ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Agency Director

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

July 15, 2010

Mr. Denis Brown
Shell Oil Products US
20945 S. Wilmington Ave.
Carson, CA 90810-1039

Sidhu Associates, Inc.
3421 Brookmill Court
Fremont, CA 94536-2421

Subject: Case Closure for Fuel Leak Case No. RO0000404 and Geotracker Global ID T0600118567, Shell#13-5678, 8930 Bancroft Avenue, Oakland, CA 94605

Dear Mr. Brown:

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

SITE INVESTIGATION AND CLEANUP SUMMARY

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

- Total Petroleum Hydrocarbons as diesel remain in soil at concentrations up to 1,200 ppm.
- Ethylbenzene remains in groundwater at concentrations up to 230 ppb.
- As described in section IV of the attached Case Closure Summary, the case was closed with Site Management Requirements that limit future land use to commercial land use only.

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

Sincerely,

Donna L. Drogos, P.E.
Division Chief

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

cc:

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

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

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

Donna Drogos, ACEH (*Sent via E-mail to: donna.drogos@acgov.org*)
Jerry Wickham, ACEH (w/o enc)

Geotracker (w/enc)
File (w/orig enc)

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REMEDIAL ACTION COMPLETION CERTIFICATION

July 15, 2010

Mr. Denis Brown
Shell Oil Products US
20945 S. Wilmington Ave.
Carson, CA 90810-1039

Sidhu Associates, Inc.
3421 Brookmill Court
Fremont, CA 94536-2421

Subject: Case Closure for Fuel Leak Case No. RO0000404 and Geotracker Global ID T0600118567, Shell#13-5678, 8930 Bancroft Avenue, Oakland, CA 94605

Dear Mr. Brown:

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

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to subdivision (h) of Section 25296.10 of the Health and Safety Code. Please contact our office if you have any questions regarding this matter.

Sincerely,

Ariu Levi
Director
Alameda County Environmental Health

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

I. AGENCY INFORMATION

Date: December 3, 2009

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 #13-5678		
Site Facility Address: 8930 Bancroft Avenue, Oakland, CA 94605		
RB Case No.: 01-2572	Local Case No.: ---	LOP Case No.: RO0000404
URF Filing Date: 12/23/1998	Geotracker ID: T0600118567	APN: 43-4607-14-3

Responsible Parties	Addresses	Phone Numbers
Denis Brown, Shell Oil Products US	20945 S. Wilmington Avenue, Carson, CA 90810	707-865-0251
Sidhu Associates, Inc.	3421 Brookmill Court, Fremont, CA 94536-2421	No phone number

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
1	10,000 gallons	Gasoline	Removed	07/08/1999
2	10,000 gallons	Gasoline	Removed	07/08/1999
3	10,000 gallons	Gasoline	Removed	07/08/1999
Piping			Removed	07/08/1999

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Unknown. No holes, cracks, or other signs of failure were observed when tanks were removed.		
Site characterization complete? Yes	Date Approved By Oversight Agency: -----	
Monitoring wells installed? Yes	Number: 6	Proper screened interval? Yes
Highest GW Depth Below Ground Surface: 6.53 feet bgs	Lowest Depth: 16.02 feet bgs	Flow Direction: West
Most Sensitive Current Use: Potential drinking water source.		

Summary of Production Wells in Vicinity: Seven water supply or unknown wells were identified within ½-mile of the site. The nearest well (Well #5) is approximately 1,000 feet southwest (downgradient) of the site. Well #5 is described as an "unknown" well with a total depth of 60 feet and screened interval from 20 to 60 feet bgs. A September 25, 2001 report by Cambria indicates that the well was located and observed to be abandoned. Well #4 is an active irrigation well approximately 1,350 feet southwest (downgradient) of the site. Well #4 is approximately 50 feet deep and was installed in 1980. A sample was collected from well #4 by Shell on November 10, 2004 and analyzed for MTBE. MTBE was not detected in the well. Wells #4 and #5 are not expected to be receptors for the site based on the decreasing dissolved phase concentrations in the source area which indicate that the plume is not expanding. A detached MTBE plume is not suspected based on the not detected results for the sample collected from well #4. Two of the "unknown" wells are believed to be out of service monitoring wells located approximately ½-mile southwest of the site. These wells are not expected to be receptors for the site based on their distance from the site. The remaining "unknown" wells are located in a crossgradient direction from the site and are not expected to be receptors for the site.

