe	Date: 10/31/2013

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 AND PUBLIC NOTIFICATION

Regional Board Staff Name: Cherie McCaulou	Title: Engineering Geologist
Regional Board Notification Date: 10/23/13	
Public Notification Date: 10/23/13	

VIII. MONITORING WELL DECOMMISSIONING

Date Requested by ACEH: 01/14/14	Date of Well Decommissioning Report: 05/09/14	
All Monitoring Wells Decommissioned: (Yes) No	Number Decommissioned: 10	Number Retained: 0
Reason Wells Retained: NA		
Additional requirements for submittal of groundwater data from retained wells: None		
ACEH Concurrence - Signature: Jerry Wickham		Date: 05/13/14

Attachments:

1. Site Vicinity Map and Aerial Photo (2 pp)
2. Site Plan (1 p)
3. Groundwater Contour and Chemical Concentration Maps (2 pp)
4. Soil and Soil Vapor Analytical Data (5 pp)
5. Groundwater Analytical Data (25 pp)
6. Cross Sections and Concentration Graphs (3 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.

12/02/08

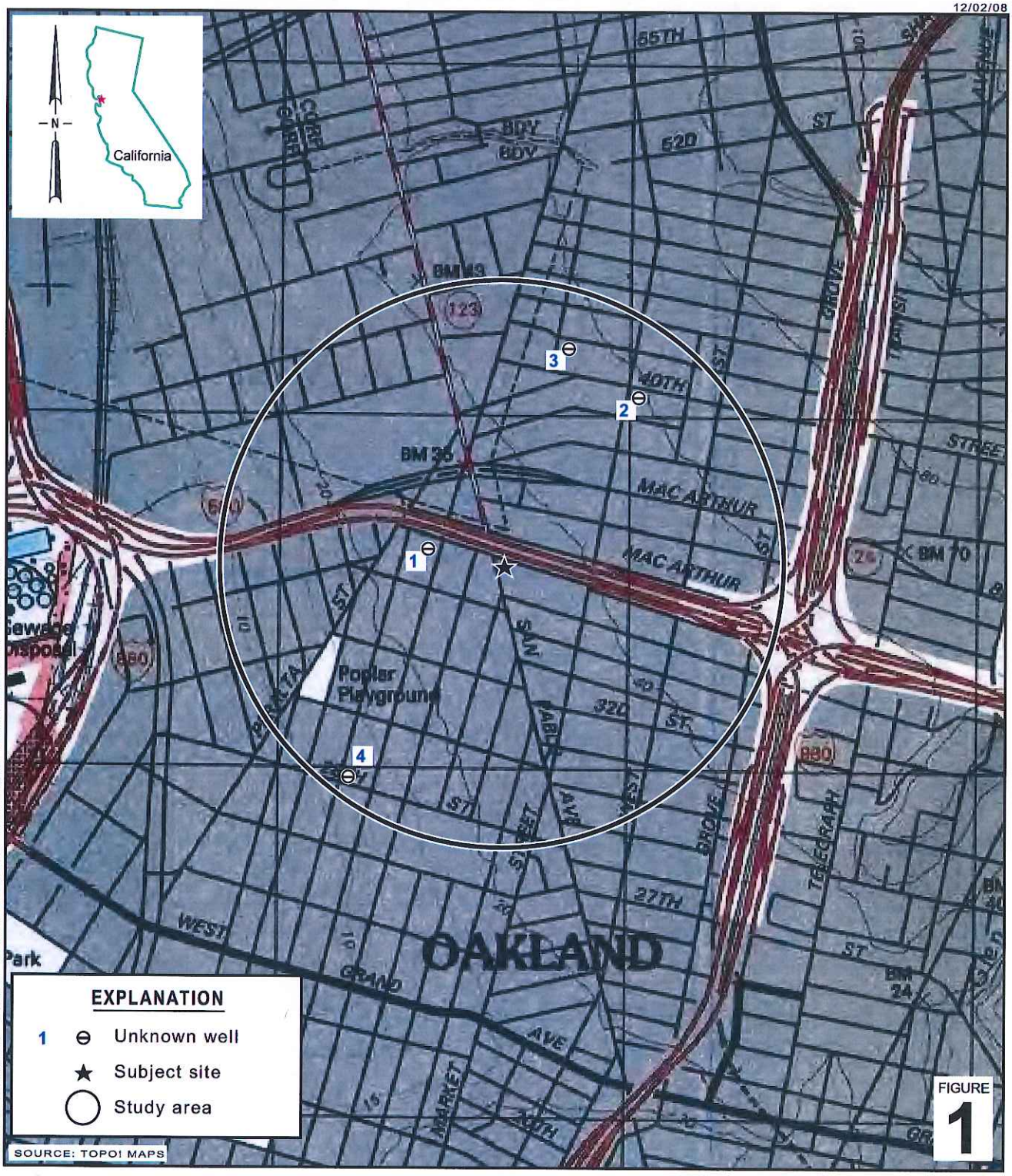

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FIGURE 1

0 1/8 1/4 1/2 1

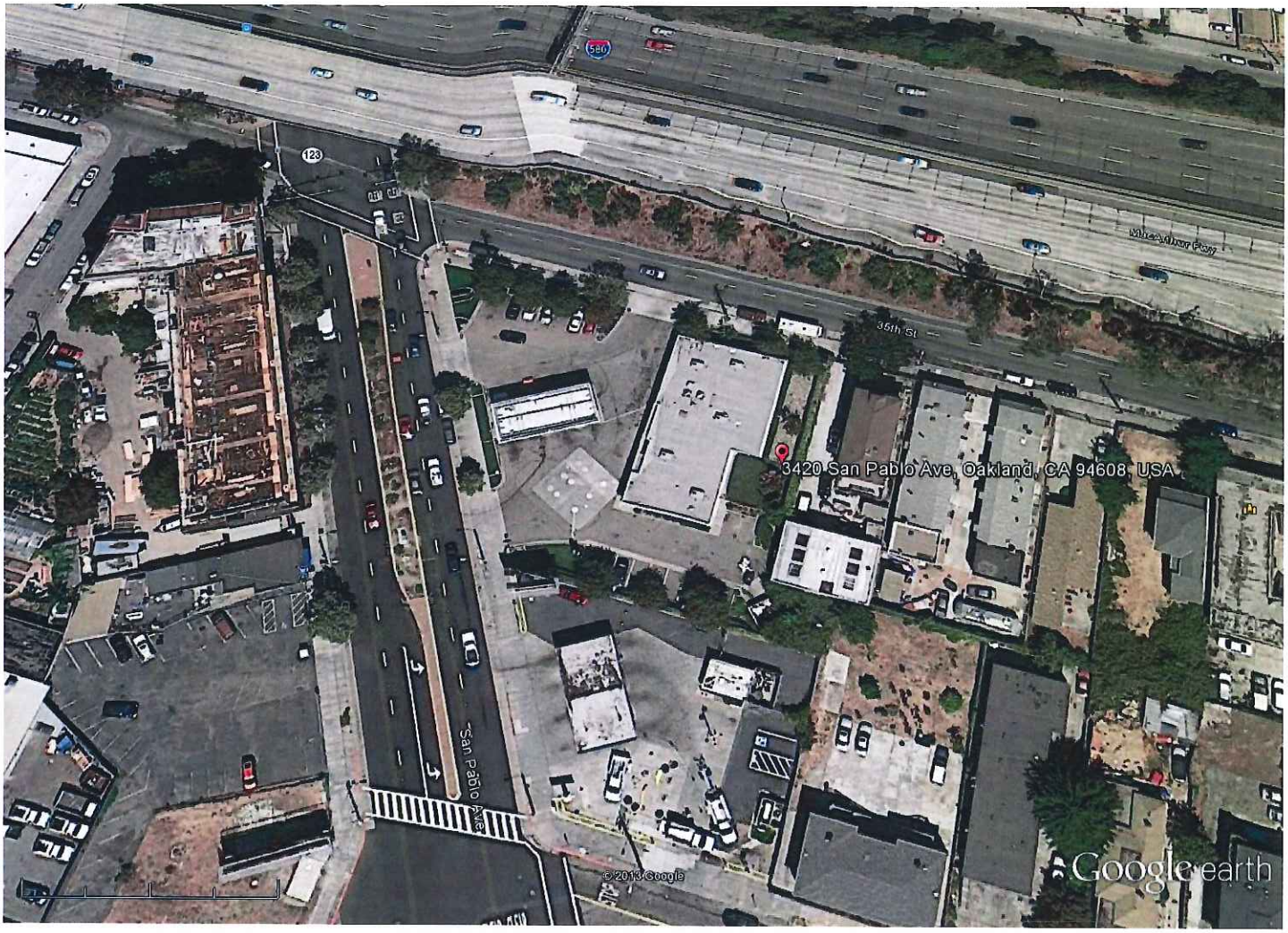
SCALE (MILES)

Former Shell Service Station
3420 San Pablo Avenue
Oakland, California

CONESTOGA-ROVERS & ASSOCIATES

Vicinity Map

ATTACHMENT 1



Google earth

feet 200
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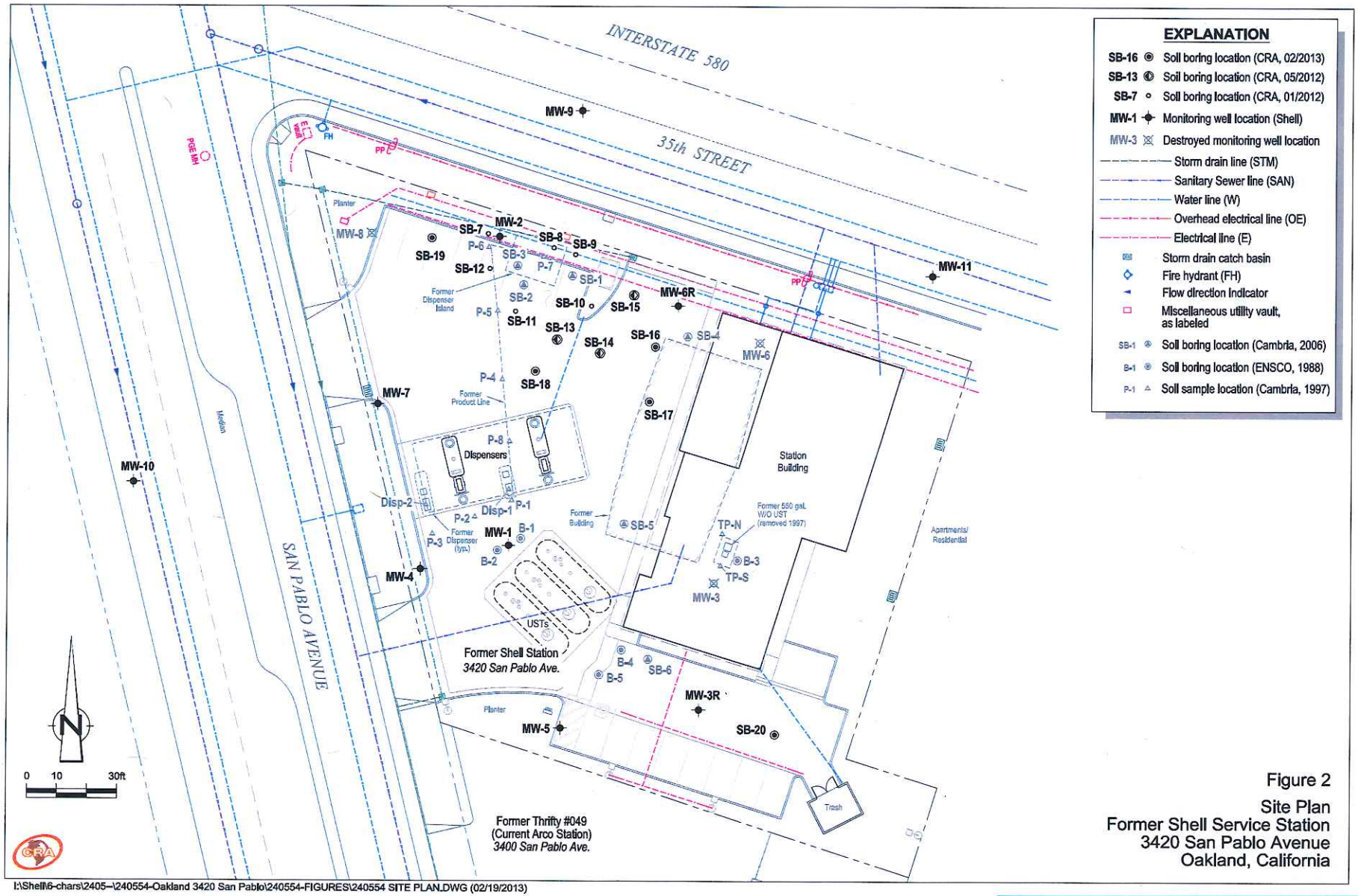

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Figure 2

Site Plan
Former Shell Service Station
3420 San Pablo Avenue
Oakland, California

ATTACHMENT 2

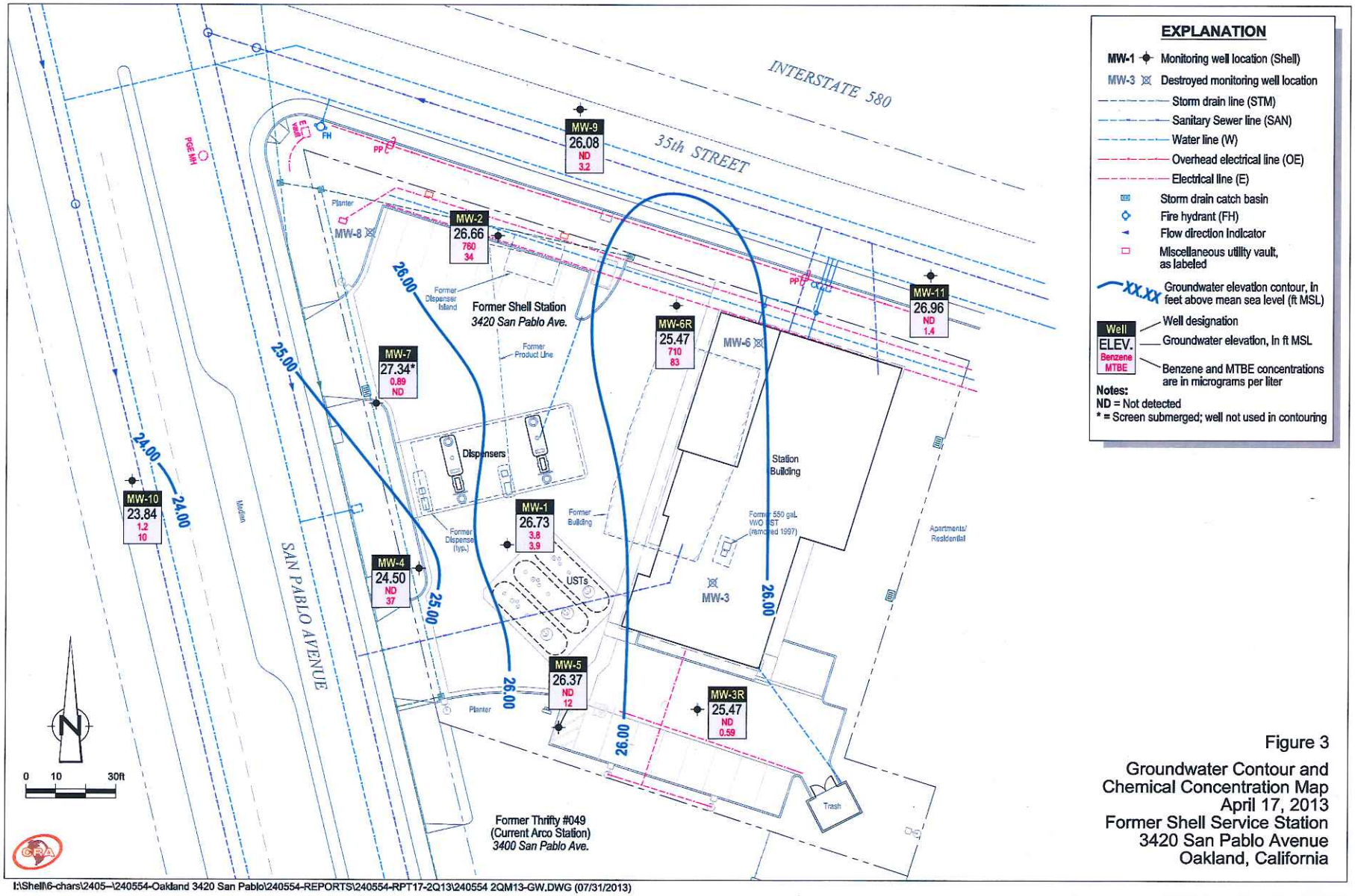

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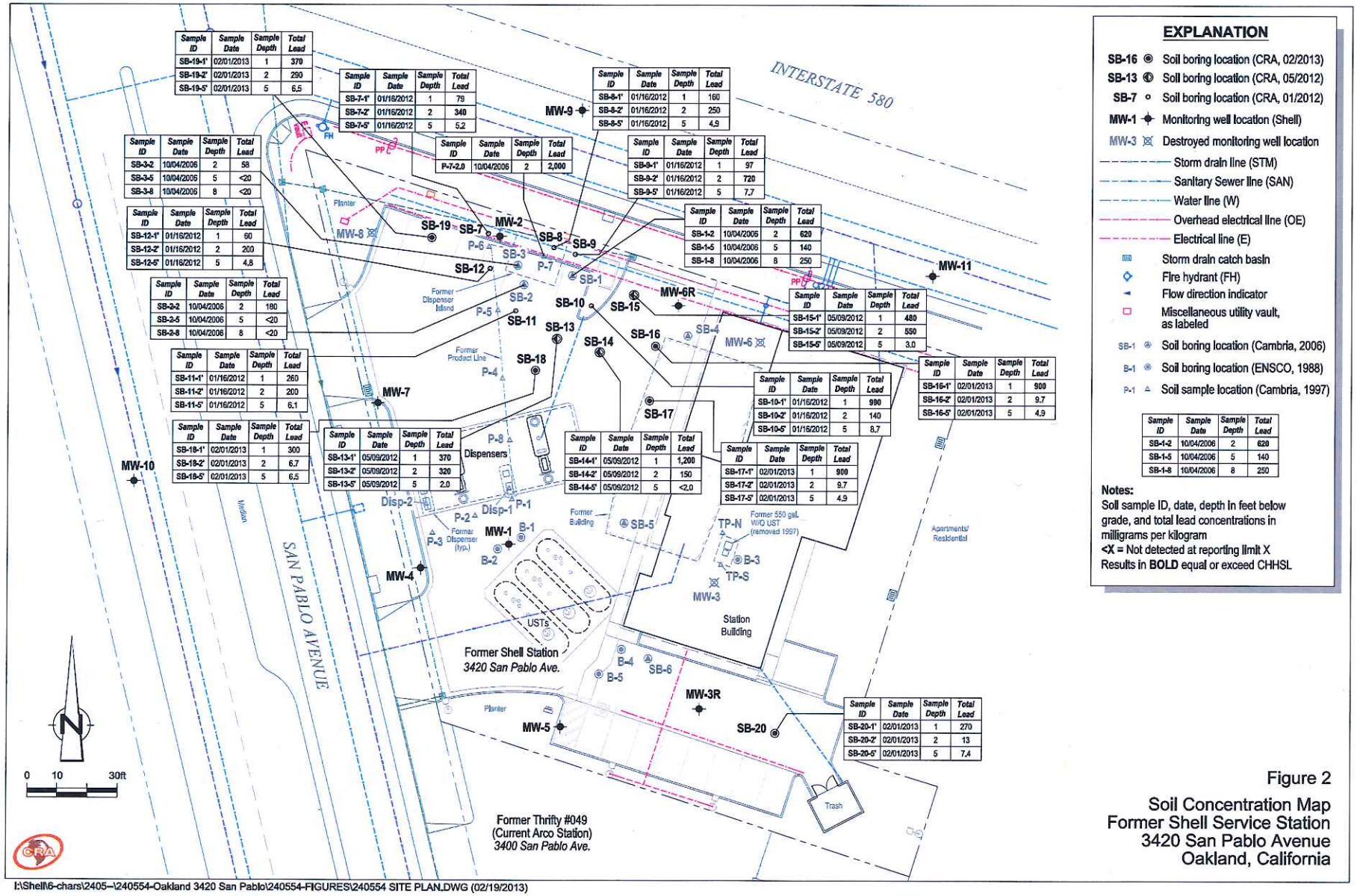
Figure 3

Groundwater Contour and Chemical Concentration Map
April 17, 2013
Former Shell Service Station
3420 San Pablo Avenue
Oakland, California

ATTACHMENT 3



Sample ID	Sample Date	Sample Depth	Total Lead
SB-19-1'	02/01/2013	1	370
SB-19-2'	02/01/2013	2	290
SB-19-5'	02/01/2013	5	6.5

Sample ID	Sample Date	Sample Depth	Total Lead
SB-7-1'	01/16/2012	1	79
SB-7-2'	01/16/2012	2	340
SB-7-5'	01/16/2012	5	5.2

Sample ID	Sample Date	Sample Depth	Total Lead
P-7-2.0	10/04/2006	2	2,000

Sample ID	Sample Date	Sample Depth	Total Lead
SB-8-1'	01/16/2012	1	160
SB-8-2'	01/16/2012	2	250
SB-8-5'	01/16/2012	5	4.9

Sample ID	Sample Date	Sample Depth	Total Lead
SB-3-2	10/04/2006	2	58
SB-3-5	10/04/2006	5	<20
SB-3-8	10/04/2006	8	<20

Sample ID	Sample Date	Sample Depth	Total Lead
SB-9-1'	01/16/2012	1	97
SB-9-2'	01/16/2012	2	720
SB-9-5'	01/16/2012	5	7.7

Sample ID	Sample Date	Sample Depth	Total Lead
SB-12-1'	01/16/2012	1	60
SB-12-2'	01/16/2012	2	200
SB-12-5'	01/16/2012	5	4.8

Sample ID	Sample Date	Sample Depth	Total Lead
SB-1-2	10/04/2006	2	620
SB-1-5	10/04/2006	5	140
SB-1-8	10/04/2006	8	250

Sample ID	Sample Date	Sample Depth	Total Lead
SB-15-1'	05/09/2012	1	480
SB-15-2'	05/09/2012	2	550
SB-15-5'	05/09/2012	5	3.0

Sample ID	Sample Date	Sample Depth	Total Lead
SB-2-2	10/04/2006	2	180
SB-2-5	10/04/2006	5	<20
SB-2-8	10/04/2006	8	<20

Sample ID	Sample Date	Sample Depth	Total Lead
SB-16-1'	02/01/2013	1	900
SB-16-2'	02/01/2013	2	9.7
SB-16-5'	02/01/2013	5	4.9