Are drinking water wells affected? No	Aquifer Name: East Bay Plain
Is surface water affected? No	Nearest SW Name: Arroyo Viejo is approximately 2,000 feet north of the site.
Off-Site Beneficial Use Impacts (Addresses/Locations): None	
Reports on file? Yes	Where are reports filed? Alameda County Environmental Health and City of Oakland Fire Department

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank	3 - 10,000 gallon tanks	The tanks were transported to Ecology Control Industries, Inc. in Richmond, CA for disposal	07/08/1999
Piping	Not reported	The piping was transported to Ecology Control Industries, Inc. in Richmond, CA for disposal	07/08/1999
Free Product	Not reported	--	--
Soil	753 tons	Transported to Forward Landfill in Manteca, CA for disposal	07/15/1999 and 08/23/1999
Groundwater	1,875 gallons	Recycled at Shell Refinery in Martinez, CA	03/15/2000 to 05/29/2000

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRAT No information available from tank removals IONS BEFORE AND AFTER CLEANUP

(Please see Attachments 1 through 6 for additional information on contaminant locations and concentrations)

Contaminant	Soil (ppm)		Water (ppb)	
	Before	After	Before	After
TPH (Gas)	250	250	80,000(1)	120(1)
TPH (Diesel)	1,200	1,200	290(2)	290(2)
TPH (Motor Oil)	1,700	1,700	630(3)	630(3)
Benzene	<0.005	<0.005	197	17
Toluene	0.18	<0.005	3,100	<1
Ethylbenzene	0.01	<0.005	2,200	230
Xylenes	0.37	<0.005	17,000	22
Lead	60(4)	60(4)	7.8(4)	7.8(4)
MTBE	6.6(5)	1.2(6)	26,000(7)	2.4(7)
Other (8240/8270)	NA	NA	NA	NA

(1) The maximum concentration before cleanup is from a groundwater sample collected from well MW-5 on 12/04/2004; the maximum concentration after cleanup is from a groundwater sample collected from well MW-6 during the most recent groundwater monitoring event on 09/19/2008. TPH as gasoline was detected at a concentration of 110,000 ppb in a grab groundwater sample from boring SB-4 on 02/06/2009; however, this result likely represents a localized area of contaminated soil in the area of the former first generation USTs. The grab groundwater sample result may also be biased high due to elevated turbidity.

(2) The maximum concentration before and after cleanup is from a groundwater sample collected from well MW-6 on 09/19/2008. TPH as diesel was detected at a concentration of 300,000 ppb in a grab groundwater sample from boring SB-4 on 02/06/2009; however, this result likely represents a localized area of contaminated soil in the area of the former first generation USTs. The grab groundwater sample result may also be biased high due to elevated turbidity.

(3) The maximum concentration before and after cleanup is from a groundwater sample collected from well MW-6 on 09/19/2008. TPH as motor oil was detected at a concentration of 2,100 ppb in a grab groundwater sample from boring V-2 on February 6, 2009; however, this result likely represents a localized area of contaminated soil in the area of the former first generation USTs. The grab groundwater sample result may also be biased high due to elevated turbidity.

(4) No metals analyzed other than lead.

(5) MTBE =6.6 ppm; TBA, TAME, ETBE, and DIPE not detected at various reporting limits.

(6) MTBE =1.2 ppm; TBA, TAME, ETBE, and DIPE not detected at various reporting limits.

(7) The maximum concentration before cleanup is from a groundwater sample collected from well MW-4 on 12/17/1998; the maximum concentration after cleanup is from a groundwater sample collected from well MW-4 on 09/19/2008.

Site History and Description of Corrective Actions:

The site was a Shell service station from 1960 to 1999. The USTs were removed in 1999 and the site is currently a 24-7 Quick Mart store. Surrounding land use is mixed commercial and residential. Two generations of USTs were known to be located at the site. The first generation USTs were located in the northwest portion of the site and were removed sometime around 1983. The second generation USTs, which were removed in 1999, were located near the southern corner of the site.

In response to the discovery of gasoline-saturated soil in a horizontal boring for an electrical service conduit six groundwater monitoring wells were installed at the site in May 1983. No soil or groundwater samples were apparently collected from the monitoring well borings during well installation. Fuel system testing results confirmed a leak in product lines. The leak was repaired and new leak detectors installed.