Sample ID	Sample Date	Sample Depth	Total Lead
SB-11-1'	01/16/2012	1	260
SB-11-2'	01/16/2012	2	200
SB-11-5'	01/16/2012	5	6.1

Sample ID	Sample Date	Sample Depth	Total Lead
SB-10-1'	01/16/2012	1	990
SB-10-2'	01/16/2012	2	140
SB-10-5'	01/16/2012	5	8.7

Sample ID	Sample Date	Sample Depth	Total Lead
SB-18-1'	02/01/2013	1	300
SB-18-2'	02/01/2013	2	6.7
SB-18-5'	02/01/2013	5	6.5

Sample ID	Sample Date	Sample Depth	Total Lead
SB-13-1'	05/09/2012	1	370
SB-13-2'	05/09/2012	2	320
SB-13-5'	05/09/2012	5	2.0

Sample ID	Sample Date	Sample Depth	Total Lead
SB-14-1'	05/09/2012	1	1,200
SB-14-2'	05/09/2012	2	150
SB-14-5'	05/09/2012	5	<2.0

Sample ID	Sample Date	Sample Depth	Total Lead
SB-17-1'	02/01/2013	1	900
SB-17-2'	02/01/2013	2	9.7
SB-17-5'	02/01/2013	5	4.9

Sample ID	Sample Date	Sample Depth	Total Lead
SB-20-1'	02/01/2013	1	270
SB-20-2'	02/01/2013	2	13
SB-20-5'	02/01/2013	5	7.4

EXPLANATION

- SB-16 ◉ Soil boring location (CRA, 02/2013)
- SB-13 ◐ Soil boring location (CRA, 05/2012)
- SB-7 ○ Soil boring location (CRA, 01/2012)
- MW-1 ⊕ Monitoring well location (Shell)
- MW-3 ⊠ Destroyed monitoring well location
- Storm drain line (STM)
- Sanitary Sewer line (SAN)
- Water line (W)
- Overhead electrical line (OE)
- Electrical line (E)
- Storm drain catch basin
- Fire hydrant (FH)
- Flow direction indicator
- Miscellaneous utility vault, as labeled
- SB-1 ⊕ Soil boring location (Cambria, 2006)
- B-1 ⊕ Soil boring location (ENSCO, 1988)
- P-1 △ Soil sample location (Cambria, 1997)

Sample ID	Sample Date	Sample Depth	Total Lead
SB-1-2	10/04/2006	2	620
SB-1-5	10/04/2006	5	140
SB-1-8	10/04/2006	8	250

Notes:
Soil sample ID, date, depth in feet below grade, and total lead concentrations in milligrams per kilogram
<X = Not detected at reporting limit X
Results in **BOLD** equal or exceed CHHSL

Figure 2

Soil Concentration Map
Former Shell Service Station
3420 San Pablo Avenue
Oakland, California

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TABLE 1

HISTORICAL SOIL ANALYTICAL DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHg (mg/kg)*	*B (mg/kg)*	*T (mg/kg)*	*E (mg/kg)*	*X (mg/kg)*	*MTBE (mg/kg)*	*Total Lead (mg/kg)*
B-1	8/8/1988	5 - 5.5	1,400	1.9	42	43	120	---	---
B-1	8/8/1988	9.5 - 10	80	---	---	---	---	---	---
B-1	8/8/1988	15 - 15.5	<5.0	---	---	---	---	---	---
B-1	8/8/1988	20 - 20.5	<5.0	---	---	---	---	---	---
B-2	8/8/1988	5 - 5.5	550	1.5	16	35	33	---	---
B-2	8/8/1988	10 - 10.5	580	0.7	3.3	7.8	48	---	---
B-3	8/8/1988	5, 10, and 15	<5.0	---	---	---	---	---	---
B-4	8/8/1988	5, 10, and 15	<5.0	---	---	---	---	---	---
B-5	8/8/1988	5, 10, and 15	<5.0	---	---	---	---	---	---
MW-1	4/10/1989	5.5 - 6	850	1.2	14	19	100	---	4
MW-1	4/10/1989	10.5 - 11	80	<0.05	1.9	1.9	16	---	3
MW-2	4/10/1989	10.5 - 11	70	0.4	1.5	1.7	1.5	---	8
MW-3	4/10/1989	10.5 - 11	<0.2	<0.002	0.010	0.008	0.069	---	3
MW-4	4/10/1989	10.5 - 11	<0.2	<0.002	0.005	0.004	0.031	---	2
MW-5	1/19/1990	5.5 - 6	5.0	<0.05	<0.1	<0.1	<0.1	---	---
MW-6	1/19/1990	5.5 - 6	<1.0	<0.05	<0.1	<0.1	<0.1	---	---
MW-7	1/19/1990	5.5 - 6	14	0.078	<0.1	0.21	<0.1	---	---
MW-8	1/18/1990	5.5 - 6	<1.0	<0.05	<0.1	<0.1	<0.1	---	---
MW-9	1/18/1990	10.5 - 11	6.1	<0.05	<0.1	0.39	0.14	---	---
MW-10	10/23/1991	5	1.4	0.015	0.006	0.010	0.008	---	---
MW-10	10/23/1991	10	1.8	0.06	<0.0050	0.027	0.0070	---	---
MW-11	10/23/1991	5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	---
MW-11	10/23/1991	10	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	---
Disp-1-2.5	6/26/1997	2.5	8.4	0.054	0.046	0.0094	0.21	1.6	5.8
Disp-2-2.0	6/26/1997	2	51	0.075	1.6	0.38	1.6	7.9	9.6
TP-N-7	6/26/1997	7	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<5.0
TP-S-7	6/26/1997	7	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	6.4
P-1-2.5	6/26/1997	2.5	39	0.13	0.051	0.012	0.032	0.82	7.4
P-2-2.5	6/26/1997	2.5	17	0.035	0.079	0.063	0.11	0.33	7.4
P-3-2.5	6/26/1997	2.5	16	0.028	0.059	0.019	0.026	0.092	6.9
P-4-4.0	6/26/1997	4	19	0.041	0.053	<0.010	0.078	<0.050	7.4
P-5-4.0	6/26/1997	4	3.1	0.016	0.0054	<0.0050	0.018	0.028	7.4
P-6-2.5	6/26/1997	2.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	33

ATTACHMENT 4

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHg (mg/kg)*	*B (mg/kg)*	*T (mg/kg)*	*E (mg/kg)*	*X (mg/kg)*	*MTBE (mg/kg)*	*Total Lead (mg/kg)*
P-7-2.0	6/26/1997	2	4.5	0.040	0.0097	0.0095	0.053	<0.025	**2,000**
P-8-2.5	6/26/1997	2.5	120	<0.12	0.43	0.33	0.42	<0.62	8.2
SB-1-2	10/4/2006	2	<1.0	0.011	<0.0050	0.0058	0.017	0.0096	**620**
SB-1-5	10/4/2006	5	6.9	0.0066	<0.0050	<0.0050	<0.010	<0.0050	140
SB-1-8	10/4/2006	8	**46,000**	<25	<25	<25	<50	<25	250
SB-2-2	10/4/2006	2	**12,000**	**74**	<25	<25	**82**	<25	180
SB-2-5	10/4/2006	5	1.8	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<20
SB-2-8	10/4/2006	8	160	<0.12	<0.12	2.2	1.3	<0.12	<20
SB-3-2	10/4/2006	2	4.7	0.058	0.0075	0.018	0.079	0.15	58
SB-3-5	10/4/2006	5	**11,000**	<25	<25	<25	<50	<25	<20
SB-3-8	10/4/2006	8	27	<0.12	<0.12	<0.12	<0.25	<0.12	<20
SB-4-4.5	10/4/2006	4.5	<1.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<5
SB-5-4.5	10/4/2006	4.5	2.9	<0.0050	<0.0050	<0.0050	<0.010	0.059	<5
SB-6-4.5	10/4/2006	4.5	7.2	0.012	0.017	0.018	0.16	<0.0050	29
SB-7-1'	1/16/2012	1	<0.099	0.0020	<0.0020	<0.0020	<0.0040	<0.0050	79
SB-7-2'	1/16/2012	2	<0.12	0.0023	<0.0023	<0.0023	<0.0046	0.0058	**340**
SB-7-5'	1/16/2012	5	<0.20	<0.00099	<0.00099	<0.00099	<0.0020	<0.0020	5.2
SB-8-1'	1/16/2012	1	<0.085	0.0023	<0.0017	<0.0017	<0.0034	<0.0043	160
SB-8-2'	1/16/2012	2	<0.096	0.0044	<0.0019	<0.0019	<0.0039	<0.0048	250
SB-8-5'	1/16/2012	5	1.7	<0.00098	<0.00098	<0.00098	<0.0020	<0.0020	4.9
SB-9-1'	1/16/2012	1	0.12	0.0025	0.0023	<0.0018	<0.0036	<0.0045	97
SB-9-2'	1/16/2012	2	<0.083	0.0048	<0.0017	<0.0017	<0.0033	<0.0042	720
SB-9-5'	1/16/2012	5	<0.20	<0.0010	<0.0010	<0.0010	<0.0020	<0.0020	7.7
SB-10-1'	1/16/2012	1	0.12	0.017	0.0028	<0.0022	<0.0044	<0.0056	**990**
SB-10-2'	1/16/2012	2	0.67	0.0036	<0.0019	<0.0019	<0.0039	<0.0048	140
SB-10-5'	1/16/2012	5	3.1	0.0016	<0.0010	<0.0010	<0.0020	<0.0020	8.7
SB-11-1'	1/16/2012	1	0.72	0.065	0.0070	0.0071	0.022	0.012	260
SB-11-2'	1/16/2012	2	1.7	0.16	0.0070	0.019	0.049	0.021	200
SB-11-5'	1/16/2012	5	2.9	0.10	0.0010	0.042	0.0074	0.030	6.1
SB-12-1'	1/16/2012	1	0.20	0.031	0.0041	0.0040	0.015	0.0061	60
SB-12-2'	1/16/2012	2	2.8	0.20	0.011	0.025	0.097	0.029	200
SB-12-5'	1/16/2012	5	180	0.22	<0.050	1.6	<0.10	<0.10	4.8
SB-13-1'	5/9/2012	1	---	---	---	---	---	---	**370**
SB-13-2'	5/9/2012	2	---	---	---	---	---	---	**320**

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHg (mg/kg)*	*B (mg/kg)*	*T (mg/kg)*	*E (mg/kg)*	*X (mg/kg)*	*MTBE (mg/kg)*	*Total Lead (mg/kg)*
SB-13-5'	5/9/2012	5	---	---	---	---	---	---	2.0
SB-14-1'	5/9/2012	1	---	---	---	---	---	---	**1,200**
SB-14-2'	5/9/2012	2	---	---	---	---	---	---	150
SB-14-5'	5/9/2012	5	---	---	---	---	---	---	<2.0
SB-15-1'	5/9/2012	1	---	---	---	---	---	---	**480**
SB-15-2'	5/9/2012	2	---	---	---	---	---	---	**550**
SB-15-5'	5/9/2012	5	---	---	---	---	---	---	3.0
SB-16-1'	2/1/2013	1	---	---	---	---	---	---	**590**
SB-16-2'	2/1/2013	2	---	---	---	---	---	---	7.5
SB-16-5'	2/1/2013	5	---	---	---	---	---	---	6.3
SB-17-1'	2/1/2013	1	---	---	---	---	---	---	900
SB-17-2'	2/1/2013	2	---	---	---	---	---	---	9.7
SB-17-5'	2/1/2013	5	---	---	---	---	---	---	4.9
SB-18-1'	2/1/2013	1	---	---	---	---	---	---	300
SB-18-2'	2/1/2013	2	---	---	---	---	---	---	6.7
SB-18-5'	2/1/2013	5	---	---	---	---	---	---	6.5
SB-19-1'	2/1/2013	1	---	---	---	---	---	---	370
SB-19-2'	2/1/2013	2	---	---	---	---	---	---	290
SB-19-5'	2/1/2013	5	---	---	---	---	---	---	6.5
SB-20-1'	2/1/2013	1	---	---	---	---	---	---	270
SB-20-2'	2/1/2013	2	---	---	---	---	---	---	13
SB-20-5'	2/1/2013	5	---	---	---	---	---	---	7.4
Shallow Soil (≤10 fbg) Screeening Level[a]			500	1.2	9.3	4.7	11	8.4	320
Deep Soil (>10 fbg) Screeening Level[a]:			2400	1.2	9.3	4.7	11	8.4	320

Notes:
TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8260B; prior to June 26, 1997, analyzed by EPA Method 8015M
BTEX = Benzene, toluene, ethylbenzene, and total xylenes analyzed by EPA Method 8260B; prior to June 26, 1997, analyzed by EPA Method 8020
MTBE = Methyl tertiary-butyl ether analyzed by EPA Method 8260B; prior to June 26, 1997, analyzed by EPA Method 8020
Total lead analysis by EPA 6010B; prior to April 11, 1989 analyzed by EPA Method 7420
fbg = Feet below grade
mg/kg = Milligrams per kilogram
<x = Not detected at reporting limit x
--- = Not analyzed
ESL = Environmental screening level
Results in **bold** equal or exceed applicable ESL

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHg (mg/kg)*	*B (mg/kg)*	*T (mg/kg)*	*E (mg/kg)*	*X (mg/kg)*	*MTBE (mg/kg)*	*Total Lead (mg/kg)*

a = San Francisco Bay Regional Water Quality Control Board commercial/industrial ESL for soil where groundwater is not a source of drinking water (Tables B and D of *Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater*, California Regional Water Quality Control Board, Interim Final - November 2007 [Revised May 2008]) - Updated May 2013.

TABLE 3

HISTORICAL SOIL VAPOR ANALYTICAL DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHg ($\mu g/m^3$)*	*B ($\mu g/m^3$)*	*T ($\mu g/m^3$)*	*E ($\mu g/m^3$)*	*X ($\mu g/m^3$)*	*MTBE ($\mu g/m^3$)*
SB-4-V a	10/4/2006	4	<50,000	<500	<500	<500	<1,000	<500
SB-5-V a	10/4/2006	4	<50,000	<500	<500	<500	<1,000	<500
SB-6-V a	10/4/2006	4	<50,000	<500	<500	<500	<1,000	<500
ESLs [b]			1,200,000	420	1,300,000	4,900	440,000	47,000

Notes:
TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method TO-3M
BTEX = Benzene, toluene, ethylbenzene, and total xylenes analyzed by EPA Method 8260B (M)
MTBE = Methyl tertiary-butyl ether analyzed by EPA Method 8260B (M)
fbg = Feet below grade
µg/m3 =Micrograms per cubic meter
<x = Not detected at reporting limit x
ESL = Environmental screening level

a = Samples were analyzed beyond EPA-recommended hold time
b = San Francisco Bay Regional Water Quality Control Board (RWQCB) shallow soil gas screening level for evaluation of potential vapor intrusion concerns - commercial/industrial land use from RWQCB's *Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater*, California Regional Water Quality Control Board, Interim Final - November 2007 (Revised May 2008) - Updated May 2013.

TABLE 2

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-1	08/06/1991	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.28	10.86	—	10.42
MW-1	10/23/1991	32,000	2,700	360	550	3,700	—	—	—	—	—	—	—	—	—	—	21.28	11.05	0.01	10.24
MW-1	01/28/1992	14,000	1,000	106	450	1,600	—	—	—	—	—	—	—	—	—	—	21.28	10.84	—	10.44
MW-1	05/05/1992	98,000	11,000	1,200	3,500	18,000	—	—	—	—	—	—	—	—	—	—	21.28	9.42	<0.01	11.87
MW-1	07/13/1992	11,000	1,100	130	740	1,300	—	—	—	—	—	—	—	—	—	—	21.28	11.36	—	9.92
MW-1	10/12/1992	—	—	—	—	—	—	—	—	125	—	—	—	—	—	—	21.28	13.14	0.09	8.21
MW-1	01/12/1993	—	110	—	—	—	—	—	—	—	—	—	—	—	—	—	21.28	7.52	0.02	13.78
MW-1	04/06/1993	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.28	7.13	<0.01	14.16
MW-1	07/12/1993	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.28	11.02	0.01	10.27
MW-1	10/13/1993	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.28	12.18	0.01	9.11
MW-1	01/20/1994	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.28	9.18	0.01	12.11
MW-1	04/13/1994	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.28	8.72	0.02	12.58
MW-1	07/19/1994	17,000	420	140	530	1,300	—	—	—	—	—	—	—	—	—	—	21.28	8.76	—	12.52
MW-1	10/27/1994	23,000	1,200	130	990	960	—	—	—	—	—	—	—	—	—	—	21.28	10.49	—	10.79
MW-1	01/03/1995	31,000	610	160	1,200	5,000	—	—	—	—	—	—	—	—	—	—	21.28	6.15	—	15.13
MW-1	04/13/1995	20,000	340	42	680	2,900	—	—	—	—	—	—	—	—	—	—	21.28	5.24	—	16.04
MW-1	06/30/1995	16,000	450	62	460	1,200	—	—	—	—	—	—	—	—	—	—	21.28	7.24	—	14.04
MW-1	10/11/1995	8,400	660	47	510	850	8,000	—	—	—	—	—	—	—	—	—	21.28	9.48	—	11.80
MW-1	10/13/1995	7,400	730	54	490	1,100	8,200	—	—	—	—	—	—	—	—	—	21.28	—	—	—
MW-1	01/17/1996	24,000	570	110	820	2,900	15,000	—	—	—	—	—	—	—	—	—	21.28	6.48	—	14.80
MW-1	04/10/1996	20,000	120	11	420	1,400	15,000	—	—	—	—	—	—	—	—	—	21.28	5.38	—	15.90
MW-1	07/30/1996	7,900	240	22	170	300	12,000	—	—	—	—	—	—	—	—	—	21.28	7.61	—	13.67
MW-1	10/17/1996	6,600	1,000	20	120	130	10,000	—	—	—	—	—	—	—	—	1.4	21.28	8.66	—	12.62
MW-1	01/22/1997	13,000	170	<50	330	1,200	18,000	—	—	—	—	—	—	—	—	1.6	21.28	5.00	—	16.28
MW-1	04/01/1997	7,900	240	26	130	200	6,400	—	—	—	—	—	—	—	—	1.4	21.28	6.42	—	14.86
MW-1	07/14/1997	5,000	<20	<20	59	61	9,000	—	—	—	—	—	—	—	—	1.9	21.28	8.92	—	12.36
MW-1	10/08/1997	3,200	180	7.6	18	6.1	11,000	—	—	—	—	—	—	—	—	4.8	21.28	9.43	—	11.85
MW-1	01/19/1998	8,100	39	<20	280	660	1,100	—	—	—	—	—	—	—	—	2.6	21.28	1.20	—	20.08
MW-1	04/28/1998	2,900	62	<10	160	370	1,200	1,200	—	—	—	—	—	—	—	2.4	21.28	4.81	—	16.47
MW-1	09/30/1998	1,300	25	8.3	<5.0	12	2,000	—	—	—	—	—	—	—	—	1.6	21.05	9.90	—	11.15
MW-1	12/09/1998	21,000	240	<200	520	920	18,000	18,000	—	—	—	—	—	—	—	4.3	21.05	12.26	—	8.79
MW-1	01/18/1999	10,600	<100	<100	471	130	48,600	50,800	—	—	—	—	—	—	—	1.3	21.05	6.00	—	15.05
MW-1	04/12/1999	7,500	101	26.0	248	578	31,000	37,900	—	—	—	—	—	—	—	1.2	21.05	4.00	—	17.05
MW-1	07/27/1999	5,420	80.1	<50.0	123	143	24,700	33,200 j	—	—	—	—	—	—	—	1.3	21.05	6.18	—	14.87
MW-1	10/14/1999	3,750	75.8	<12.5	30.3	37.0	17,200	20,600	—	—	—	—	—	—	—	1.3	21.05	6.83	—	14.22
MW-1	01/06/2000	5,550	82.2	<5.00	128	45.4	9,410	8,200	—	—	—	—	—	—	—	1.3	21.05	6.36	—	14.69
MW-1	04/05/2000	2,860	50.6	<10.0	98.2	36.2	4,120	3,150 j	—	—	—	—	—	—	—	2.0	21.05	3.65	—	17.40
MW-1	07/20/2000	3,600	37.9	36.0	34.2	40.4	3,140	3,430 j	—	—	—	—	—	—	—	1.2	21.05	4.11	—	16.94

ATTACHMENT 5

TABLE 2

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-1	10/24/2000	2,330	32.3	<10.0	10.5	27.1	4,900	4,500	---	---	---	---	---	---	---	1.4	21.05	5.18	---	15.87
MW-1	01/19/2001	2,000	25.9	24.9	12.5	29.7	2,610	3,070	---	---	---	---	---	---	---	1.8	32.01	3.90	---	28.11
MW-1	04/27/2001	2,200	14	<2.0	5.3	6.8	---	1,100	---	---	---	---	---	---	---	1.5	32.01	4.48	---	27.53
MW-1	07/26/2001	2,600	26	2.3	<2.0	5.4	---	890	---	---	---	---	---	---	---	1.2	32.01	6.28	---	25.73
MW-1	10/02/2001	1,900	54	<2.0	7.8	14	---	890	450	<2.0	<2.0	<2.0	---	---	<500	1.6	32.01	6.53	---	25.48
MW-1	01/15/2002	2,300	19	2.8	9.3	12	---	370	---	---	---	---	---	---	---	1.9	32.01	5.00	---	27.01
MW-1	04/17/2002	4,500	20	2.0	1.3	4.6	---	500	---	---	---	---	---	---	---	2.4	32.01	5.63	---	26.38
MW-1	07/11/2002	2,700	25	1.1	<1.0	2.1	---	500	---	---	---	---	---	---	---	1.5	32.01	6.10	---	25.91
MW-1	10/10/2002	2,200	20	1.0	1.8	3.5	---	580	---	---	---	---	---	---	---	2.5	32.01	6.68	---	25.33
MW-1	01/21/2003	3,100	27	12	30	14	---	810	---	---	---	---	---	---	---	1.7	32.01	4.35	---	27.66
MW-1	05/02/2003	4,100	36	<25	<25	<50	---	1,000	---	---	---	---	---	---	---	2.1	32.01	5.19	---	26.82
MW-1	07/10/2003	1,900	37	<12	<12	<25	---	600	---	---	---	---	---	---	---	---	32.01	5.61	---	26.40
MW-1	10/28/2003	4,300	97	<10	10	<20	---	1,800	---	---	---	---	---	---	---	---	32.01	5.78	---	26.23
MW-1	01/13/2004	3,000	53	10	29	<10	---	510	---	---	---	---	---	---	---	---	32.01	4.95	---	27.06
MW-1	04/01/2004	3,000	85	29	11	15	---	310	---	---	---	---	---	---	---	---	32.01	5.05	---	26.96
MW-1	07/21/2004	3,200	130	19	7.7	18	---	410	1,100	<20	<20	<20	---	---	---	---	32.01	5.90	---	26.11
MW-1	10/20/2004	3,600	200	8.4	12	21	---	320	---	---	---	---	---	---	---	---	32.01	5.63	---	26.38
MW-1	01/19/2005	2,800	55	<5.0	21	17	---	170	---	---	---	---	---	---	---	---	32.01	4.64	---	27.37
MW-1	04/20/2005	2,600	28	<5.0	11	<10	---	140	---	---	---	---	---	---	---	---	32.01	3.75	---	28.26
MW-1	07/20/2005	2,000	20	<1.0	1.6	2.3	---	110	220	<4.0	<4.0	<4.0	---	---	---	---	32.01	6.19	---	25.82
MW-1	10/19/2005	2,200	21	0.80	2.1	1.9	---	80	---	---	---	---	---	---	---	---	32.01	7.20	---	24.81
MW-1	01/24/2006	7,000	35.5	2.24	119	17.1	---	80.2	---	---	---	---	---	---	---	---	32.01	4.04	---	27.97
MW-1	04/19/2006	2,030	10.3	1.04	2.44	<0.500	---	27.2	---	---	---	---	---	---	---	---	32.01	2.74	---	29.27
MW-1	07/19/2006	4,310	18.1	<0.500	1.48	<0.500	---	34.8	<10.0	<0.500	<0.500	<0.500	---	---	---	---	32.01	4.74	---	27.27
MW-1	10/18/2006	4,370	15.0	0.520	4.73	2.06	---	49.1	---	---	---	---	---	---	---	---	32.01	6.03	---	25.98
MW-1	01/17/2007	410	<0.50	<0.50	<0.50	<1.0	---	24	---	---	---	---	---	---	---	---	32.01	5.40	---	26.61
MW-1	04/18/2007	1,400 h	9.2	0.35 i	0.94 i	0.92 i	---	37	---	---	---	---	---	---	---	---	32.01	6.13	---	25.88
MW-1	07/18/2007	1,100 h	25	0.34 i	3.4	<1.0	---	72	63	<2.0	<2.0	<2.0	---	---	---	---	32.01	7.13	---	24.88
MW-1	10/18/2007	1,300 h	70	0.85 i	14	1.08 i	---	160	---	---	---	---	---	---	---	---	32.01	7.13	---	24.88
MW-1	01/16/2008	4,000 h	22	<1.0	14	3.5	---	33	---	---	---	---	---	---	---	---	32.01	5.02	---	26.99
MW-1	04/16/2008	1,800	12	<1.0	1.5	1.5	---	39	---	---	---	---	---	---	---	---	32.01	6.26	---	25.75
MW-1	07/16/2008	1,600	5.3	<1.0	<1.0	<1.0	---	32	27	<2.0	<2.0	<2.0	---	---	---	---	32.01	6.60	---	25.41
MW-1	10/15/2008	1,200	4.1	<1.0	<1.0	<1.0	---	20	---	---	---	---	---	---	---	---	32.01	6.85	---	25.16
MW-1	01/21/2009	1,300	6.7	<1.0	<1.0	<1.0	---	28	---	---	---	---	---	---	---	---	32.01	6.20	---	25.81
MW-1	04/15/2009	1,600	4.1	1.2	1.5	<1.0	---	5.2	---	---	---	---	---	---	---	---	32.01	4.90	---	27.11
MW-1	10/21/2009	5,300	54	2.2	89	3.6	---	35	20	<2.0	<2.0	<2.0	---	---	---	---	32.01	5.51	---	26.50
MW-1	04/21/2010	1,900	4.3	<1.0	<1.0	<1.0	---	3.6	---	---	---	---	---	---	---	---	32.01	4.93	---	27.08
MW-1	10/20/2010	1,400	18	<1.0	1.4	<1.0	---	32	---	---	---	---	---	---	---	---	32.01	7.39	---	24.62

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-1	04/20/2011	1,100	3.1	<0.50	1.1	<1.0	—	3.1	—	—	—	—	—	—	—	—	32.01	3.90	—	28.11
MW-1	10/18/2011	540	2.0	2.5	1.2	6.0	—	5.6	<10	<1.0	<1.0	<1.0	<0.50	<0.50	—	—	32.01	5.77	—	26.24
MW-1	04/18/2012	520	1.3	<0.50	0.75	<1.0	—	3.4	—	—	—	—	<0.50	<0.50	—	—	32.01	2.91	—	29.10
MW-1	10/17/2012	460	4.9	<0.50	<0.50	<1.0	—	13	—	—	—	—	<0.50	<0.50	—	—	32.01	7.40	—	24.61
MW-1	**04/17/2013**	**600**	**3.8**	**<0.50**	**0.63**	**<1.0**	**—**	**3.9**	**—**	**—**	**—**	**—**	**<0.50**	**<0.50**	**—**	**—**	**32.01**	**5.28**	**—**	**26.73**
MW-2	08/06/1991	50,000	15,000	—	2,700	13,000	—	—	—	—	—	—	—	—	—	—	21.56	9.72	—	11.84
MW-2	10/23/1991	120,000	11,000	1,400	3,500	19,000	—	—	—	—	—	—	—	—	—	—	21.56	10.03	—	11.53
MW-2	01/28/1992	49,000	7,400	800	1,800	8,300	—	—	—	—	—	—	—	—	—	—	21.56	8.78	—	12.78
MW-2	05/05/1992	52,000	12,000	1,100	2,200	12,000	—	—	—	—	—	—	—	—	—	—	21.56	7.58	—	13.98
MW-2	07/13/1992	47,000	15,000	2,400	4,500	16,000	—	—	—	—	—	—	—	—	—	—	21.56	9.63	—	11.93
MW-2	10/12/1992	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.56	11.66	0.03	9.92
MW-2	01/12/1993	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.56	7.13	0.01	14.44
MW-2	04/06/1993	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.56	6.40	<0.01	15.17
MW-2	07/12/1993	59,000	12,000	950	2,400	11,000	—	—	—	—	—	—	—	—	—	—	21.56	8.75	—	12.81
MW-2	10/13/1993	54,000	14,000	1,200	3,700	22,000	—	—	—	—	—	—	—	—	—	—	21.56	10.28	—	11.28
MW-2	01/20/1994	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.56	—	—	—
MW-2	04/13/1994	79,000	9,400	740	2,100	12,000	—	—	—	—	—	—	—	—	—	—	21.56	7.35	<0.01	14.22
MW-2	07/19/1994	63,000	13,000	810	1,900	13,000	—	—	—	—	—	—	—	—	—	—	21.56	8.24	—	13.32
MW-2	10/27/1994	64,000	8,800	480	2,100	10,000	—	—	—	—	—	—	—	—	—	—	21.56	10.26	—	11.30
MW-2	01/03/1995	67,000	9,800	720	2,800	11,000	—	—	—	—	—	—	—	—	—	—	21.56	6.44	—	15.12
MW-2	04/13/1995	83,000	10,000	490	2,600	13,000	—	—	—	—	—	—	—	—	—	—	21.56	5.89	—	15.67
MW-2	06/30/1995	65,000	12,000	1,800	2,400	12,000	—	—	—	—	—	—	—	—	—	—	21.56	7.41	—	14.15
MW-2	10/11/1995	68,000	8,800	840	3,000	13,000	1,400	—	—	—	—	—	—	—	—	—	21.56	8.02	—	13.54
MW-2	01/17/1996	79,000	12,000	640	2,700	14,000	2,200	—	—	—	—	—	—	—	—	—	21.56	7.42	—	14.14
MW-2	04/10/1996	84,000	7,200	310	1,700	7,800	2,900	—	—	—	—	—	—	—	—	—	21.56	6.91	—	14.65
MW-2	07/30/1996	26,000	6,800	210	1,300	5,500	4,500	—	—	—	—	—	—	—	—	—	21.56	7.63	—	13.93
MW-2	10/17/1996	46,000	9,800	340	2,000	6,500	4,900	—	—	—	—	—	—	—	—	1.8	21.56	8.27	—	13.29
MW-2	01/22/1997	52,000	6,200	220	1,400	6,600	3,000	—	—	—	—	—	—	—	—	1.9	21.56	7.09	—	14.47
MW-2	04/01/1997	69,000	6,000	380	2,400	11,000	3,800	—	—	—	—	—	—	—	—	2.0	21.56	6.91	—	14.65
MW-2	07/14/1997	53,000	7,700	260	1,600	5,200	2,400	—	—	—	—	—	—	—	—	1.2	21.56	9.93	—	11.63
MW-2	10/08/1997	56,000	8,500	320	1,600	5,100	4,200	—	—	—	—	—	—	—	—	2.1	21.56	10.43	—	11.13
MW-2	01/19/1998	64,000	10,000	230	2,400	12,000	2,700	—	—	—	—	—	—	—	—	2.4	21.56	3.60	—	17.96
MW-2	04/28/1998	45,000	9,800	310	2,700	11,000	2,400	2,000	—	—	—	—	—	—	—	2	21.56	4.81	—	16.75
MW-2	09/30/1998	42,000	7,400	200	2,600	9,800	1,800	—	—	—	—	—	—	—	—	1.6	21.58	7.20	—	14.38
MW-2	12/09/1998	60,000	7,000	270	1,600	7,000	2,100	—	—	—	—	—	—	—	—	4.6	21.58	7.11	—	14.47
MW-2	01/18/1999	45,000	7,960	151	1,750	6,410	1,310	—	—	—	—	—	—	—	—	1.8	21.58	6.83	—	14.75
MW-2	04/12/1999	47,400	7,680	131	1,840	6,400	<1,000	—	—	—	—	—	—	—	—	1.9	21.58	5.90	—	15.68

TABLE 2

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-2	07/27/1999	36,400	6,750	83.5	1,590	5,070	682	—	—	—	—	—	—	—	—	2.0	21.58	6.56	—	15.02
MW-2	10/14/1999	45,300	6,990	144	1,850	4,930	1,070	—	—	—	—	—	—	—	—	1.5	21.58	8.90	—	12.68
MW-2	01/06/2000	44,100	5,820	107	1,720	4,590	841	—	—	—	—	—	—	—	—	1.4	21.58	7.27	—	14.31
MW-2	04/05/2000	32,000	6,680	<100	1,770	4,030	934	—	—	—	—	—	—	—	—	1.3	21.58	5.32	—	16.26
MW-2	07/20/2000	32,100	5,290	68.6	1,870	3,810	254	—	—	—	—	—	—	—	—	2.9	21.58	5.47	—	16.11
MW-2	10/24/2000	24,400	4,680	<50.0	1,460	2,380	682	—	—	—	—	—	—	—	—	2.2	21.58	5.88	—	15.70
MW-2	01/19/2001	29,200	4,980	127	2,820	4,320	<500	—	—	—	—	—	—	—	—	1.4	32.54	5.96	—	26.58
MW-2	04/27/2001	40,000	5,400	67	2,800	5,100	—	380	—	—	—	—	—	—	—	1.1	32.54	5.87	—	26.67
MW-2	07/26/2001	42,000	4,700	59	2,800	4,300	—	<250	—	—	—	—	—	—	—	1.0	32.54	6.48	—	26.06
MW-2	10/02/2001	36,000	4,200	64	2,400	2,700	—	<200	—	—	—	—	—	—	—	1.6	32.54	6.65	—	25.89
MW-2	01/15/2002	39,000	4,100	46	2,200	2,300	—	280	—	—	—	—	—	—	—	1.8	32.54	5.81	—	26.73
MW-2	04/17/2002	30,000	3,800	44	2,100	2,100	—	270	—	—	—	—	—	—	—	1.6	32.54	6.03	—	26.51
MW-2	07/11/2002	34,000	3,600	18	2,700	2,200	—	110	—	—	—	—	—	—	—	2.7	32.54	6.49	—	26.05
MW-2	10/10/2002	26,000	2,600	19	1,900	810	—	<100	—	—	—	—	—	—	—	2.4	32.54	6.82	—	25.72
MW-2	01/21/2003	30,000	3,000	24	2,000	1,400	—	140	—	—	—	—	—	—	—	1.6	32.54	6.00	—	26.54
MW-2	05/02/2003	23,000	2,800	28	1,400	880	—	<250	—	—	—	—	—	—	—	1.7	32.54	5.85	—	26.69
MW-2	07/10/2003	20,000	3,800	<50	2,500	1,500	—	180	—	—	—	—	—	—	—	—	32.54	6.16	—	26.38
MW-2	10/28/2003	35,000	5,400	59	2,800	1,400	—	140	—	—	—	—	—	—	—	—	32.54	6.30	—	26.24
MW-2	01/13/2004	39,000	6,400	55	3,000	1,400	—	240	—	—	—	—	—	—	—	—	32.54	5.93	—	26.61
MW-2	04/01/2004	29,000	4,200	<50	2,300	1,000	—	140	—	—	—	—	—	—	—	—	32.54	5.99	—	26.55
MW-2	07/21/2004	43,000	3,900	<50	2,700	860	—	93	<500	<200	<200	<200	—	—	—	—	32.54	6.05	—	26.49
MW-2	10/20/2004	33,000	5,100	<50	2,800	950	—	97	—	—	—	—	—	—	—	—	32.54	6.10	—	26.44
MW-2	01/19/2005	27,000	3,400	<50	2,000	580	—	120	—	—	—	—	—	—	—	—	32.54	5.41	—	27.13
MW-2	04/20/2005	37,000	3,400	<50	1,900	580	—	110	—	—	—	—	—	—	—	—	32.54	5.86	—	26.68
MW-2	07/20/2005	33,000	3,900	<50	2,300	590	—	86	<500	<200	<200	<200	—	—	—	—	32.54	8.39	—	24.15
MW-2	10/19/2005	12,000	2,100	15	1,500	430	—	80	—	—	—	—	—	—	—	—	32.54	7.96	—	24.58
MW-2	01/24/2006	44,600	3,260	20.3	2,220	458	—	107	—	—	—	—	—	—	—	—	32.54	4.54	—	28.00
MW-2	04/19/2006	<2,500	2,520	13.2	1,610	343	—	104	—	—	—	—	—	—	—	—	32.54	4.63	—	27.91
MW-2	07/19/2006	41,900	2,460	10.9	1,670	322	—	78.2	<10.0	<0.500	<0.500	<0.500	—	—	—	—	32.54	5.48	—	27.06
MW-2	10/18/2006	49,400	2,490	11.0	2,130	320	—	47.6	—	—	—	—	—	—	—	—	32.54	6.50	—	26.04
MW-2	01/17/2007	16,000	2,200	12	1,600	260	—	56	—	—	—	—	—	—	—	—	32.54	6.19	—	26.35
MW-2	04/18/2007	22,000 h	2,100	14 i	1,700	289	—	100	—	—	—	—	—	—	—	—	32.54	6.70	—	25.84
MW-2	07/18/2007	19,000 h	2,100	12 i	2,000	267	—	61	<200	<40	<40	<40	—	—	—	—	32.54	7.60	—	24.94
MW-2	10/18/2007	24,000 h	2,400	17 i	2,200	253	—	150	—	—	—	—	—	—	—	—	32.54	8.55	—	23.99
MW-2	01/16/2008	26,000 h	2,400	<20	1,600	200	—	130	—	—	—	—	—	—	—	—	32.54	6.08	—	26.46
MW-2	04/16/2008	20,000	2,100	<20	1,400	180	—	200	—	—	—	—	—	—	—	—	32.54	6.80	—	25.74
MW-2	07/16/2008	23,000	1,600	<20	84	170	—	<20	<200	<40	<40	<40	—	—	—	—	32.54	6.71	—	25.83
MW-2	10/15/2008	17,000	1,300	<20	820	98	—	49	—	—	—	—	—	—	—	—	32.54	7.60	—	24.94

TABLE 2

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-2	01/21/2009	26,000	2,000	<20	1,200	130	---	130	---	---	---	---	---	---	---	---	32.54	6.71	---	25.83
MW-2	04/15/2009	28,000	2,200	<20	1,200	110	---	220	---	---	---	---	---	---	---	---	32.54	6.00	---	26.54
MW-2	10/21/2009	30,000	1,900	<20	1,200	130	---	110	<200	<40	<40	<40	---	---	---	---	32.54	7.12	---	25.42
MW-2	04/21/2010	16,000	2,100	<25	890	95	---	140	---	---	---	---	---	---	---	---	32.54	5.37	---	27.17
MW-2	10/20/2010	21,000	1,800	<20	730	97	---	110	---	---	---	---	---	---	---	---	32.54	7.90	---	24.64
MW-2	04/20/2011	17,000	1,400	<12	460	76	---	82	---	---	---	---	---	---	---	---	32.54	5.46	---	27.08
MW-2	10/18/2011	16,000	1,400	<10	250	93	---	73	<200	<20	<20	<20	<10	<10	---	---	32.54	6.89	---	25.65
MW-2	04/18/2012	17,000	1,100	<13	150	57	---	57	---	---	---	---	<13	<13	---	---	32.54	4.80	---	27.74
MW-2	10/17/2012	Well inaccessible to sampling equipment					---	---	---	---	---	---	---	---	---	---	32.54	7.78	---	24.76
MW-2	11/07/2012	16,000	1,400	<10	150	73	---	<10	<200	<10	<10	<10	<10	<10	---	---	32.54	7.26	---	25.28
MW-2	**04/17/2013**	**12,000**	**760**	**<10**	**89**	**33**	**---**	**34**	**---**	**---**	**---**	**---**	**<10**	**<10**	**---**	**---**	**32.54**	**5.88**	**---**	**26.66**
MW-3	08/06/1991	430	8.0	1.0	4.0	15	---	---	---	---	---	---	---	---	---	---	21.78	11.18	---	10.60
MW-3	10/23/1991	390	2.1	<0.3	0.48	2.0	---	---	---	---	---	---	---	---	---	---	21.78	11.69	---	10.09
MW-3	01/28/1992	190	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	---	21.78	9.99	---	11.79
MW-3	05/04/1992	190	<1	<1	<1	0.71	---	---	---	---	---	---	---	---	---	---	21.78	9.46	---	12.32
MW-3	07/20/1992	200 a	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	---	21.78	11.29	---	10.49
MW-3	10/12/1992	180 a	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	---	21.78	13.10	---	8.68
MW-3	01/12/1993	180	<0.5	2.3	0.90	5.6	---	---	---	---	---	---	---	---	---	---	21.78	7.32	---	14.46
MW-3	04/06/1993	280	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	---	21.78	7.44	---	14.34
MW-3	07/12/1993	310 a	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	---	21.78	10.62	---	11.16
MW-3	10/13/1993	150	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	---	21.78	12.05	---	9.73
MW-3	01/20/1994	180	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	---	21.78	9.62	---	12.16
MW-3	04/13/1994	270	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	---	21.78	9.15	---	12.63
MW-3	07/19/1994	190 a	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	---	21.78	10.13	---	11.65
MW-3	10/27/1994	160 a	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	---	21.78	11.66	---	10.12
MW-3	01/03/1995	100 a	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	---	21.78	6.89	---	14.89
MW-3	04/13/1995	120 a	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	---	21.78	6.79	---	14.99
MW-3	06/30/1995	180 a	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	---	21.78	8.94	---	12.84
MW-3	10/11/1995	150	2.2	<0.5	<0.5	<0.5	2.3	---	---	---	---	---	---	---	---	---	21.78	10.62	---	11.16
MW-3	01/17/1996	120	<0.5	<0.5	<0.5	<0.5	7.8	---	---	---	---	---	---	---	---	---	21.78	7.18	---	14.60
MW-3	04/10/1996	160	<0.5	<0.5	<0.5	<0.5	12	---	---	---	---	---	---	---	---	---	21.78	6.76	---	15.02
MW-3	07/30/1996	57	<0.5	<0.5	<0.5	<0.5	<2.5	---	---	---	---	---	---	---	---	---	21.78	9.04	---	12.74
MW-3	10/17/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---	---	---	---	---	---	---	2.0	21.78	9.04	---	12.74
MW-3	01/22/1997	<50	<0.5	<0.5	<0.5	<0.5	3.7	---	---	---	---	---	---	---	---	2.4	21.78	5.03	---	16.75
MW-3	04/01/1997	71	<0.50	<0.50	<0.50	<0.50	b	---	---	---	---	---	---	---	---	1.6	21.78	8.23	---	13.55
MW-3	07/14/1997	<50	<0.50	<0.50	<0.50	1.5	b	---	---	---	---	---	---	---	---	1.9	21.78	9.09	---	12.69
MW-3	10/08/1997	73	<0.50	<0.50	<0.50	<0.50	b	---	---	---	---	---	---	---	---	5.5	21.78	10.23	---	11.55

TABLE 2

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-3	12/05/1997	Well destroyed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3R	04/06/1999	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.83	9.89	—	11.94
MW-3R	04/12/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	—	—	—	—	—	—	—	—	2.1	21.83	5.83	—	16.00
MW-3R	07/27/1999	<50.0	<0.500	<0.500	<0.500	<0.500	4.15	—	—	—	—	—	—	—	—	2.0	21.83	9.59	—	12.24
MW-3R	10/14/1999	<50.0	<0.500	<0.500	<0.500	<0.500	9.43	—	—	—	—	—	—	—	—	0.6	21.83	10.00	—	11.83
MW-3R	01/06/2000	78	<0.500	<0.500	<0.500	<0.500	31	—	—	—	—	—	—	—	—	0.8	21.83	9.71	—	12.12
MW-3R	04/05/2000	<50.0	<0.500	<0.500	<0.500	<0.500	273	2,890 j	—	—	—	—	—	—	—	1.5	21.83	6.90	—	14.93
MW-3R	07/20/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	—	—	—	—	—	—	—	—	1.1	21.83	6.94	—	14.89
MW-3R	10/24/2000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.83	8.90	—	12.93
MW-3R	01/19/2001	<50.0	<0.500	<0.500	<0.500	<0.500	79.2	—	—	—	—	—	—	—	—	2.0	32.79	7.04	—	25.75
MW-3R	04/27/2001	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.79	7.38	—	25.41
MW-3R	07/26/2001	97	<0.50	<0.50	<0.50	<0.50	—	200	—	—	—	—	—	—	—	1.8	32.79	9.30	—	23.49
MW-3R	10/02/2001	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.79	9.41	—	23.38
MW-3R	01/15/2002	55	<0.50	<0.50	<0.50	<0.50	—	32	—	—	—	—	—	—	—	0.7	32.79	6.05	—	26.74
MW-3R	04/17/2002	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.79	7.70	—	25.09
MW-3R	07/11/2002	110	<0.50	<0.50	<0.50	<0.50	—	65	—	—	—	—	—	—	—	2.5	32.79	8.76	—	24.03
MW-3R	10/10/2002	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.79	9.65	—	23.14
MW-3R	01/21/2003	65	<0.50	<0.50	<0.50	<0.50	—	13	—	—	—	—	—	—	—	1.6	32.79	5.21	—	27.58
MW-3R	05/02/2003	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.79	6.08	—	26.71
MW-3R	07/10/2003	<50	<0.50	<0.50	<0.50	<1.0	—	11	—	—	—	—	—	—	—	—	32.79	8.20	—	24.59
MW-3R	10/28/2003	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.79	8.57	—	24.22
MW-3R	01/13/2004	<50	<0.50	<0.50	<0.50	<1.0	—	3.9	—	—	—	—	—	—	—	—	32.79	5.79	—	27.00
MW-3R	04/01/2004	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.79	7.22	—	25.57
MW-3R	07/21/2004	<50	<0.50	<0.50	<0.50	<1.0	—	2.7	<5.0	<2.0	<2.0	<2.0	—	—	—	—	32.79	8.55	—	24.24
MW-3R	10/20/2004	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.79	8.30	—	24.49
MW-3R	01/19/2005	<50	<0.50	<0.50	<0.50	<1.0	—	2.0	—	—	—	—	—	—	—	—	32.79	6.10	—	26.69
MW-3R	04/20/2005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.79	6.41	—	26.38
MW-3R	07/20/2005	<50	<0.50	<0.50	<0.50	<1.0	—	2.9	<5.0	<2.0	<2.0	<2.0	—	—	—	—	32.79	8.76	—	24.03
MW-3R	10/19/2005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.79	9.87	—	22.92
MW-3R	01/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	<0.500	—	—	—	—	—	—	—	—	32.79	5.96	—	26.83
MW-3R	04/19/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.79	6.07	—	26.72
MW-3R	07/19/2006	70.2	<0.500	<0.500	<0.500	<0.500	—	5.43	<10.0	<0.500	<0.500	<0.500	—	—	—	—	32.79	8.07	—	24.72
MW-3R	10/18/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.79	8.72	—	24.07
MW-3R	01/17/2007	<50	<0.50	<0.50	<0.50	<1.0	—	1.1	—	—	—	—	—	—	—	—	32.79	7.88	—	24.91
MW-3R	04/18/2007	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.79	8.37	—	24.42
MW-3R	07/18/2007	<50 h	<0.50	<1.0	<1.0	<1.0	—	2.2	<10	<2.0	<2.0	<2.0	—	—	—	—	32.79	9.80	—	22.99
MW-3R	01/16/2008	<50 h	<0.50	<1.0	<1.0	<1.0	—	1.6	<10	<2.0	<2.0	<2.0	—	—	—	—	32.79	6.65	—	26.14

TABLE 2

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-3R	04/16/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	32.79	8.31	---	24.48
MW-3R	07/16/2008	<50	<0.50	<1.0	<1.0	<1.0	---	4.4	<10	<2.0	<2.0	<2.0	---	---	---	---	32.79	9.33	---	23.46
MW-3R	10/15/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	32.79	10.00	---	22.79
MW-3R	01/21/2009	<50	<0.50	<1.0	<1.0	<1.0	---	3.0	---	---	---	---	---	---	---	---	32.79	8.20	---	24.59
MW-3R	04/15/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	32.79	7.05	---	25.74
MW-3R	10/21/2009	<50	<0.50	<1.0	<1.0	<1.0	---	1.8	<10	<2.0	<2.0	<2.0	---	---	---	---	32.79	7.61	---	25.18
MW-3R	04/21/2010	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	---	---	32.79	5.70	---	27.09
MW-3R	10/20/2010	65	<0.50	<1.0	<1.0	<1.0	---	6.7	---	---	---	---	---	---	---	---	32.79	9.75	---	23.04
MW-3R	04/20/2011	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	---	---	---	---	---	---	---	---	32.79	5.90	---	26.89
MW-3R	10/18/2011	<50	<0.50	<0.50	<0.50	<1.0	---	2.1	<10	<1.0	<1.0	<1.0	<0.50	<0.50	---	---	32.79	8.75	---	24.04
MW-3R	04/18/2012	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	<0.50	<0.50	---	---	32.79	5.23	---	27.56
MW-3R	10/17/2012	<50	<0.50	<0.50	<0.50	<1.0	---	4.8	---	---	---	---	<0.50	<0.50	---	---	32.79	10.00	---	22.79
MW-3R	**04/17/2013**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**0.59**	**---**	**---**	**---**	**---**	**<0.50**	**<0.50**	**---**	**---**	**32.79**	**7.32**	**---**	**25.47**
MW-4	08/06/1991	1,300	28	18	68	150	---	---	---	---	---	---	---	---	---	---	20.31	10.57	---	9.74
MW-4	10/23/1991	1,900	97	6.1	38	77	---	---	---	---	---	---	---	---	---	---	20.31	10.46	---	9.85
MW-4	01/28/1992	200	7.6	<0.5	3.0	3.3	---	---	---	---	---	---	---	---	---	---	20.31	9.54	---	10.77
MW-4	05/04/1992	690	98	3.0	13	<1	---	---	---	---	---	---	---	---	---	---	20.31	8.33	---	11.98
MW-4	07/13/1992	1,500	140	2.90	17	12	---	---	---	---	---	---	---	---	---	---	20.31	9.87	---	10.44
MW-4	10/12/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.31	12.43	0.78	8.50
MW-4	01/12/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.31	7.12	1.00	13.99
MW-4	04/06/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.31	7.23	0.95	13.84
MW-4	07/12/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.31	10.08	0.03	10.25
MW-4	10/13/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.31	11.35	0.12	9.06
MW-4	01/20/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.31	9.06	0.02	11.27
MW-4	04/13/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.31	8.58	0.01	11.74
MW-4	07/19/1994	12,000	230	43	230	660	---	---	---	---	---	---	---	---	---	---	20.31	9.71	---	10.60
MW-4	10/27/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.31	10.60	0.03	9.73
MW-4	01/03/1995	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.31	5.49	0.01	14.83
MW-4	04/13/1995	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.31	6.53	0.03	13.80
MW-4	06/30/1995	7,400	140	<0.5	160	350	---	---	---	---	---	---	---	---	---	---	20.31	9.57	---	10.74
MW-4	10/11/1995	3,000	29	10	100	82	9,700	---	---	---	---	---	---	---	---	---	20.31	10.30	---	10.01
MW-4	01/17/1996	9,700	190	<0.5	190	410	4,500	---	---	---	---	---	---	---	---	---	20.31	6.68	---	13.63
MW-4	04/10/1996	2,800	16	<0.5	22	50	6,100	---	---	---	---	---	---	---	---	---	20.31	7.90	---	12.41
MW-4	07/30/1996	1,600	68	<12	58	39	8,500	---	---	---	---	---	---	---	---	2.8	20.31	8.73	---	11.58
MW-4	10/17/1996	4,800	120	<25	150	96	11,000	---	---	---	---	---	---	---	---	2.8	20.31	7.63	---	12.68
MW-4	01/22/1997	12,000	83	<20	170	240	4,300	---	---	---	---	---	---	---	---	2.6	20.31	5.26	---	15.05
MW-4	04/01/1997	4,800	65	<5.0	81	93	3,200	---	---	---	---	---	---	---	---	2.4	20.31	8.02	---	12.29

TABLE 2

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-4	07/14/1997	2,400	35	<10	30	20	6,000	---	---	---	---	---	---	---	---	2.0	20.31	10.05	---	10.26
MW-4	10/08/1997	2,900	66	<20	<20	<20	7,300	---	---	---	---	---	---	---	---	5.9	20.31	10.22	---	10.09
MW-4	01/19/1998	Inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	---	20.31	---	---	---
MW-4	04/28/1998	Inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	---	20.31	---	---	---
MW-4	09/30/1998	1,300	57	8.7	58	37	3,600	---	---	---	---	---	---	---	---	2.9	20.92	9.31	---	11.61
MW-4	12/09/1998	3,500	130	<5.0	100	36	3,200	4,500	---	---	---	---	---	---	---	2.2	20.92	9.30	---	11.62
MW-4	01/18/1999	7,040	321	<25.0	273	<25.0	4,830	4,660	---	---	---	---	---	---	---	2.3	20.92	8.60	---	12.32
MW-4	04/12/1999	1,540	47.6	<10.0	24.4	<10.0	2,760	---	---	---	---	---	---	---	---	1.9	20.92	6.25	---	14.67
MW-4	07/27/1999	3,570	214	<25.0	58.3	31.0	5,440	7,280 j	---	---	---	---	---	---	---	1.9	20.92	9.33	---	11.59
MW-4	10/14/1999	3,920	157	<25.0	103	<25.0	6,550	8,990	---	---	---	---	---	---	---	1.7	20.92	9.93	---	10.99
MW-4	01/06/2000	5,030	247	7.2	169	37.7	6,860	7,400	---	---	---	---	---	---	---	1.7	20.92	9.31	---	11.61
MW-4	04/05/2000	1,870	120	<5.00	15.1	<5.00	4,400	2,890 j	---	---	---	---	---	---	---	1.8	20.92	6.00	---	14.92
MW-4	07/20/2000	6,740	114	36.4	71.9	28.2	1,900	---	---	---	---	---	---	---	---	2.1	20.92	6.10	---	14.82
MW-4	10/24/2000	2,120	108	8.28	12.5	<5.00	6,070	5,950	---	---	---	---	---	---	---	1.1	20.92	8.90	---	12.02
MW-4	01/19/2001	3,330	67.2	<5.00	7.18	<5.00	3,620	4,330	---	---	---	---	---	---	---	1.8	31.88	7.25	---	24.63
MW-4	04/27/2001	1,600	79	<10	<10	<10	---	3,900	---	---	---	---	---	---	---	1.4	31.88	7.41	---	24.47
MW-4	07/26/2001	2,700	140	<20	24	<20	---	4,700	---	---	---	---	---	---	---	1.8	31.88	8.20	---	23.68
MW-4	10/02/2001	4,600	170	<10	50	<10	---	6,300	2,600	<10	<10	<10	---	---	<500	2.1	31.88	8.55	---	23.33
MW-4	01/15/2002	1,000	34	<5.0	<5.0	9.8	---	2,800	---	---	---	---	---	---	---	2.7	31.88	6.53	---	25.35
MW-4	04/17/2002	1,400	92	<10	<10	11	---	4,100	---	---	---	---	---	---	---	2.4	31.88	7.00	---	24.88
MW-4	07/11/2002	1,800	82	<10	<10	11	---	4,500	---	---	---	---	---	---	---	2.1	31.88	8.49	---	23.39
MW-4	10/10/2002	7,400	230	<10	45	<10	---	6,600	---	---	---	---	---	---	---	2.5	31.88	9.05	---	22.83
MW-4	01/21/2003	1,400	27	<2.5	<2.5	<2.5	---	1,200	---	---	---	---	---	---	---	0.4	31.88	6.50	---	25.38
MW-4	05/02/2003	<2,500	80	<25	<25	<50	---	2,500	---	---	---	---	---	---	---	1.3	31.88	6.97	---	24.91
MW-4	07/10/2003	<2,500	93	<25	<25	<50	---	2,800	---	---	---	---	---	---	---	---	31.88	7.74	---	24.14
MW-4	10/28/2003	4,000	120	<10	<10	<20	---	2,100	---	---	---	---	---	---	---	---	31.88	8.43	---	23.45
MW-4	01/13/2004	2,000	45	<5.0	<5.0	<10	---	620	---	---	---	---	---	---	---	---	31.88	6.75	---	25.13
MW-4	04/01/2004	1,400	17	<2.5	<2.5	<5.0	---	540	---	---	---	---	---	---	---	---	31.88	6.40	---	25.48
MW-4	07/21/2004	3,100	120	<2.5	11	<5.0	---	900	2,200	<10	<10	<10	---	---	---	---	31.88	8.23	---	23.65
MW-4	10/20/2004	3,600	97	<2.5	9.7	<5.0	---	470	---	---	---	---	---	---	---	---	31.88	8.30	---	23.58
MW-4	01/19/2005	1,600	15	<2.5	<2.5	<5.0	---	220	---	---	---	---	---	---	---	---	31.88	5.83	---	26.05
MW-4	04/20/2005	1,300	8.8	<2.5	<2.5	<5.0	---	210	---	---	---	---	---	---	---	---	31.88	6.12	---	25.76
MW-4	07/20/2005	1,600	34	<2.5	3.8	<5.0	---	280	1,100	<10	<10	<10	---	---	---	---	31.88	8.35	---	23.53
MW-4	10/19/2005	2,400	74	1.1	7.2	<2.0	---	360	---	---	---	---	---	---	---	---	31.88	9.25	---	22.63
MW-4	01/24/2006	3,290	17.2	<0.500	3.02	<0.500	---	159	---	---	---	---	---	---	---	---	31.88	6.32	---	25.56
MW-4	04/19/2006	430	6.40	<0.500	0.610	<0.500	---	134	---	---	---	---	---	---	---	---	31.88	5.03	---	26.85
MW-4	07/19/2006	5,020	48.7	0.760	6.67	<0.500	---	234	582	<0.500	<0.500	<0.500	---	---	---	---	31.88	7.90	---	23.98
MW-4	10/18/2006	9,220	48.4	1.07	16.7	4.45	---	233	---	---	---	---	---	---	---	---	31.88	8.68	---	23.20

TABLE 2

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-4	01/17/2007	1,700	13	<2.5	<2.5	<5.0	—	120	—	—	—	—	—	—	—	—	31.88	7.83	—	24.05
MW-4	04/18/2007	1,200 h	9.2	0.50 i	1.3	1.13 i	—	120	—	—	—	—	—	—	—	—	31.88	7.99	—	23.89
MW-4	07/18/2007	2,100 h	21	0.71 i	2.6	1.22 i	—	150	730	<2.0	<2.0	<2.0	—	—	—	—	31.88	9.15	—	22.73
MW-4	10/18/2007	940 h	32	1.2	11	2.57 i	—	160	—	—	—	—	—	—	—	—	31.88	8.64	—	23.24
MW-4	01/16/2008	2,300 h	8.5	<1.0	<1.0	<1.0	—	110	—	—	—	—	—	—	—	—	31.88	6.98	—	24.90
MW-4	04/16/2008	1,700	4.2	<1.0	1.0	<1.0	—	110	—	—	—	—	—	—	—	—	31.88	7.98	—	23.90
MW-4	07/16/2008	3,700	34	1.5	1.3	2.5	—	150	740	<2.0	<2.0	<2.0	—	—	—	—	31.88	9.12	—	22.76
MW-4	10/15/2008	3,700	18	<2.0	7.9	2.2	—	120	—	—	—	—	—	—	—	—	31.88	9.55	—	22.33
MW-4	01/21/2009	3,000	6.4	<1.0	1.9	1.1	—	86	—	—	—	—	—	—	—	—	31.88	7.90	—	23.98
MW-4	04/15/2009	2,000	2.2	<1.0	<1.0	<1.0	—	68	—	—	—	—	—	—	—	—	31.88	7.20	—	24.68
MW-4	10/21/2009	2,600	4.2	<1.0	1.3	<1.0	—	86	430	<2.0	<2.0	<2.0	—	—	—	—	31.88	7.45	—	24.43
MW-4	04/21/2010	1,000	2.3	<1.0	1.3	<1.0	—	46	—	—	—	—	—	—	—	—	31.88	5.60	—	26.28
MW-4	10/20/2010	3,100	2.3	<1.0	1.3	<1.0	—	83	—	—	—	—	—	—	—	—	31.88	9.16	—	22.72
MW-4	04/20/2011	820	<0.50	<0.50	<0.50	<1.0	—	31	—	—	—	—	—	—	—	—	31.88	6.70	—	25.18
MW-4	10/18/2011	2,300	27	30	12	60	—	25	280	<1.0	<1.0	<1.0	<0.50	<0.50	—	—	31.88	8.51	—	23.37
MW-4	04/18/2012	1,500	0.67	<0.50	0.63	<1.0	—	14	—	—	—	—	<0.50	<0.50	—	—	31.88	5.41	—	26.47
MW-4	10/17/2012	2,200	0.51	0.59	0.91	<1.0	—	43	—	—	—	—	<0.50	<0.50	—	—	31.88	9.40	—	22.48
MW-4	**04/17/2013**	**820**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**—**	**37**	**—**	**—**	**—**	**—**	**<0.50**	**<0.50**	**—**	**—**	**31.88**	**7.38**	**—**	**24.50**
MW-5	08/06/1991	9,100	210	27	240	660	—	—	—	—	—	—	—	—	—	—	20.91	10.23	—	10.68
MW-5	10/23/1991	12,000	92	18	230	450	—	—	—	—	—	—	—	—	—	—	20.91	10.89	—	10.02
MW-5	01/28/1992	3,300	130	10	180	220	—	—	—	—	—	—	—	—	—	—	20.91	8.45	—	12.46
MW-5	05/04/1992	3,900	95	<12.5	260	120	—	—	—	—	—	—	—	—	—	—	20.91	8.05	—	12.86
MW-5	07/13/1992	4,100	180	12	250	73	—	—	—	—	—	—	—	—	—	—	20.91	10.00	—	10.91
MW-5	10/12/1992	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.91	11.83	0.01	9.09
MW-5	01/12/1993	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.91	6.10	<0.01	14.82
MW-5	04/06/1993	6,200	71	<0.5	53	150	—	—	—	—	—	—	—	—	—	—	20.91	6.18	—	14.73
MW-5	07/12/1993	3,400	130	<0.5	170	130	—	—	—	—	—	—	—	—	—	—	20.91	9.59	—	11.32
MW-5	10/13/1993	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.91	10.80	0.03	10.13
MW-5	01/20/1994	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.91	7.42	0.01	13.50
MW-5	04/13/1994	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.91	7.05	0.01	13.87
MW-5	07/19/1994	11,000	180	13	180	260	—	—	—	—	—	—	—	—	—	—	20.91	8.57	—	12.34
MW-5	10/27/1994	6,900	82	<5	210	1,110	—	—	—	—	—	—	—	—	—	—	20.91	10.14	—	10.77
MW-5	01/03/1995	12,000	110	46	790	510	—	—	—	—	—	—	—	—	—	—	20.91	5.84	—	15.07
MW-5	04/13/1995	10,000	61	<20	330	140	—	—	—	—	—	—	—	—	—	—	20.91	5.28	—	15.63
MW-5	06/30/1995	12,000	180	8.60	440	340	—	—	—	—	—	—	—	—	—	—	20.91	7.43	—	13.48
MW-5	10/11/1995	11,000	<50	<50	440	340	5,100	—	—	—	—	—	—	—	—	—	20.91	8.90	—	12.01
MW-5	01/17/1996	82,000	330	120	960	1,400	820	—	—	—	—	—	—	—	—	—	20.91	6.40	—	14.51

TABLE 2

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-5	04/10/1996	23,000	<50	<50	360	190	770	—	—	—	—	—	—	—	—	—	20.91	5.70	—	15.21
MW-5	07/30/1996	38,000	3,000	<100	1,100	2,600	560	—	—	—	—	—	—	—	—	—	20.91	7.71	—	13.20
MW-5	10/17/1996	13,000	36	<10	210	160	720	—	—	—	—	—	—	—	—	1.4	20.91	9.04	—	11.87
MW-5	01/22/1997	20,000	63	<50	380	390	650	—	—	—	—	—	—	—	—	1.6	20.91	4.85	—	16.06
MW-5	04/01/1997	16,000	110	<50	390	320	2,200	—	—	—	—	—	—	—	—	1.4	20.91	6.54	—	14.37
MW-5	07/14/1997	15,000	70	<20	220	170	450	—	—	—	—	—	—	—	—	1.8	20.91	8.54	—	12.37
MW-5	10/08/1997	9,100	27	11	170	57	530	—	—	—	—	—	—	—	—	4.7	20.91	9.09	—	11.82
MW-5	01/19/1998	9,500	92	<50	200	77	1,100	—	—	—	—	—	—	—	—	2.5	20.91	2.11	—	18.80
MW-5	04/28/1998	15,000	100	53	150	80	460	—	—	—	—	—	—	—	—	2.2	20.91	4.90	—	16.01
MW-5	09/30/1998	11,000	120	<100	240	200	<500	—	—	—	—	—	—	—	—	2.0	21.71	8.05	—	13.66
MW-5	12/09/1998	45,000	<200	<200	240	240	<1,000	—	—	—	—	—	—	—	—	4.7	21.71	8.62	—	13.09
MW-5	01/18/1999	9,120	13.8	<2.50	315	74.5	131	—	—	—	—	—	—	—	—	2.1	21.71	6.75	—	14.96
MW-5	04/12/1999	16,200	80.9	<50.0	163	<50.0	8,310	—	—	—	—	—	—	—	—	2.3	21.71	4.80	—	16.91
MW-5	07/27/1999	6,820	<5.00	<5.00	99.7	<5.00	216	—	—	—	—	—	—	—	—	2.1	21.71	6.25	—	15.46
MW-5	10/14/1999	10,800	47.8	<12.5	313	23.1	232	—	—	—	—	—	—	—	—	2.8	21.71	6.93	—	14.78
MW-5	01/06/2000	9,920	39.8	15.4	220	69.6	478	—	—	—	—	—	—	—	—	2.9	21.71	7.52	—	14.19
MW-5	04/05/2000	8,370	68.3	20.1	40.2	<10.0	1,570	—	—	—	—	—	—	—	—	0.4	21.71	5.31	—	16.40
MW-5	07/20/2000	15,500	60.5	181	104	108	460	—	—	—	—	—	—	—	—	1.7	21.71	5.40	—	16.31
MW-5	10/24/2000	5,170	24.3	12.6	16.5	9.79	130	—	—	—	—	—	—	—	—	1.3	21.71	5.59	—	16.12
MW-5	01/19/2001	4,000	<5.00	17.4	88.1	22.6	371	—	—	—	—	—	—	—	—	1.0	32.67	5.05	—	27.62
MW-5	04/27/2001	3,100	<1.0	<1.0	2.6	1.3	—	210	—	—	—	—	—	—	—	1.3	32.67	5.38	—	27.29
MW-5	07/26/2001	11,000	1.4	<1.0	13	2.2	—	46	—	—	—	—	—	—	—	1.6	32.67	7.17	—	25.50
MW-5	10/02/2001	5,300	6.2	3.4	60	11	—	<100	—	—	—	—	—	—	—	2.2	32.67	7.86	—	24.81
MW-5	01/15/2002	3,800	1.0	<0.50	1.7	0.60	—	120	—	—	—	—	—	—	—	1.7	32.67	4.35	—	28.32
MW-5	04/17/2002	4,600	0.61	<0.50	1.5	<0.50	—	140	—	—	—	—	—	—	—	0.5	32.67	6.04	—	26.63
MW-5	07/11/2002	7,200	1.8	0.58	5.9	0.78	—	130	—	—	—	—	—	—	—	4.2	32.67	6.72	—	25.95
MW-5	10/10/2002	4,300	3.2	<1.0	3.5	<1.0	—	86	—	—	—	—	—	—	—	2.5	32.67	6.99	—	25.68
MW-5	01/21/2003	4,300	2.4	<0.50	7.8	0.67	—	170	—	—	—	—	—	—	—	0.5	32.67	5.09	—	27.58
MW-5	05/02/2003	3,600 d	<10	<10	<10	<20	—	170	—	—	—	—	—	—	—	0.05	32.67	5.14	—	27.53
MW-5	07/10/2003	2,700	2.1	<1.0	4.8	<2.0	—	48	—	—	—	—	—	—	—	—	32.67	5.68	—	26.99
MW-5	10/28/2003	7,500	<5.0	<5.0	11	<10	—	63	—	—	—	—	—	—	—	—	32.67	5.79	—	26.88
MW-5	01/13/2004	3,800	<2.5	<2.5	6.9	<5.0	—	140	—	—	—	—	—	—	—	—	32.67	4.69	—	27.98
MW-5	04/01/2004	3,800	<5.0	<5.0	<5.0	<10	—	180	—	—	—	—	—	—	—	—	32.67	5.60	—	27.07
MW-5	07/21/2004	2,500	<5.0	<5.0	<5.0	<10	—	85	59	<20	<20	<20	—	—	—	—	32.67	6.50	—	26.17
MW-5	10/20/2004	4,900	<5.0	<5.0	<5.0	<10	—	120	—	—	—	—	—	—	—	—	32.67	6.87	—	25.80
MW-5	01/19/2005	3,200	<5.0	<5.0	<5.0	<10	—	110	—	—	—	—	—	—	—	—	32.67	4.73	—	27.94
MW-5	04/20/2005	3,300	<5.0	<5.0	<5.0	<10	—	53	—	—	—	—	—	—	—	—	32.67	5.29	—	27.38
MW-5	07/20/2005	2,100	<1.0	<1.0	1.0	<2.0	—	110	51	<4.0	<4.0	<4.0	—	—	—	—	32.67	7.00	—	25.67

TABLE 2

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-5	10/19/2005	2,900	1.7	<1.0	2.8	<2.0	—	140	—	—	—	—	—	—	—	—	32.67	8.91	—	23.76
MW-5	01/24/2006	4,890	0.670	2.41	4.89	<0.500	—	37.9	—	—	—	—	—	—	—	—	32.67	4.90	—	27.77
MW-5	04/19/2006	5,010	0.710	1.26	1.09	<0.500	—	67.1	—	—	—	—	—	—	—	—	32.67	3.46	—	29.21
MW-5	07/19/2006	9,180	<0.500	<0.500	0.790	<0.500	—	2.92 g	<10.0	<0.500	<0.500	<0.500	—	—	—	—	32.67	5.32	—	27.35
MW-5	10/18/2006	6,110	1.07	1.02	2.48	<0.500	—	36.5	—	—	—	—	—	—	—	—	32.67	6.48	—	26.19
MW-5	01/17/2007	1,300	<0.50	<0.50	0.74	<1.0	—	27	—	—	—	—	—	—	—	—	32.67	6.14	—	26.53
MW-5	04/18/2007	4,500 h	0.31 i	0.33 i	0.75 i	0.99 i	—	60	—	—	—	—	—	—	—	—	32.67	6.75	—	25.92
MW-5	07/18/2007	4,600 h	0.80 i	<5.0	<5.0	0.91 i	—	69	42 i	<10	<10	<10	—	—	—	—	32.67	8.51	—	24.16
MW-5	10/18/2007	2,800 h	0.66	<1.0	0.32 i	<1.0	—	120	—	—	—	—	—	—	—	—	32.67	8.28	—	24.39
MW-5	01/16/2008	2,900 h	0.89	<1.0	2.6	<1.0	—	32	—	—	—	—	—	—	—	—	32.67	5.65	—	27.02
MW-5	04/16/2008	1,600	<0.50	<1.0	<1.0	<1.0	—	39	—	—	—	—	—	—	—	—	32.67	6.62	—	26.05
MW-5	07/16/2008	11,000	<5.0	<10	<10	<10	—	<10	<100	<20	<20	<20	—	—	—	—	32.67	6.99	—	25.68
MW-5	10/15/2008	11,000	<2.5	<5.0	<5.0	<5.0	—	42	—	—	—	—	—	—	—	—	32.67	8.20	—	24.47
MW-5	01/21/2009	3,300	<0.50	<1.0	<1.0	<1.0	—	29	—	—	—	—	—	—	—	—	32.67	7.11	—	25.56
MW-5	04/15/2009	3,300	<0.50	<1.0	<1.0	<1.0	—	11	—	—	—	—	—	—	—	—	32.67	5.75	—	26.92
MW-5	10/21/2009	1,700	<0.50	<1.0	<1.0	<1.0	—	32	28	<2.0	<2.0	<2.0	—	—	—	—	32.67	6.58	—	26.09
MW-5	04/21/2010	2,100	<0.50	<1.0	1.1	<1.0	—	8.3	—	—	—	—	—	—	—	—	32.67	4.94	—	27.73
MW-5	10/20/2010	6,800	<1.0	<2.0	<2.0	<2.0	—	24	—	—	—	—	—	—	—	—	32.67	7.96	—	24.71
MW-5	04/20/2011	2,000	<0.50	<0.50	<0.50	<1.0	—	9.6	—	—	—	—	—	—	—	—	32.67	4.85	—	27.82
MW-5	10/18/2011	5,200	4.1	6.2	3.2	17	—	8.4	11	<1.0	<1.0	<1.0	<0.50	<0.50	—	—	32.67	6.70	—	25.97
MW-5	04/18/2012	4,100	<1.3	<1.3	<1.3	<2.5	—	7.4	—	—	—	—	<1.3	<1.3	—	—	32.67	3.81	—	28.86
MW-5	10/17/2012	1,100	<0.50	<0.50	<0.50	<1.0	—	15	—	—	—	—	<0.50	<0.50	—	—	32.67	8.61	—	24.06
MW-5	**04/17/2013**	**1,700**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**—**	**12**	**—**	**—**	**—**	**—**	**<0.50**	**<0.50**	**—**	**—**	**32.67**	**6.30**	**—**	**26.37**
MW-6	08/06/1991	28,000	1,400	200	1,300	4,200	—	—	—	—	—	—	—	—	—	—	22.32	10.61	—	11.71
MW-6	10/23/1991	53,000	1,400	230	1,800	6,700	—	—	—	—	—	—	—	—	—	—	22.32	11.68	—	10.64
MW-6	01/28/1992	87,000	1,200	470	2,000	6,600	—	—	—	—	—	—	—	—	—	—	22.32	8.90	—	13.42
MW-6	05/05/1992	230,000	<500	<500	3,200	11,000	—	—	—	—	—	—	—	—	—	—	22.32	8.01	—	14.31
MW-6	07/13/1992	2,700,000	<2,500	3,500	14,000	36,000	—	—	—	—	—	—	—	—	—	—	22.32	10.77	—	11.55
MW-6	10/12/1992	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	22.32	8.68	0.48	14.02
MW-6	01/12/1993	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	22.32	6.40	<0.01	15.93
MW-6	04/06/1993	320,000	2,500	14,000	980	14,000	—	—	—	—	—	—	—	—	—	—	22.32	5.93	—	16.39
MW-6	07/12/1993	31,000	1,100	4,500	150	4,500	—	—	—	—	—	—	—	—	—	—	22.32	10.25	—	12.07
MW-6	10/13/1993	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	22.32	12.28	0.20	10.20
MW-6	01/20/1994	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	22.32	9.14	0.02	13.20
MW-6	04/13/1994	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	22.32	7.67	0.01	14.66
MW-6	07/19/1994	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	22.32	10.07	0.07	12.31
MW-6	10/27/1994	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	22.32	11.84	0.11	10.57

TABLE 2

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-6	01/03/1995	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	22.32	7.80	0.02	14.54
MW-6	04/13/1995	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	22.32	5.77	0.02	16.57
MW-6	06/30/1995	1,100,000	6,600	6,100	12,000	29,000	—	—	—	—	—	—	—	—	—	—	22.32	7.78	—	14.54
MW-6	10/11/1995	30,000	130	<50	1,400	4,200	710	—	—	—	—	—	—	—	—	—	22.32	10.06	—	12.26
MW-6	01/17/1996	450,000	510	1,400	2,700	11,000	630	—	—	—	—	—	—	—	—	—	22.32	6.91	—	15.41
MW-6	04/10/1996	22,000	47	<10	350	860	<50	—	—	—	—	—	—	—	—	—	22.32	5.92	—	16.40
MW-6	07/30/1996	38,000	3,000	<100	1,100	2,600	560	—	—	—	—	—	—	—	—	—	22.32	8.97	—	13.35
MW-6	10/17/1996	34,000	470	<100	1,300	3,900	<500	—	—	—	—	—	—	—	—	1.0	22.32	9.87	—	12.45
MW-6	01/22/1997	26,000	<100	<100	600	1,700	<500	—	—	—	—	—	—	—	—	1.3	22.32	4.43	—	17.89
MW-6	04/01/1997	30,000	96	33	840	2,600	190	—	—	—	—	—	—	—	—	1.4	22.32	6.84	—	15.48
MW-6	07/14/1997	29,000	200	<100	690	2,000	<500	—	—	—	—	—	—	—	—	2.3	22.32	10.30	—	12.02
MW-6	10/08/1997	55,000	500	110	640	1,500	900	—	—	—	—	—	—	—	—	0.0	22.32	10.46	—	11.86
MW-6	12/05/1997	Well destroyed		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-6R	04/06/1999	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	22.19	12.13	—	10.06
MW-6R	04/12/1999	26,100	1,750	68.5	2,160	4,450	765	—	—	—	—	—	—	—	—	2.4	22.19	6.10	—	16.09
MW-6R	07/27/1999	25,600	1,190	30.5	1,810	3,030	163	—	—	—	—	—	—	—	—	2.5	22.19	8.60	—	13.59
MW-6R	10/14/1999	21,400	999	<50.0	1,400	1,680	<500	—	—	—	—	—	—	—	—	2.0	22.19	9.35	—	12.84
MW-6R	01/06/2000	17,800	1,440	<50.0	1,310	2,340	301	—	—	—	—	—	—	—	—	2.1	22.19	9.18	—	13.01
MW-6R	04/05/2000	24,400	1,470	63.1	1,750	3,590	496	—	—	—	—	—	—	—	—	0.4	22.19	6.26	—	15.93
MW-6R	07/20/2000	17,200	1,070	42.9	1,260	2,490	725	—	—	—	—	—	—	—	—	2.6	22.19	6.79	—	15.40
MW-6R	10/24/2000	17,200	1,890	107	869	1,620	1,320	—	—	—	—	—	—	—	—	1.1	22.19	7.40	—	14.79
MW-6R	01/19/2001	15,000	1,120	40.2	1,240	2,230	1,670	—	—	—	—	—	—	—	—	1.4	33.15	6.16	—	26.99
MW-6R	04/27/2001	25,000	1,300	24	1,300	2,400	—	400	—	—	—	—	—	—	—	1.0	33.15	6.93	—	26.22
MW-6R	07/26/2001	31,000	1,500	31	1,800	3,000	—	370	—	—	—	—	—	—	—	1.4	33.15	9.12	—	24.03
MW-6R	10/02/2001	28,000	1,100	28	1,800	2,800	—	160	—	—	—	—	—	—	—	2.1	33.15	8.88	—	24.27
MW-6R	01/15/2002	17,000	1,400	19	900	1,500	—	650	—	—	—	—	—	—	—	2.1	33.15	5.46	—	27.69
MW-6R	04/17/2002	33,000	1,600	33	1,700	3,100	—	220	—	—	—	—	—	—	—	2.2	33.15	7.68	—	25.47
MW-6R	07/11/2002	25,000	1,200	21	1,300	1,900	—	240	—	—	—	—	—	—	—	1.6	33.15	8.75	—	24.40
MW-6R	10/10/2002	83,000 c	1,400	34	2,000	4,400	—	290	—	—	—	—	—	—	—	1.0	33.15	9.27	—	23.88
MW-6R	01/21/2003	20,000	1,200	18	1,100	1,700	—	340	—	—	—	—	—	—	—	1.2	33.15	6.95	—	26.20
MW-6R	05/02/2003	28,000	1,600	32	1,600	2,400	—	300	—	—	—	—	—	—	—	1.6	33.15	7.50	—	25.65
MW-6R	07/10/2003	19,000	1,600	<25	1,400	2,000	—	730	—	—	—	—	—	—	—	—	33.15	8.60	—	24.55
MW-6R	10/28/2003	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33.15	8.91	0.26	24.45
MW-6R	11/24/2003	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33.15	8.47	0.15	24.80
MW-6R	01/13/2004	87,000	1,300	<50	3,300	6,700	—	160	—	—	—	—	—	—	—	—	33.15	6.52	—	26.63
MW-6R	04/01/2004	39,000	1,300	<50	2,400	3,500	—	160	—	—	—	—	—	—	—	—	33.15	6.90	—	26.25
MW-6R	07/21/2004	51,000	970	<50	3,200	6,700	—	120	<500	<200	<200	<200	—	—	—	—	33.15	8.40	—	24.75

TABLE 2

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-6R	10/20/2004	140,000	1,700	<50	4,300	7,400	—	210	—	—	—	—	—	—	—	—	33.15	8.61	<0.01	24.55
MW-6R	01/19/2005	44,000	1,300	<50	2,700	3,300	—	140	—	—	—	—	—	—	—	—	33.15	6.11	—	27.04
MW-6R	04/20/2005	26,000	340	<50	800	920	—	<50	—	—	—	—	—	—	—	—	33.15	7.01	—	26.14
MW-6R	07/20/2005	35,000	640	<50	2,000	2,200	—	83	<500	<200	<200	<200	—	—	—	—	33.15	8.64	—	24.51
MW-6R	10/19/2005	57,000	1,100	<50	2,600	2,400	—	100	—	—	—	—	—	—	—	—	33.15	10.10	—	23.05
MW-6R	01/24/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33.15	5.95	0.04	27.23
MW-6R	04/19/2006	62,200	1,040	9.41	1,430	1,280	—	130	—	—	—	—	—	—	—	—	33.15	4.95	0.01	28.21
MW-6R	07/19/2006	33,500	1,370	6.34	878	393	—	362 g	<10.0	<0.500	<0.500	<0.500	—	—	—	—	33.15	7.74	—	25.41
MW-6R	10/18/2006	127,000	1,220	9.07	2,150	1,330	—	130	—	—	—	—	—	—	—	—	33.15	8.74	—	24.41
MW-6R	01/17/2007	20,000	880	<12	1,400	730	—	75	—	—	—	—	—	—	—	—	33.15	7.92	—	25.23
MW-6R	04/18/2007	30,000 h	790	5.7	600	257.5	—	180	—	—	—	—	—	—	—	—	33.15	8.19	—	24.96
MW-6R	07/18/2007	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33.15	9.70	0.10	23.53
MW-6R	10/18/2007	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33.15	9.39	0.16	23.89
MW-6R	01/16/2008	39,000 h	590	<5.0	580	160	—	150	—	—	—	—	—	—	—	—	33.15	7.15	—	26.00
MW-6R	04/16/2008	3,800	150	1.4	170	83.5	—	27	—	—	—	—	—	—	—	—	33.15	8.18	—	24.97
MW-6R	07/16/2008	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33.15	9.36	0.06	23.84
MW-6R	10/15/2008	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33.15	10.12	0.31	23.28
MW-6R	01/21/2009	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33.15	9.28	0.05	23.91
MW-6R	04/15/2009	28,000	850	<10	790	290	—	120	—	—	—	—	—	—	—	—	33.15	7.30	—	25.85
MW-6R	10/21/2009	23,000	630	<10	450	80	—	120	<100	<20	<20	<20	—	—	—	—	33.15	8.10	—	25.05
MW-6R	04/21/2010	37,000	740	<10	950	230	—	82	—	—	—	—	—	—	—	—	33.15	6.53	—	26.62
MW-6R	10/20/2010	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33.15	10.08	0.16	23.20
MW-6R	02/10/2011	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33.15	7.30	—	25.85
MW-6R	04/20/2011	22,000	810	<12	670	170	—	92	—	—	—	—	—	—	—	—	33.15	6.62	—	26.53
MW-6R	07/08/2011	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33.15	7.42	—	25.73
MW-6R	10/18/2011	11,000	550	<5.0	200	41	—	80	<100	<10	<10	<10	<5.0	<5.0	—	—	33.15	8.60	—	24.55
MW-6R	01/06/2012	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33.15	9.19	—	23.96
MW-6R	04/18/2012	20,000	720	<5.0	730	130	—	<5.0	—	—	—	—	<5.0	<5.0	—	—	33.15	5.67	—	27.48
MW-6R	07/06/2012	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33.15	8.96	—	24.19
MW-6R	10/17/2012	14,000	540	<5.0	57	15	—	80	—	—	—	—	<5.0	<5.0	—	—	33.15	9.94	—	23.21
MW-6R	**01/29/2013**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**33.15**	**7.28**	**—**	**25.87**
MW-6R	**04/17/2013**	**17,000**	**710**	**<5.0**	**400**	**59**	**—**	**83**	**—**	**—**	**—**	**—**	**<5.0**	**<5.0**	**—**	**—**	**33.15**	**7.68**	**—**	**25.47**
MW-7	08/06/1991	13,000	4,300	76	770	730	—	—	—	—	—	—	—	—	—	—	20.36	8.00	—	12.36
MW-7	10/23/1991	18,000	3,200	31	660	770	—	—	—	—	—	—	—	—	—	—	20.36	8.16	—	12.20
MW-7	01/28/1992	5,000	1,200	<10	220	54	—	—	—	—	—	—	—	—	—	—	20.36	7.11	—	13.25
MW-7	05/05/1992	9,500	3,100	72	620	880	—	—	—	—	—	—	—	—	—	—	20.36	6.47	—	13.89
MW-7	07/13/1992	20,000	4,200	130	1,600	1,100	—	—	—	—	—	—	—	—	—	—	20.36	7.73	—	12.63

TABLE 2

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-7	10/12/1992	16,000	2,500	170	560	170	—	—	—	—	—	—	—	—	—	—	20.36	9.97	—	10.39
MW-7	01/12/1993	15,000	2,300	<50	690	440	—	—	—	—	—	—	—	—	—	—	20.36	6.26	—	14.10
MW-7	04/06/1993	26,000	5,400	<0.5	1,200	3,000	—	—	—	—	—	—	—	—	—	—	20.36	5.92	—	14.44
MW-7	07/12/1993	10,000	3,000	100	510	530	—	—	—	—	—	—	—	—	—	—	20.36	7.27	—	13.09
MW-7	10/13/1993	59,000	13,000	4,400	4,400	20,000	—	—	—	—	—	—	—	—	—	—	20.36	9.40	—	10.96
MW-7	01/20/1994	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.36	7.03	0.05	13.37
MW-7	04/13/1994	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.36	6.56	0.16	13.93
MW-7	07/19/1994	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.36	6.91	0.20	13.61
MW-7	10/27/1994	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.36	8.28	0.04	12.11
MW-7	01/03/1995	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.36	6.48	0.02	13.90
MW-7	04/13/1995	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.36	6.54	0.02	13.84
MW-7	06/30/1995	900,000	11,000	8,500	14,000	52,000	—	—	—	—	—	—	—	—	—	—	20.36	7.08	—	—
MW-7	10/11/1995	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.36	7.88	0.04	12.51
MW-7	01/17/1996	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.36	7.26	0.04	13.13
MW-7	04/10/1996	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.36	6.98	0.05	13.42
MW-7	07/30/1996	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.36	7.34	0.03	13.04
MW-7	10/17/1996	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.36	7.63	0.02	12.75
MW-7	01/22/1997	56,000	2,000	520	1,400	8,400	1,800	—	—	—	—	—	—	—	—	0.5	20.36	6.46	—	13.90
MW-7	04/01/1997	66,000	3,600	460	2,400	10,000	2,300	—	—	—	—	—	—	—	—	1.6	20.36	6.97	—	13.39
MW-7	07/14/1997	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.36	8.90	0.03	11.48
MW-7	10/08/1997	68,000	3,200	470	2,400	9,700	3,300	—	—	—	—	—	—	—	—	2.1	20.36	9.21	0.01	11.16
MW-7	01/19/1998	44,000	1,800	220	1,700	7,800	1,600	—	—	—	—	—	—	—	—	1.6	20.36	4.65	—	15.71
MW-7	04/28/1998	82,000	1,500	<500	1,200	8,900	<2,500	—	—	—	—	—	—	—	—	1.3	20.36	6.53	—	13.83
MW-7	09/30/1998	41,000	2,300	290	2,200	7,000	1,400	—	—	—	—	—	—	—	—	1.4	20.35	5.59	—	14.76
MW-7	12/09/1998	31,000	530	130	1,100	4,300	<500	—	—	—	—	—	—	—	—	4.9	20.35	5.91	—	14.44
MW-7	01/18/1999	35,300	975	175	1,360	5,750	256	—	—	—	—	—	—	—	—	1.2	20.35	5.02	—	15.33
MW-7	04/12/1999	43,300	728	161	1,820	6,190	<500	—	—	—	—	—	—	—	—	1.3	20.35	4.57	—	15.78
MW-7	07/27/1999	36,600	863	68.3	1,540	4,370	593	—	—	—	—	—	—	—	—	1.2	20.35	5.36	—	14.99
MW-7	10/14/1999	65,600	1,140	157	2,230	7,060	1,090	—	—	—	—	—	—	—	—	1.8	20.35	5.87	—	14.48
MW-7	01/06/2000	57,100	1,060	142	1,540	5,980	634	—	—	—	—	—	—	—	—	1.8	20.35	6.12	—	14.23
MW-7	04/05/2000	36,500	843	<100	1,460	4,220	1,140	—	—	—	—	—	—	—	—	1.4	20.35	4.87	—	15.48
MW-7	07/20/2000	28,400	263	251	457	1,300	690	—	—	—	—	—	—	—	—	1.7	20.35	5.01	—	15.34
MW-7	10/24/2000	33,500	464	<200	1,600	3,830	<1,000	—	—	—	—	—	—	—	—	1.5	20.35	4.17	—	16.18
MW-7	01/19/2001	1,860,000	<2,000	<2,000	<2,000	5,790	<10,000	—	—	—	—	—	—	—	—	1.2	31.31	5.18	—	26.13
MW-7	04/27/2001	31,000	150	20	1,400	3,000	—	190	—	—	—	—	—	—	—	1.4	31.31	4.99	—	26.32
MW-7	07/26/2001	30,000	340	20	1,500	2,600	—	380	—	—	—	—	—	—	—	1.1	31.31	6.20	—	25.11
MW-7	10/02/2001	38,000	480	9.0	970	2,600	—	300	—	—	—	—	—	—	—	1.5	31.31	6.45	—	24.86
MW-7	01/15/2002	33,000	160	6.6	810	1,300	—	130	—	—	—	—	—	—	—	2.0	31.31	4.31	—	27.00

TABLE 2

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-7	04/17/2002	28,000	160	6.1	1,000	1,700	—	140	—	—	—	—	—	—	—	1.2	31.31	4.12	—	27.19
MW-7	07/11/2002	26,000	200	<5.0	830	1,300	—	170	—	—	—	—	—	—	—	3.0	31.31	5.90	—	25.41
MW-7	10/10/2002	95,000 c	380	11	1,500	3,900	—	330	—	—	—	—	—	—	—	2.9	31.31	6.32	—	24.99
MW-7	01/21/2003	18,000	100	2.6	530	780	—	96	—	—	—	—	—	—	—	0.9	31.31	3.04	—	28.27
MW-7	05/02/2003	23,000	99	<10	490	620	—	<100	—	—	—	—	—	—	—	0.91	31.31	3.45	—	27.86
MW-7	07/10/2003	18,000	200	<5.0	460	1,100	—	52	—	—	—	—	—	—	—	—	31.31	4.59	—	26.72
MW-7	10/28/2003	37,000	290	<10	830	1,200	—	98	—	—	—	—	—	—	—	—	31.31	4.97	—	26.34
MW-7	01/13/2004	22,000	94	<10	410	680	—	97	—	—	—	—	—	—	—	—	31.31	4.55	—	26.76
MW-7	04/01/2004	24,000	250	<10	440	660	—	210	—	—	—	—	—	—	—	—	31.31	4.91	—	26.40
MW-7	07/21/2004	21,000	440	<10	460	640	—	110	<100	<40	<40	<40	—	—	—	—	31.31	4.58	—	26.73
MW-7	10/20/2004	23,000	430	<10	410	640	—	40	—	—	—	—	—	—	—	—	31.31	1.95	—	29.36
MW-7	01/19/2005	17,000	97	<10	240	370	—	150	—	—	—	—	—	—	—	—	31.31	3.91	—	27.40
MW-7	04/20/2005	18,000	160	<10	260	320	—	80	—	—	—	—	—	—	—	—	31.31	4.64	—	26.67
MW-7	07/20/2005	15,000	800	<10	200	250	—	660	290	<40	<40	<40	—	—	—	—	31.31	6.29	—	25.02
MW-7	10/19/2005	12,000	1,200	<5.0	120	150	—	760	—	—	—	—	—	—	—	—	31.31	7.25	—	24.06
MW-7	01/24/2006	24,900	604	3.14	135	216	—	259	—	—	—	—	—	—	—	—	31.31	4.50	—	26.81
MW-7	04/19/2006	135,000	378	1.82	66.0	177	—	74.0	—	—	—	—	—	—	—	—	31.31	3.74	—	27.57
MW-7	07/19/2006	10,600	33.0	<0.500	13.0	27.5	—	<0.500	<10.0	<0.500	<0.500	<0.500	—	—	—	—	31.31	3.77	—	27.54
MW-7	10/18/2006	35,200	295	2.44	133	105	—	36.1	—	—	—	—	—	—	—	—	31.31	4.82	—	26.49
MW-7	01/17/2007	7,800	84	<2.5	83	60	—	20	—	—	—	—	—	—	—	—	31.31	5.60	—	25.71
MW-7	04/18/2007	13,000 h	180	1.8	120	90.5	—	56	—	—	—	—	—	—	—	—	31.31	5.68	—	25.63
MW-7	07/18/2007	10,000 h	190	<5.0	68	40.4 i	—	88	77	<10	<10	<10	—	—	—	—	31.31	7.35	—	23.96
MW-7	10/18/2007	8,200 h	56	<5.0	6.0	17.3 i	—	17	—	—	—	—	—	—	—	—	31.31	3.45	—	27.86
MW-7	01/16/2008	17,000 h	37	<2.0	21	15	—	<2.0	—	—	—	—	—	—	—	—	31.31	3.39	—	27.92
MW-7	04/16/2008	10,000	51	2.1	29	17.2	—	28	—	—	—	—	—	—	—	—	31.31	5.68	—	25.63
MW-7	07/16/2008	23,000	46	<50	<50	<50	—	<50	<500	<100	<100	<100	—	—	—	—	31.31	3.02	—	28.29
MW-7	10/15/2008	4,200	17	<1.0	1.3	4.6	—	4.9	—	—	—	—	—	—	—	—	31.31	6.10	—	25.21
MW-7	01/21/2009	11,000	15	1.7	15	4.2	—	<1.0	—	—	—	—	—	—	—	—	31.31	5.69	—	25.62
MW-7	04/15/2009	12,000	11	<10	11	<10	—	<10	—	—	—	—	—	—	—	—	31.31	3.40	—	27.91
MW-7	10/21/2009	6,600	43	<5.0	<5.0	<5.0	—	29	<50	<10	<10	<10	—	—	—	—	31.31	3.25	—	28.06
MW-7	04/21/2010	14,000	3.6	<1.0	3.5	1.1	—	5.4	—	—	—	—	—	—	—	—	31.31	4.38	—	26.93
MW-7	10/20/2010	7,100	4.1	<5.0	<5.0	<5.0	—	5.5	—	—	—	—	—	—	—	—	31.31	3.11	—	28.20
MW-7	04/20/2011	7,500	<2.5	<2.5	<2.5	<5.0	—	<5.0	—	—	—	—	—	—	—	—	31.31	3.19	—	28.12
MW-7	10/18/2011	140,000	12	12	12	24	—	<10	<100	<10	<10	<10	<5.0	<5.0	—	—	31.31	3.20	—	28.11
MW-7	04/18/2012	3,400	<5.0	<5.0	<5.0	<10	—	<5.0	—	—	—	—	<5.0	<5.0	—	—	31.31	3.05	—	28.26
MW-7	10/17/2012	6,500	11	0.76	1.1	<1.0	—	6.2	—	—	—	—	0.60	<0.50	—	—	31.31	3.60	—	27.71
MW-7	**04/17/2013**	**3,500**	**0.89**	**0.57**	**0.94**	**<1.0**	**—**	**<0.50**	**—**	**—**	**—**	**—**	**<0.50**	**<0.50**	**—**	**—**	**31.31**	**3.97**	**—**	**27.34**

TABLE 2

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-8	08/06/1991	32,000	3,700	1,100	1,400	6,100	—	—	—	—	—	—	—	—	—	—	20.95	9.60	—	11.35
MW-8	10/23/1991	63,000	4,800	1,300	1,300	6,900	—	—	—	—	—	—	—	—	—	—	20.95	9.73	—	11.22
MW-8	01/28/1992	32,000	1,900	750	1,400	6,300	—	—	—	—	—	—	—	—	—	—	20.95	7.72	—	13.23
MW-8	05/05/1992	180,000	2,200	2,000	2,700	13,000	—	—	—	—	—	—	—	—	—	—	20.95	6.48	—	14.47
MW-8	07/13/1992	56,000	4,500	1,500	2,700	9,100	—	—	—	—	—	—	—	—	—	—	20.95	8.55	—	12.40
MW-8	10/12/1992	34,000	2,400	550	1,400	6,400	—	—	—	—	—	—	—	—	—	—	20.95	9.97	—	10.98
MW-8	01/12/1993	110,000	2,100	1,200	2,400	12,000	—	—	—	—	—	—	—	—	—	—	20.95	6.94	—	14.01
MW-8	04/06/1993	38,000	2,500	840	1,100	4,900	—	—	—	—	—	—	—	—	—	—	20.95	5.72	—	15.23
MW-8	07/12/1993	27,000	2,800	990	1,200	5,300	—	—	—	—	—	—	—	—	—	—	20.95	7.65	—	13.30
MW-8	10/13/1993	32,000	3,300	1,300	1,600	8,400	—	—	—	—	—	—	—	—	—	—	20.95	8.25	—	12.70
MW-8	01/20/1994	78,000	1,900	670	1,300	6,600	—	—	—	—	—	—	—	—	—	—	20.95	7.25	—	13.70
MW-8	04/13/1994	41,000	1,300	720	1,200	6,000	—	—	—	—	—	—	—	—	—	—	20.95	7.12	—	13.83
MW-8	07/19/1994	140,000	1,800	1,400	2,000	9,000	—	—	—	—	—	—	—	—	—	—	20.95	7.43	—	13.52
MW-8	10/27/1994	32,000	1,200	670	1,200	5,700	—	—	—	—	—	—	—	—	—	—	20.95	7.55	—	13.40
MW-8	01/03/1995	38,000	1,000	700	1,500	7,500	—	—	—	—	—	—	—	—	—	—	20.95	6.04	—	14.91
MW-8	04/13/1995	31,000	1,200	570	1,000	5,300	—	—	—	—	—	—	—	—	—	—	20.95	5.04	—	15.91
MW-8	06/30/1995	110,000	2,000	1,500	2,000	9,700	—	—	—	—	—	—	—	—	—	—	20.95	5.72	—	15.23
MW-8	10/11/1995	36,000	170	60	1,300	6,300	510	—	—	—	—	—	—	—	—	—	20.95	7.06	—	13.89
MW-8	01/17/1996	38,000	1,000	520	1,100	6,200	950	—	—	—	—	—	—	—	—	—	20.95	5.84	—	15.11
MW-8	04/10/1996	54,000	650	260	850	4,700	<250	—	—	—	—	—	—	—	—	—	20.95	5.03	—	15.92
MW-8	07/30/1996	33,000	780	330	830	4,200	1,700	—	—	—	—	—	—	—	—	—	20.95	6.36	—	14.59
MW-8	10/17/1996	35,000	750	300	1,100	5,000	1,200	—	—	—	—	—	—	—	—	1.6	20.95	5.94	—	15.01
MW-8	01/22/1997	25,000	260	78	420	2,400	120	—	—	—	—	—	—	—	—	1.8	20.95	5.93	—	15.02
MW-8	04/01/1997	22,000	680	180	550	2,500	260	—	—	—	—	—	—	—	—	1.8	20.95	6.24	—	14.71
MW-8	07/14/1997	29,000	870	200	850	3,100	500	—	—	—	—	—	—	—	—	1.4	20.95	8.59	—	12.36
MW-8	10/08/1997	27,000	1,000	190	960	3,000	170	—	—	—	—	—	—	—	—	4.6	20.95	9.04	—	11.91
MW-8	01/19/1998	21,000	660	160	740	3,300	170	—	—	—	—	—	—	—	—	2.2	20.95	3.34	—	17.61
MW-8	04/28/1998	Well inaccessible		—	—	—	—	—	—	—	—	—	—	—	—	—	20.95	—	—	—
MW-8	09/30/1998	19,000	370	230	880	3,800	410	—	—	—	—	—	—	—	—	1.2	21.15	7.00	—	14.15
MW-8	12/09/1998	1,400	92	90	74	260	<250	—	—	—	—	—	—	—	—	3.6	21.15	6.38	—	14.77
MW-8	01/18/1999	317	<0.500	<0.500	3.04	0.984	3.92	—	—	—	—	—	—	—	—	2.0	21.15	1.85	—	19.30
MW-8	04/12/1999	8,300	35.6	24.4	144	466	<100	—	—	—	—	—	—	—	—	1.6	21.15	3.65	—	17.50
MW-8	07/27/1999	12,700	<5.00	5.47	281	1,130	50.3	—	—	—	—	—	—	—	—	1.4	21.15	5.00	—	16.15
MW-8	10/14/1999	11,900	86.7	16.9	210	469	<100	—	—	—	—	—	—	—	—	1.2	21.15	5.95	—	15.20
MW-8	01/06/2000	5,930	65	12.4	106	129	203.0	—	—	—	—	—	—	—	—	1.3	21.15	6.19	—	14.96
MW-8	04/05/2000	6,770	100	<50.0	61.3	150	322	—	—	—	—	—	—	—	—	2.1	21.15	5.14	—	16.01
MW-8	07/20/2000	28,900	109	307	119	235	337	—	—	—	—	—	—	—	—	2.1	21.15	5.21	—	15.94
MW-8	10/24/2000	8,620	99.0	12.8	152	366	225	—	—	—	—	—	—	—	—	1.0	21.15	3.11	—	18.04

TABLE 2

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-8	01/19/2001	5,590	49.4	6.50	26.0	57.4	99.5	—	—	—	—	—	—	—	—	1.8	32.11	5.35	—	26.76
MW-8	04/27/2001	3,800	<0.50	<0.50	14	31	—	<5.0	—	—	—	—	—	—	—	0.7	32.11	4.58	—	27.53
MW-8	07/26/2001	4,400	0.88	0.59	7.0	14	—	<5.0	—	—	—	—	—	—	—	0.9	32.11	5.83	—	26.28
MW-8	10/02/2001	1,800	9.8	<0.50	23	16	—	<5.0	—	—	—	—	—	—	—	1.2	32.11	6.50	—	25.61
MW-8	01/15/2002	2,700	1.2	1.5	0.93	1.7	—	12	—	—	—	—	—	—	—	1.6	32.11	5.07	—	27.04
MW-8	04/17/2002	3,200	2.2	<1.0	9.0	14	—	<10	—	—	—	—	—	—	—	1.0	32.11	3.80	—	28.31
MW-8	07/11/2002	6,500	23	1.0	12	19	—	<10	—	—	—	—	—	—	—	1.9	32.11	6.29	—	25.82
MW-8	10/10/2002	1,900	5.3	<0.50	30	33	—	7.6	—	—	—	—	—	—	—	2.4	32.11	4.32	—	27.79
MW-8	01/21/2003	3,700	1.4	<1.0	3.9	6.6	—	<10	—	—	—	—	—	—	—	0.6	32.11	5.57	—	26.54
MW-8	05/02/2003	3,900 d	<5.0	<5.0	<5.0	<10	—	<50	—	—	—	—	—	—	—	0.23	32.11	1.67	—	30.44
MW-8	07/10/2003	2,400	<2.5	<2.5	<2.5	<5.0	—	<2.5	—	—	—	—	—	—	—	—	32.11	3.81	—	28.30
MW-8	10/28/2003	3,000	<2.5	3.1	4.6	6.1	—	<2.5	—	—	—	—	—	—	—	—	32.11	4.99	—	27.12
MW-8	01/13/2004	4,600	3.6	<2.5	14	20	—	2.5	—	—	—	—	—	—	—	—	32.11	5.10	—	27.01
MW-8	04/01/2004	4,200	3.9	<2.5	7.1	8.8	—	<2.5	—	—	—	—	—	—	—	—	32.11	3.32	—	28.79
MW-8	07/21/2004	3,400	<2.5	<2.5	4.1	<5.0	—	<2.5	<25	<10	<10	<10	—	—	—	—	32.11	3.95	—	28.16
MW-8	10/20/2004	2,300	<2.5	<2.5	<2.5	<5.0	—	<2.5	—	—	—	—	—	—	—	—	32.11	1.48	—	30.63
MW-8	01/19/2005	2,000	<2.5	<2.5	<2.5	<5.0	—	<2.5	—	—	—	—	—	—	—	—	32.11	5.28	—	26.83
MW-8	04/20/2005	2,300	<2.5	<2.5	<2.5	<5.0	—	<2.5	—	—	—	—	—	—	—	—	32.11	3.52	—	28.59
MW-8	07/20/2005	1,500	2.0	0.77	1.4	1.3	—	<0.50	<5.0	<2.0	<2.0	<2.0	—	—	—	—	32.11	5.35	—	26.76
MW-8	10/19/2005	2,200	4.0	0.96	2.5	3.1	—	<0.50	—	—	—	—	—	—	—	—	32.11	7.80	—	24.31
MW-8	01/24/2006	5,150	0.600	<0.500	3.33	<0.500	—	<0.500	—	—	—	—	—	—	—	—	32.11	2.18	—	29.93
MW-8	06/02/2006	Well destroyed		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-9	08/06/1991	11,000	1,700	95	520	1,400	—	—	—	—	—	—	—	—	—	—	21.19	10.33	—	10.86
MW-9	10/23/1991	20,000	1,000	47	<0.3	940	—	—	—	—	—	—	—	—	—	—	21.19	11.13	—	10.06
MW-9	01/28/1992	3,500	120	<10	280	36	—	—	—	—	—	—	—	—	—	—	21.19	9.02	—	12.17
MW-9	05/04/1992	7,700	1,200	<50	380	630	—	—	—	—	—	—	—	—	—	—	21.19	7.67	—	13.52
MW-9	07/20/1992	11,000	910	<50	220	1,200	—	—	—	—	—	—	—	—	—	—	21.19	10.26	—	10.93
MW-9	10/12/1992	2,100	340	15	77	44	—	—	—	—	—	—	—	—	—	—	21.19	12.19	—	9.00
MW-9	01/12/1993	Well inaccessible		—	—	—	—	—	—	—	—	—	—	—	—	—	21.19	—	—	—
MW-9	04/06/1993	Well inaccessible		—	—	—	—	—	—	—	—	—	—	—	—	—	21.19	—	—	—
MW-9	07/12/1993	Well inaccessible		—	—	—	—	—	—	—	—	—	—	—	—	—	21.19	—	—	—
MW-9	10/13/1993	2,900	140	<5	<5	120	—	—	—	—	—	—	—	—	—	—	21.19	11.17	—	10.02
MW-9	01/20/1994	1,700	380	6.9	150	400	—	—	—	—	—	—	—	—	—	—	21.19	8.03	—	13.16
MW-9	04/13/1994	6,000	1,000	<20	450	420	—	—	—	—	—	—	—	—	—	—	21.19	7.81	—	13.38
MW-9	07/19/1994	12,000	1,400	<5	740	1,200	—	—	—	—	—	—	—	—	—	—	21.19	8.96	—	12.23
MW-9	10/27/1994	10,000	1,200	160	280	860	—	—	—	—	—	—	—	—	—	—	21.19	11.00	—	10.19
MW-9	01/03/1995	4,400	680	7.7	180	370	—	—	—	—	—	—	—	—	—	—	21.19	6.60	—	14.59

TABLE 2

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-9	04/13/1995	1,700	270	<10	69	170	—	—	—	—	—	—	—	—	—	—	21.19	6.73	—	14.46
MW-9	06/30/1995	14,000	2,200	18	900	2,600	—	—	—	—	—	—	—	—	—	—	21.19	7.32	—	13.87
MW-9	10/11/1995	9,600	35	12	360	980	590	—	—	—	—	—	—	—	—	—	21.19	8.10	—	13.09
MW-9	01/17/1996	2,800	150	7.4	54	130	170	—	—	—	—	—	—	—	—	—	21.19	5.75	—	15.44
MW-9	04/10/1996	5,200	290	<5	92	220	240	—	—	—	—	—	—	—	—	—	21.19	5.17	—	16.02
MW-9	07/30/1996	5,100	960	<10	380	770	670	—	—	—	—	—	—	—	—	—	21.19	8.10	—	13.09
MW-9	10/17/1996	15,000	2,100	<25	590	1,300	1,500	—	—	—	—	—	—	—	—	2.4	21.19	9.12	—	12.07
MW-9	01/22/1997	5,600	690	<5.0	140	310	620	—	—	—	—	—	—	—	—	2.2	21.19	4.72	—	16.47
MW-9	04/01/1997	4,000	590	<10	140	200	600	—	—	—	—	—	—	—	—	2.2	21.19	6.86	—	14.33
MW-9	07/14/1997	7,100	860	<10	51	230	950	—	—	—	—	—	—	—	—	3.8	21.19	10.04	—	11.15
MW-9	10/08/1997	1,500	57	<2.0	2.0	13	540	—	—	—	—	—	—	—	—	8.2	21.19	11.38	—	9.81
MW-9	01/19/1998	2,500	280	<20	79	61	620	—	—	—	—	—	—	—	—	1.4	21.19	3.88	—	17.31
MW-9	04/28/1998	2,200	330	<20	91	110	640	—	—	—	—	—	—	—	—	1.6	21.19	5.87	—	15.32
MW-9	09/30/1998	2,800	490	<5.0	87	240	1,200	—	—	—	—	—	—	—	—	4.0	21.19	8.25	—	12.94
MW-9	12/09/1998	3,700	370	<5.0	83	130	1,100	—	—	—	—	—	—	—	—	2.9	21.19	8.07	—	13.12
MW-9	01/18/1999	9,670	1,110	<5.00	442	571	786	—	—	—	—	—	—	—	—	3.2	21.19	7.54	—	13.65
MW-9	04/12/1999	3,140	272	<10.0	41.6	114	542	—	—	—	—	—	—	—	—	1.7	21.19	5.60	—	15.59
MW-9	07/27/1999	3,580	247	<1.00	67.7	137	432	—	—	—	—	—	—	—	—	1.6	21.19	7.30	—	13.89
MW-9	10/14/1999	3,200	199	<10.0	74.1	88.9	468	—	—	—	—	—	—	—	—	1.4	21.19	7.26	—	13.93
MW-9	01/06/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	—	—	—	—	—	—	—	—	1.5	21.19	8.31	—	12.88
MW-9	04/05/2000	2,790	156	<5.00	39.1	57.8	399	—	—	—	—	—	—	—	—	0.9	21.19	5.40	—	15.79
MW-9	07/20/2000	5,530	283	14.9	379	728	92.7	—	—	—	—	—	—	—	—	2.1	21.19	5.70	—	15.49
MW-9	10/24/2000	3,090	110	<5.00	46.4	63.3	362	—	—	—	—	—	—	—	—	1.0	21.19	5.90	—	15.29
MW-9	01/19/2001	6,060	180	<5.00	181	164	231	—	—	—	—	—	—	—	—	1.2	32.15	5.39	—	26.76
MW-9	04/27/2001	2,700	56	<0.50	26	46	—	150	—	—	—	—	—	—	—	1.2	32.15	5.38	—	26.77
MW-9	07/26/2001	4,200	50	<0.50	28	53	—	180	—	—	—	—	—	—	—	1.0	32.15	6.45	—	25.70
MW-9	10/02/2001	11,000	150	<2.0	120	140	—	180	—	—	—	—	—	—	—	1.4	32.15	6.10	—	26.05
MW-9	01/15/2002	1,200	<0.50	<0.50	<0.50	<0.50	—	<5.0	—	—	—	—	—	—	—	1.2	32.15	4.77	—	27.38
MW-9	04/17/2002	2,200	24	<0.50	26	27	—	96	—	—	—	—	—	—	—	0.6	32.15	5.57	—	26.58
MW-9	07/11/2002	4,600	21	<0.50	17	33	—	140	—	—	—	—	—	—	—	2.1	32.15	6.64	—	25.51
MW-9	10/10/2002	2,800	8.8	<0.50	3.2	9.5	—	160	—	—	—	—	—	—	—	2.4	32.15	7.41	—	24.74
MW-9	01/21/2003	470	1.9	<0.50	1.7	1.1	—	13	—	—	—	—	—	—	—	1.0	32.15	5.47	—	26.68
MW-9	05/02/2003	770	2.9	<0.50	1.5	1.8	—	82	—	—	—	—	—	—	—	0.96	32.15	5.40	—	26.75
MW-9	07/10/2003	1,700	4.9	<2.5	3.0	5.2	—	100	—	—	—	—	—	—	—	—	32.15	6.59	—	25.56
MW-9	10/28/2003	2,400	<5.0	<5.0	<5.0	<10	—	180	—	—	—	—	—	—	—	—	32.15	6.94	—	25.21
MW-9	01/13/2004	550	<0.50	0.54	<0.50	<1.0	—	23	—	—	—	—	—	—	—	—	32.15	5.62	—	26.53
MW-9	04/01/2004	440	<0.50	<0.50	<0.50	<1.0	—	19	—	—	—	—	—	—	—	—	32.15	5.94	—	26.21
MW-9	07/21/2004	1,100	<0.50	<0.50	<0.50	<1.0	—	110	34	<2.0	<2.0	<2.0	—	—	—	—	32.15	6.60	—	25.55

TABLE 2

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-9	10/20/2004	730	<0.50	<0.50	<0.50	<1.0	—	56	—	—	—	—	—	—	—	—	32.15	4.48	—	27.67
MW-9	01/19/2005	320	<0.50	<0.50	<0.50	<1.0	—	3.0	—	—	—	—	—	—	—	—	32.15	4.56	—	27.59
MW-9	04/20/2005	100	<0.50	0.56	<0.50	<1.0	—	5.8	—	—	—	—	—	—	—	—	32.15	5.21	—	26.94
MW-9	07/20/2005	400	<0.50	1.4	<0.50	<1.0	—	45	20	<2.0	<2.0	<2.0	—	—	—	—	32.15	6.90	—	25.25
MW-9	10/19/2005	400	<0.50	<0.50	<0.50	<1.0	—	44	—	—	—	—	—	—	—	—	32.15	7.75	—	24.40
MW-9	01/24/2006	666	<0.500	3.24	<0.500	<0.500	—	2.96	—	—	—	—	—	—	—	—	32.15	4.64	—	27.51
MW-9	04/19/2006	<50.0	<0.500	<0.500	0.610	<0.500	—	28.4	—	—	—	—	—	—	—	—	32.15	3.48	—	28.67
MW-9	07/19/2006	660	<0.500	<0.500	<0.500	<0.500	—	49.2	<10.0	<0.500	<0.500	<0.500	—	—	—	—	32.15	5.63	—	26.52
MW-9	10/18/2006	994	<0.500	<0.500	<0.500	<0.500	—	39.9	—	—	—	—	—	—	—	—	32.15	6.58	—	25.57
MW-9	01/17/2007	100	<0.50	<0.50	<0.50	<1.0	—	17	—	—	—	—	—	—	—	—	32.15	6.03	—	26.12
MW-9	04/18/2007	400 h	0.29 i	<1.0	0.41 i	0.36 i	—	35	—	—	—	—	—	—	—	—	32.15	6.51	—	25.64
MW-9	07/18/2007	320 h	0.17 i	<1.0	<1.0	<1.0	—	34	24	<2.0	<2.0	<2.0	—	—	—	—	32.15	6.88	—	25.27
MW-9	10/18/2007	89 h	1.1	<1.0	0.55 i	<1.0	—	27	—	—	—	—	—	—	—	—	32.15	7.95	—	24.20
MW-9	01/16/2008	370 h	<0.50	<1.0	<1.0	<1.0	—	28	—	—	—	—	—	—	—	—	32.15	5.90	—	26.25
MW-9	04/16/2008	120	<0.50	<1.0	<1.0	<1.0	—	23	—	—	—	—	—	—	—	—	32.15	6.52	—	25.63
MW-9	07/16/2008	360	<0.50	<1.0	<1.0	<1.0	—	29	21	<2.0	<2.0	<2.0	—	—	—	—	32.15	7.41	—	24.74
MW-9	10/15/2008	220	<0.50	<1.0	<1.0	<1.0	—	24	—	—	—	—	—	—	—	—	32.15	7.70	—	24.45
MW-9	01/21/2009	200	<0.50	<1.0	<1.0	<1.0	—	19	—	—	—	—	—	—	—	—	32.15	6.59	—	25.56
MW-9	04/15/2009	68	<0.50	<1.0	<1.0	<1.0	—	6.0	—	—	—	—	—	—	—	—	32.15	5.59	—	26.56
MW-9	10/21/2009	130	<0.50	<1.0	<1.0	<1.0	—	15	12	<2.0	<2.0	<2.0	—	—	—	—	32.15	6.90	—	25.25
MW-9	04/21/2010	Unable to access		—	—	—	—	—	—	—	—	—	—	—	—	—	32.15	—	—	—
MW-9	10/20/2010	260	<0.50	<1.0	<1.0	<1.0	—	11	—	—	—	—	—	—	—	—	32.15	7.75	—	24.40
MW-9	04/20/2011	<50	<0.50	<0.50	<0.50	<1.0	—	1.3	—	—	—	—	—	—	—	—	32.15	5.07	—	27.08
MW-9	10/18/2011	85	<0.50	<0.50	<0.50	<1.0	—	7.0	<10	<1.0	<1.0	<1.0	<0.50	<0.50	—	—	32.15	6.93	—	25.22
MW-9	04/18/2012	<50	<0.50	<0.50	<0.50	<1.0	—	0.69	—	—	—	—	<0.50	<0.50	—	—	32.15	3.96	—	28.19
MW-9	10/17/2012	51	<0.50	<0.50	<0.50	<1.0	—	5.6	—	—	—	—	<0.50	<0.50	—	—	32.15	7.50	—	24.65
MW-9	**04/17/2013**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**—**	**3.2**	**—**	**—**	**—**	**—**	**<0.50**	**<0.50**	**—**	**—**	**32.15**	**6.07**	**—**	**26.08**
MW-10	10/23/1991	27,000	1,600	110	1,800	510	—	—	—	—	—	—	—	—	—	—	19.74	8.57	—	11.17
MW-10	01/28/1992	3,800	360	14	170	39	—	—	—	—	—	—	—	—	—	—	19.74	7.60	—	12.14
MW-10	05/04/1992	3,000	360	<12.5	140	26	—	—	—	—	—	—	—	—	—	—	19.74	7.54	—	12.20
MW-10	07/20/1992	15,000	400	<25	180	67	—	—	—	—	—	—	—	—	—	—	19.74	8.59	—	11.15
MW-10	10/12/1992	16,000	320	<50	360	100	—	—	—	—	—	—	—	—	—	—	19.74	10.23	—	9.51
MW-10	01/12/1993	Well inaccessible		—	—	—	—	—	—	—	—	—	—	—	—	—	19.74	—	—	—
MW-10	04/06/1993	14,000	370	<0.5	880	210	—	—	—	—	—	—	—	—	—	—	19.74	6.70	—	13.04
MW-10	07/12/1993	10,000	440	58	890	220	—	—	—	—	—	—	—	—	—	—	19.74	8.05	—	11.69
MW-10	10/13/1993	15,000	1,000	51	810	170	—	—	—	—	—	—	—	—	—	—	19.74	8.25	—	11.49
MW-10	01/20/1994	12,000	820	56	1,100	350	—	—	—	—	—	—	—	—	—	—	19.74	7.20	—	12.54

TABLE 2

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-10	04/13/1994	18,000	760	36	700	130	---	---	---	---	---	---	---	---	---	---	19.74	7.57	---	12.17
MW-10	07/19/1994	24,000	400	2.30	800	22	---	---	---	---	---	---	---	---	---	---	19.74	8.18	---	11.56
MW-10	10/27/1994	11,000	360	43	310	89	---	---	---	---	---	---	---	---	---	---	19.74	8.68	---	11.06
MW-10	01/03/1995	17,000	770	38	690	160	---	---	---	---	---	---	---	---	---	---	19.74	6.86	---	12.88
MW-10	04/13/1995	9,900	650	16	280	40	---	---	---	---	---	---	---	---	---	---	19.74	6.91	---	12.83
MW-10	06/30/1995	12,000	750	20	480	130	---	---	---	---	---	---	---	---	---	---	19.74	7.61	---	12.13
MW-10	01/17/1996	17,000	870	260	93	830	---	---	---	---	---	---	---	---	---	---	19.74	7.00	---	12.74
MW-10	04/10/1996	14,000	470	38	110	370	---	---	---	---	---	---	---	---	---	---	19.74	6.80	---	12.94
MW-10	07/30/1996	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	19.74	---	---	---
MW-10	10/17/1996	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	19.74	---	---	---
MW-10	01/22/1997	10,000	520	<20	64	32	180	---	---	---	---	---	---	---	---	3.1	19.74	6.68	---	13.06
MW-10	04/01/1997	11,000	590	<20	53	32	210	---	---	---	---	---	---	---	---	2.8	19.74	7.34	---	12.40
MW-10	07/14/1997	6,600	410	13	28	11	89	---	---	---	---	---	---	---	---	1.4	19.74	8.10	---	11.64
MW-10	10/08/1997	7,600	220	13	65	22	190	---	---	---	---	---	---	---	---	6.4	19.74	8.20	---	11.54
MW-10	01/19/1998	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	---	19.74	---	---	---
MW-10	04/28/1998	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	---	19.74	---	---	---
MW-10	09/30/1998	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	---	19.76	8.11	---	11.65
MW-10	12/09/1998	28,000	150	<100	240	160	<500	---	---	---	---	---	---	---	---	2.7	19.76	8.21	---	11.55
MW-10	01/18/1999	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	---	19.76	---	---	---
MW-10	04/12/1999	8,320	71.2	27.4	138	456	<100	---	---	---	---	---	---	---	---	1.8	19.76	5.96	---	13.80
MW-10	07/27/1999	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	---	19.76	---	---	---
MW-10	10/14/1999	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	---	19.76	---	---	---
MW-10	01/06/2000	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	---	19.76	---	---	---
MW-10	02/01/2000	4880	40.2	5.27	27.0	8.42	75.5	23.9	---	---	---	---	---	---	---	1.6	19.76	6.43	---	13.33
MW-10	04/05/2000	4,950	97.6	6.72	20.2	5.39	104	---	---	---	---	---	---	---	---	1.7	19.76	7.00	---	12.76
MW-10	07/20/2000	2,800	166	191	27.6	88.7	81.5	---	---	---	---	---	---	---	---	1.0	19.76	7.03	---	12.73
MW-10	10/24/2000	5,070	79.6	46.6	34.2	11.7	242	---	---	---	---	---	---	---	---	1.9	19.76	7.96	---	11.80
MW-10	01/19/2001	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	---	19.76	---	---	---
MW-10	01/30/2001	6,920	362	14.2	22.7	<10.0	138	---	---	---	---	---	---	---	---	2.2	30.75	7.32	---	23.43
MW-10	04/27/2001	12,000	35	<2.5	37	6.5	---	51	---	---	---	---	---	---	---	1.2	30.75	8.28	---	22.47
MW-10	07/26/2001	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	---	30.75	---	---	---
MW-10	10/02/2001	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	---	30.75	---	---	---
MW-10	10/23/2001	470	3.5	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	---	1.8	30.75	7.02	---	23.73
MW-10	01/15/2002	3,000	5.4	<0.50	7.9	2.1	---	12	---	---	---	---	---	---	---	2.7	30.75	6.69	---	24.06
MW-10	04/17/2002	5,100	7.9	<1.0	9.3	2.6	---	15	---	---	---	---	---	---	---	0.6	30.75	7.34	---	23.41
MW-10	07/11/2002	5,700	38	2.2	7.8	3.5	---	43	---	---	---	---	---	---	---	2.0	30.75	7.85	---	22.90
MW-10	10/10/2002	4,700	53	2.1	3.8	2.8	---	80	---	---	---	---	---	---	---	3.3	30.75	8.04	---	22.71
MW-10	01/21/2003	3,900	11	1.0	7.5	2.3	---	51	---	---	---	---	---	---	---	1.7	30.75	6.81	---	23.94

TABLE 2

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-10	05/02/2003	3,100	1.4	<0.50	4.6	1.4	—	41	—	—	—	—	—	—	—	0.75	30.75	7.12	—	23.63
MW-10	07/10/2003	4,200	17	<1.2	6.2	<2.5	—	51	—	—	—	—	—	—	—	—	30.75	7.80	—	22.95
MW-10	10/28/2003	7,100	20	<5.0	8.4	<10	—	120	—	—	—	—	—	—	—	—	30.75	7.91	—	22.84
MW-10	01/13/2004	4,800	18	<2.5	6.3	<5.0	—	99	—	—	—	—	—	—	—	—	30.75	6.62	—	24.13
MW-10	04/01/2004	5,500	6.0	<5.0	<5.0	<10	—	59	—	—	—	—	—	—	—	—	30.75	7.00	—	23.75
MW-10	07/21/2004	Well inaccessible		—	—	—	—	—	—	—	—	—	—	—	—	—	30.75	—	—	—
MW-10	07/29/2004	4,700	22	<5.0	5.5	<10	—	95	<50	<20	<20	<20	—	—	—	—	30.75	7.60	—	23.15
MW-10	10/20/2004	4,800	23	<5.0	<5.0	<10	—	110	—	—	—	—	—	—	—	—	30.75	7.90	—	22.85
MW-10	01/19/2005	1,200	1.1	<0.50	<0.50	<1.0	—	30	—	—	—	—	—	—	—	—	30.75	6.28	—	24.47
MW-10	04/20/2005	3,900	3.9	<0.50	2.7	<1.0	—	9.0	—	—	—	—	—	—	—	—	30.75	6.80	—	23.95
MW-10	07/20/2005	3,000	8.1	1.2	2.1	1.4	—	35	19	29	<2.0	<2.0	—	—	—	—	30.75	7.82	—	22.93
MW-10	10/19/2005	1,900	2.9	0.62	0.85	<1.0	—	39	—	—	—	—	—	—	—	—	30.75	8.30	—	22.45
MW-10	01/24/2006	6,110	0.710	<0.500	2.01	<0.500	—	20.1	—	—	—	—	—	—	—	—	30.75	6.47	—	24.28
MW-10	04/19/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	2.64	—	—	—	—	—	—	—	—	30.75	5.89	—	24.86
MW-10	07/19/2006	3,590	7.86	<0.500	0.780	<0.500	—	21.5	<10.0	<0.500	<0.500	<0.500	—	—	—	—	30.75	7.50	—	23.25
MW-10	10/18/2006	8,470	4.81	0.910	1.51	2.05	—	51.7	—	—	—	—	—	—	—	—	30.75	7.90	—	22.85
MW-10	01/17/2007	670	<0.50	<0.50	<0.50	<1.0	—	14	—	—	—	—	—	—	—	—	30.75	7.23	—	23.52
MW-10	04/18/2007	Well inaccessible		—	—	—	—	—	—	—	—	—	—	—	—	—	30.75	—	—	—
MW-10	07/18/2007	Well inaccessible		—	—	—	—	—	—	—	—	—	—	—	—	—	30.75	—	—	—
MW-10	10/18/2007	Well inaccessible		—	—	—	—	—	—	—	—	—	—	—	—	—	30.75	—	—	—
MW-10	10/26/2007	2,400 h	0.17 i	0.32 i	0.66 i	<1.0	—	28	—	—	—	—	—	—	—	—	30.75	6.65	—	24.10
MW-10	01/16/2008	2,200 h	<0.50	<1.0	<1.0	<1.0	—	16	—	—	—	—	—	—	—	—	30.75	5.80	—	24.95
MW-10	04/16/2008	380	<0.50	<1.0	<1.0	<1.0	—	4.6	—	—	—	—	—	—	—	—	30.75	6.95	—	23.80
MW-10	07/16/2008	Well inaccessible		—	—	—	—	—	—	—	—	—	—	—	—	—	30.75	—	—	—
MW-10	10/15/2008	1,000	2.7	<1.0	1.4	<1.0	—	19	—	—	—	—	—	—	—	—	30.75	7.70	—	23.05
MW-10	01/21/2009	4,400	<0.50	<1.0	<1.0	<1.0	—	<1.0	—	—	—	—	—	—	—	—	30.75	6.19	—	24.56
MW-10	04/15/2009	3,000	<5.0	<10	<10	<10	—	<10	—	—	—	—	—	—	—	—	30.75	6.30	—	24.45
MW-10	10/21/2009	2,200	0.71	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	—	—	30.75	5.95	—	24.80
MW-10	04/21/2010	Well inaccessible		—	—	—	—	—	—	—	—	—	—	—	—	—	30.75	—	—	—
MW-10	10/20/2010	920	<0.50	<1.0	<1.0	<1.0	—	4.3	—	—	—	—	—	—	—	—	30.75	7.25	—	23.50
MW-10	04/20/2011	1,900	<0.50	0.50	<0.50	<1.0	—	<1.0	—	—	—	—	—	—	—	—	30.75	6.70	—	24.05
MW-10	10/18/2011	1,100	<0.50	0.50	<0.50	<1.0	—	3.5	<10	<1.0	<1.0	<1.0	0.50	<0.50	—	—	30.75	7.36	—	23.39
MW-10	04/18/2012	2,200	<0.50	<0.50	<0.50	<1.0	—	<0.50	—	—	—	—	<0.50	<0.50	—	—	30.75	5.78	—	24.97
MW-10	10/17/2012	2,100	<0.50	<0.50	<0.50	<1.0	—	4.7	—	—	—	—	<0.50	<0.50	—	—	30.75	8.06	—	22.69
MW-10	**04/17/2013**	**1,500**	**1.2**	**0.58**	**0.75**	**<1.0**	**—**	**10**	**—**	**—**	**—**	**—**	**<0.50**	**<0.50**	**—**	**—**	**30.75**	**6.91**	**—**	**23.84**
MW-11	10/23/1991	140	<12	<0.3	0.37	0.56	—	—	—	—	—	—	—	—	—	—	22.06	8.06	—	14.00
MW-11	01/28/1992	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	22.06	8.74	—	13.32

TABLE 2

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-11	05/04/1992	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	22.06	8.29	—	13.77
MW-11	07/13/1992	140	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	22.06	10.50	—	11.56
MW-11	10/12/1992	75	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	22.06	12.40	—	9.66
MW-11	01/12/1993	Well inaccessible		—	—	—	—	—	—	—	—	—	—	—	—	—	22.06	—	—	—
MW-11	04/06/1993	Well inaccessible		—	—	—	—	—	—	—	—	—	—	—	—	—	22.06	—	—	—
MW-11	07/12/1993	Well inaccessible		—	—	—	—	—	—	—	—	—	—	—	—	—	22.06	—	—	—
MW-11	10/13/1993	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	22.06	11.47	—	10.59
MW-11	01/20/1994	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	22.06	9.09	—	12.97
MW-11	04/13/1994	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	22.06	8.02	—	14.04
MW-11	07/19/1994	50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	22.06	9.82	—	12.24
MW-11	10/27/1994	60 j	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	22.06	11.66	—	10.40
MW-11	01/03/1995	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	22.06	6.15	—	15.91
MW-11	04/13/1995	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	22.06	6.00	—	16.06
MW-11	06/30/1995	70	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	22.06	8.31	—	13.75
MW-11	10/11/1995	60	53	<0.5	<0.5	0.80	3.0	—	—	—	—	—	—	—	—	—	22.06	10.30	—	11.76
MW-11	01/17/1996	<50	<0.5	<0.5	<0.5	<0.5	<2	—	—	—	—	—	—	—	—	—	22.06	6.45	—	15.61
MW-11	04/10/1996	<50	<0.5	<0.5	<0.5	<0.5	3.9	—	—	—	—	—	—	—	—	—	22.06	6.05	—	16.01
MW-11	07/30/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	—	—	—	—	—	—	—	—	—	22.06	8.92	—	13.14
MW-11	10/17/1996	3,000	28	23	29	210	76	—	—	—	—	—	—	—	—	—	22.06	9.24	—	12.82
MW-11	01/22/1997	<50	<0.5	<0.5	<0.5	<0.5	<2.5	—	—	—	—	—	—	—	—	3.7	22.06	5.12	—	16.94
MW-11	04/01/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	—	—	—	—	—	—	—	—	2.8	22.06	7.41	—	14.65
MW-11	07/14/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	—	—	—	—	—	—	—	—	1.9	22.06	9.74	—	12.32
MW-11	10/08/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	—	—	—	—	—	—	—	—	2.4	22.06	10.23	—	11.83
MW-11	01/19/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	—	—	—	—	—	—	—	—	3.2	22.06	3.69	—	18.37
MW-11	04/28/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	—	—	—	—	—	—	—	—	3.0	22.06	5.83	—	16.23
MW-11	09/30/1998	Well inaccessible		—	—	—	—	—	—	—	—	—	—	—	—	—	22.06	—	—	—
MW-11	12/09/1998	Well inaccessible		—	—	—	—	—	—	—	—	—	—	—	—	—	22.06	—	—	—
MW-11	01/18/1999	Well inaccessible		—	—	—	—	—	—	—	—	—	—	—	—	—	22.06	—	—	—
MW-11	04/12/1999	Well inaccessible		—	—	—	—	—	—	—	—	—	—	—	—	—	22.06	—	—	—
MW-11	04/26/1999	63	<0.50	<0.50	<0.50	<0.50	<2.5	—	—	—	—	—	—	—	—	3.6	22.06	5.80	—	16.26
MW-11	07/27/1999	<50.0	<0.500	<0.500	<0.500	<0.500	6.02	—	—	—	—	—	—	—	—	2.0	22.06	8.30	—	13.76
MW-11	10/14/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	—	—	—	—	—	—	—	—	2.4	22.06	8.99	—	13.07
MW-11	01/06/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	—	—	—	—	—	—	—	—	2.9	22.06	9.93	—	12.13
MW-11	04/05/2000	<50.0	<0.500	<0.500	<0.500	<0.500	3.53	—	—	—	—	—	—	—	—	1.8	22.06	5.90	—	16.16
MW-11	07/20/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	—	—	—	—	—	—	—	—	1.7	22.06	6.13	—	15.93
MW-11	10/24/2000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	22.06	7.45	—	14.61
MW-11	01/19/2001	<50.0	<0.500	<0.500	<0.500	<0.500	4.29	—	—	—	—	—	—	—	—	1.6	32.99	5.95	—	27.04
MW-11	04/27/2001	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.99	6.12	—	26.87

TABLE 2

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-11	07/26/2001	<50	<0.50	<0.50	<0.50	<0.50	—	<5.0	—	—	—	—	—	—	—	2.1	32.99	7.65	—	25.34
MW-11	10/02/2001	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.99	6.17	—	26.82
MW-11	01/15/2002	69	<0.50	<0.50	<0.50	<0.50	—	<5.0	—	—	—	—	—	—	—	1.5	32.99	4.95	—	28.04
MW-11	04/17/2002	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.99	6.35	—	26.64
MW-11	07/11/2002	58	<0.50	<0.50	<0.50	<0.50	—	<5.0	—	—	—	—	—	—	—	2.3	32.99	7.47	—	25.52
MW-11	10/10/2002	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.99	8.45	—	24.54
MW-11	01/21/2003	57	<0.50	<0.50	<0.50	<0.50	—	<5.0	—	—	—	—	—	—	—	1.4	32.99	5.45	—	27.54
MW-11	05/02/2003	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.99	5.14	—	27.85
MW-11	07/10/2003	<50	<0.50	<0.50	<0.50	<1.0	—	2.1	—	—	—	—	—	—	—	—	32.99	7.41	—	25.58
MW-11	10/28/2003	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.99	7.78	—	25.21
MW-11	01/13/2004	56 d	<0.50	0.50	<0.50	<1.0	—	2.9	—	—	—	—	—	—	—	—	32.99	5.85	—	27.14
MW-11	04/01/2004	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.99	6.02	—	26.97
MW-11	07/21/2004	<50	<0.50	<0.50	<0.50	<1.0	—	2.2	<5.0	<2.0	<2.0	<2.0	—	—	—	—	32.99	7.52	—	25.47
MW-11	10/20/2004	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.99	7.20	—	25.79
MW-11	01/19/2005	<50	<0.50	<0.50	<0.50	<1.0	—	1.8	—	—	—	—	—	—	—	—	32.99	4.50	—	28.49
MW-11	04/20/2005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.99	5.09	—	27.90
MW-11	07/20/2005	53 f	<0.50	<0.50	<0.50	<1.0	—	2.9	<5.0	<2.0	<2.0	<2.0	—	—	—	—	32.99	7.31	—	25.68
MW-11	10/19/2005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.99	8.60	—	24.39
MW-11	01/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	1.38	—	—	—	—	—	—	—	—	32.99	4.38	—	28.61
MW-11	04/19/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.99	3.86	—	29.13
MW-11	07/19/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	2.22	<10.0	<0.500	<0.500	<0.500	—	—	—	—	32.99	7.07	—	25.92
MW-11	10/18/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.99	7.36	—	25.63
MW-11	01/17/2007	<50	<0.50	<0.50	<0.50	<1.0	—	0.92	—	—	—	—	—	—	—	—	32.99	6.34	—	26.65
MW-11	07/18/2007	<50 h	<0.50	<1.0	<1.0	<1.0	—	1.9	<10	<2.0	<2.0	<2.0	—	—	—	—	32.99	8.30	—	24.69
MW-11	01/16/2008	<50 h	<0.50	<1.0	<1.0	<1.0	—	1.6	<10	<2.0	<2.0	<2.0	—	—	—	—	32.99	5.39	—	27.60
MW-11	04/16/2008	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.99	6.89	—	26.10
MW-11	07/16/2008	<50	<0.50	<1.0	<1.0	<1.0	—	1.5	<10	<2.0	<2.0	<2.0	—	—	—	—	32.99	8.31	—	24.68
MW-11	10/15/2008	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.99	8.70	—	24.29
MW-11	01/21/2009	51	<0.50	<1.0	<1.0	<1.0	—	1.2	—	—	—	—	—	—	—	—	32.99	7.13	—	25.86
MW-11	04/15/2009	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.99	5.89	—	27.10
MW-11	10/21/2009	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	—	—	32.99	7.15	—	25.84
MW-11	04/21/2010	Well inaccessible		—	—	—	—	—	—	—	—	—	—	—	—	—	32.99	—	—	—
MW-11	10/20/2010	76	<0.50	<1.0	<1.0	<1.0	—	1.5	—	—	—	—	—	—	—	—	32.99	8.75	—	24.24
MW-11	04/20/2011	<50	<0.50	<0.50	<0.50	<1.0	—	1.3	—	—	—	—	—	—	—	—	32.99	5.16	—	27.83
MW-11	10/18/2011	<50	<0.50	0.50	<0.50	<1.0	—	1.8	<10	<1.0	<1.0	<1.0	0.50	<0.50	—	—	32.99	7.33	—	25.66
MW-11	04/18/2012	<50	<0.50	<0.50	<0.50	<1.0	—	0.70	—	—	—	—	<0.50	<0.50	—	—	32.99	3.89	—	29.10
MW-11	10/17/2012	<50	<0.50	<0.50	<0.50	<1.0	—	1.1	—	—	—	—	<0.50	<0.50	—	—	32.99	8.75	—	24.24
MW-11	**04/17/2013**	**50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**—**	**1.4**	**—**	**—**	**—**	**—**	**<0.50**	**<0.50**	**—**	**—**	**32.99**	**6.03**	**—**	**26.96**

TABLE 2

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)

Notes:
TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8260B; prior to April 27, 2001, analyzed by EPA Method 8015 unless otherwise noted.
BTEX = Benzene, toluene, ethylbenzene, and total xylenes analyzed by EPA Method 8260B; prior to April 27, 2001, analyzed by EPA Method 8020.
MTBE = Methyl tertiary-butyl ether analyzed by method noted
TBA = Tertiary-butyl alcohol analyzed by EPA Method 8260B
DIPE = Di-isopropyl ether analyzed by EPA Method 8260B
ETBE = Ethyl tertiary-butyl ether analyzed by EPA Method 8260B
TAME = Tertiary-amyl methyl ether analyzed by EPA Method 8260B
EDB = 1,2-Dibromoethane analyzed by EPA Method 8260B
1,2-DCA = 1,2-Dichloroethane analyzed by EPA Method 8260B
Ethanol analyzed by EPA Method 8260B
DO = Dissolved oxygen
TOC = Top of casing elevation, in feet relative to mean sea level
SPH = Separate-phase hydrocarbon
GW = Groundwater
µg/L = Micrograms per liter
mg/L = Milligrams per liter
ft = Feet
MSL = Mean sea level
<x = Not detected at reporting limit x
— = Not analyzed or available

a = Chromatogram pattern indicates an unidentified hydrocarbon.
b = MTBE could not be quantified due to co-eluting compounds.
c = The highest recovery value for TPH has been reported, but this should be considered an estimate. Repeated analysis yielded inconsistent results.
d = Hydrocarbon does not match pattern of laboratory's standard.
e = SPH present in well measured at less than 0.01 feet. Visual inspection revealed the presence of distinct phases within the sample, indicating the possible presence of undissolved hydrocarbons.
f = The concentration reported reflects individual or discrete unidentified peaks not matching a typical fuel pattern.
g = Secondary ion abundances were outside method requirements. Identification based on analytical judgment.
h = Analyzed by EPA Method 8015B (M).
i = Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
j = Analyzed outside the EPA recommended holding time.

When SPHs are present, groundwater elevation is adjusted using the equation:
Corrected Groundwater Elevation = TOC - Depth to water + (0.8 x SPH Thickness).
Resurvey of wells was performed on August 28, 1998 by Virgil Chavez Land Surveying

TABLE 2

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FORMER SHELL SERVICE STATION
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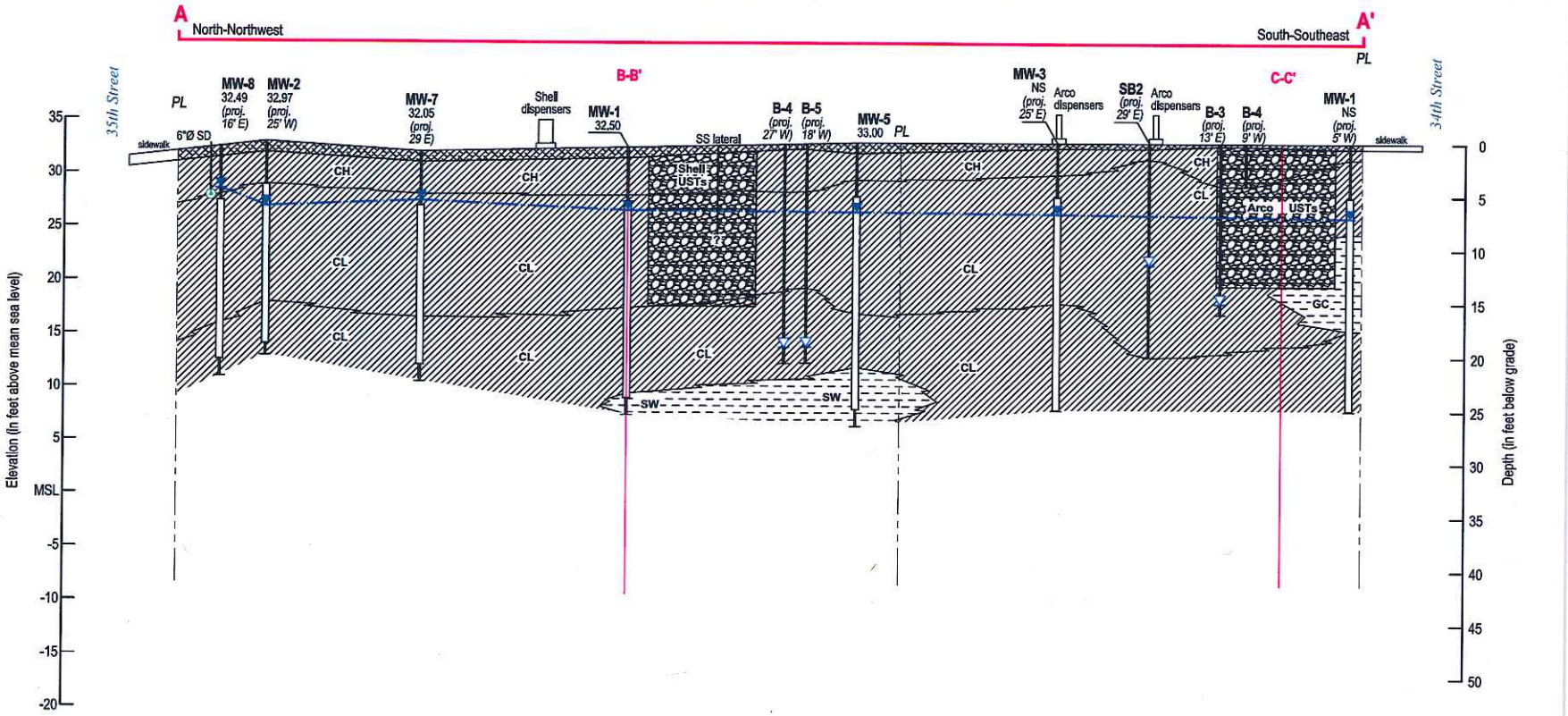
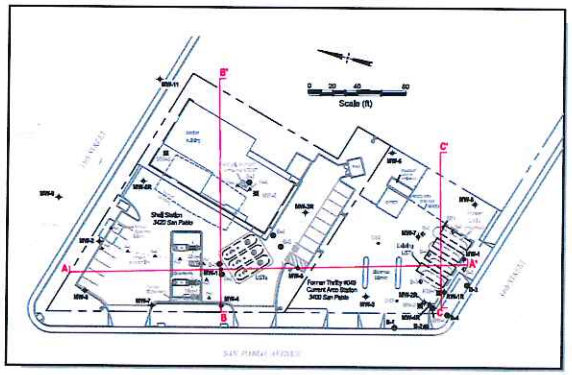
Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)

All wells except MW-11 surveyed February 26, 2001 by Virgil Chavez Land Surveying





EXPLANATION

- = Low Permeability Soils
  - CH - Inorganic Clay
  - CL - Clay
  - SC - Clayey Sand
- = Moderate Permeability Soils
  - ML - Clayey Silt
  - SM - Silty Sand
- = High Permeability Soils
  - SP - Poorly Graded Sand
  - SW - Well Graded Sand
  - GC - Gravels
- = Fill (Tank Pit)

Well ID — Well Designation
Elev. — Top of Well Vault Elevation
NS — Not surveyed

- Groundwater Monitoring Well
- Well Screen Interval
- Bottom of boring
- Groundwater Table
- Initial Groundwater level
- Depth of Groundwater - 7/21/2004

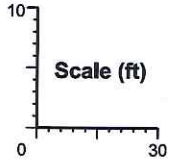


FIGURE
3

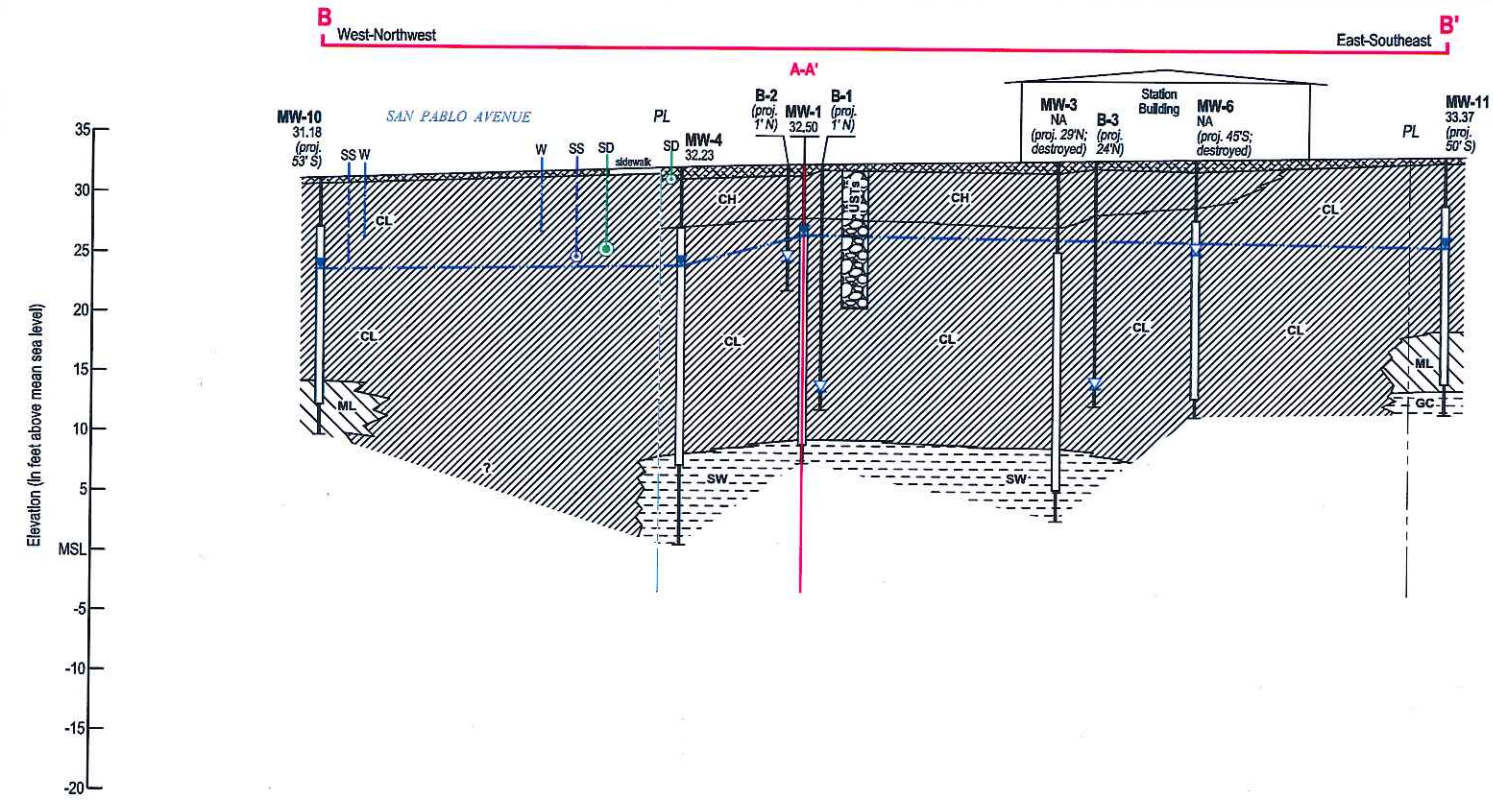
Geologic Cross Section A-A'

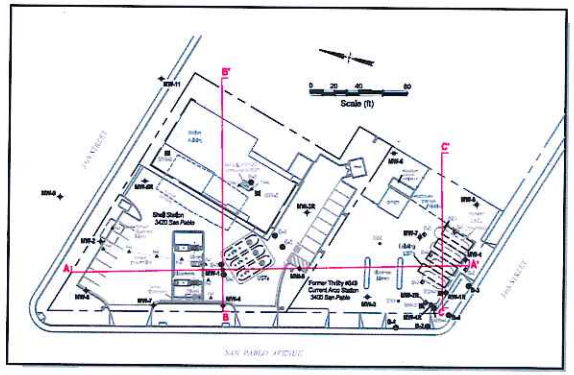
CAMBRIA

Shell-branded Service Station
3420 San Pablo Avenue
Oakland, California

GIS/OAKLAND 3420 SAN PABLO/FIGURES/XSECT A-A'.DWG

ATTACHMENT 6





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— Groundwater Table
▽ Initial Groundwater level
▼ Depth of Groundwater - 7/21/2004

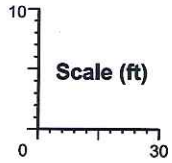


FIGURE
4

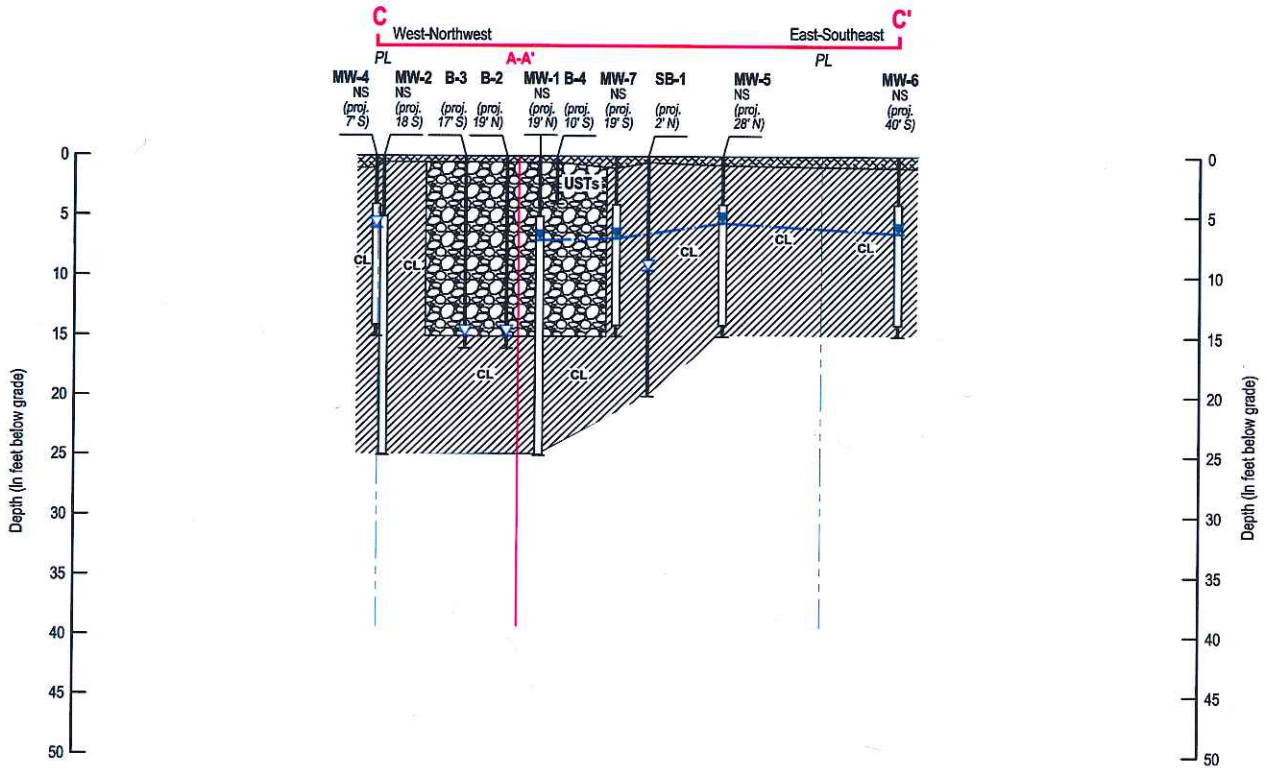
Geologic Cross Section B-B'

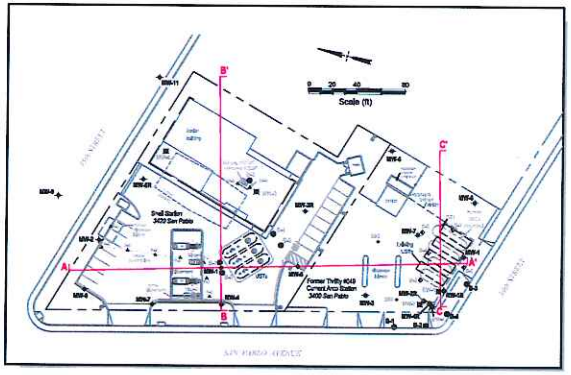
Shell-branded Service Station
3420 San Pablo Avenue
Oakland, California

CAMBRIA

06/09/05

GK0AKLAND 3420 SAN PABLO\FIGURES\A-SECT B-B'.DWG





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  - SM - Silty Sand
- = High Permeability Soils
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  - SW - Well Graded Sand
  - GC - Gravels
- = Fill (Tank Pit)

Well ID — Well Designation
Elev. — Top of Well Vault Elevation
NS — Not surveyed

- Groundwater Monitoring Well
- Well Screen Interval
- Bottom of boring
- Groundwater Table
- Initial Groundwater level
- Depth of Groundwater - 7/21/2004

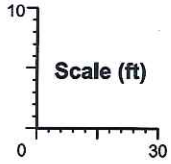

FIGURE
5

Geologic Cross Section C-C'

Shell-branded Service Station
3420 San Pablo Avenue
Oakland, California

CAMBRIA

08/15/05

GROAKLAND 3420 SAN PABLO\FIGURES\XSECT C-C'.DWG