In December 1998, the six monitoring wells were developed and sampled. Based on elevated concentrations of fuel hydrocarbons and MTBE detected in the groundwater samples, an Unauthorized Release Form was submitted on December 23, 1998. The three 10,000-gallon USTs and associated piping and dispensers were removed in July 1999. Soil samples collected beneath the USTs, dispensers, and piping contained up to 6.4 ppm of MTBE. Following removal of the UST system in July 1999, service station operations were discontinued at the site.

A conduit study was conducted in the fourth quarter of 2000. The locations and depths of utilities including sanitary sewers and storm drained were reviewed using City of Oakland utility maps. The conduit study concluded that sewer lines were, at times, below groundwater levels and potentially could act as preferential pathways during periods of higher groundwater elevations.

In April 2001, three soil borings were advanced in Bancroft Avenue downgradient from the site. MTBE was detected in one soil sample at a concentration of 0.055 ppm and in one of two grab groundwater samples collected at a concentration of 450 ppb. A door-to-door well survey was conducted at the site in August 2001. No water wells were identified within 500 feet of the site. However, one active irrigation well was identified approximately 1,300 feet downgradient from the site. A water sample was collected from the irrigation well on November 10, 2004. MTBE was not detected in the water sample from the backyard irrigation well.

On July 13, 2006, two soil borings were advanced downgradient from the site. Soil boring SB-2 was advanced to a depth of 30 feet bgs; however, no groundwater was encountered even though the boring was left open for more than four hours. Groundwater sampling was attempted every three feet from 7 to 25 feet bgs in soil boring SB-1. No groundwater was encountered in any of the intervals. Based on the decline in on-site fuel hydrocarbon concentrations, lack of water-bearing layers encountered in the on-site borings, and previous off-site sampling results, no further off-site investigation was considered necessary.

Groundwater was sampled quarterly in the six monitoring wells at the site from December 1998 to May 2007. MTBE was detected at elevated concentrations from December 1998 to 2001 in well MW-4, which is downgradient from the most recent UST system removed in 1999. MTBE concentrations detected in groundwater from 26,000 ppb in December 1998 to 16 ppb in June 2004. During the most recent groundwater sampling event on September 19, 2008, MTBE was detected at a concentration of 2.4 ppb in groundwater from well MW-4.

In June 2008, three soil borings (TB-1 through TB-3) were advanced in the area of the first generation USTs. TPH as gasoline was detected in 3 of the six soil samples collected at concentrations up to 440 ppm. BTEX and fuel oxygenates were not detected in any of the soil samples. TPH as motor oil was detected in the soil disposal sample.

Based on the results of the June 2008 soil borings, five additional soil borings were advanced in the area of the second generation USTs in February 2009. TPH as gasoline was detected in 4 of 25 soil samples collected at concentrations up to 250 ppm in the area of the second generation USTs. TPH as diesel and TPH as motor oil were detected at concentrations up to 1,200 ppm and TPH as motor oil was detected at concentrations up to 1,200 and 1,700 ppm, respectively.

Site History and Description of Corrective Actions (continued):

TPH as gasoline was detected in grab groundwater samples from 4 of the 5 soil borings advanced in February 2009 at concentrations up to 110,000 ppb. MTBE and benzene were detected in one of the 5 grab groundwater samples at concentrations of 1.2 and 17 ppb, respectively. Based on data from the surrounding sampling locations, the detection of 110,000 ppb of TPH as gasoline in the grab groundwater sample from boring SB-4 may represent a localized area of gasoline-contaminated soil and may be biased high. A grab groundwater sample collected from boring SB-3, which is located approximately 27 feet north of SB-4 did not contain TPH as gasoline at concentrations above the reporting limit. Groundwater samples collected from nearby monitoring wells contained significantly lower concentrations of TPH as gasoline. A groundwater sample collected on September 19, 2008 from monitoring well MW-6, which is located approximately 35 feet downgradient from boring SB-4 contained 120 ppb of TPH as gasoline. A groundwater sample collected on September 19, 2008 from monitoring well MW-2, which is located approximately 15 feet crossgradient from boring SB-4 did not contain TPH as gasoline at a concentration above the reporting limit.

TPH as diesel was detected at a concentration of 300,000 ppb in a grab groundwater sample from boring SB-4 on 02/06/2009; however, this result likely represents a localized area of contaminated soil in the area of the former first generation USTs. The grab groundwater sample result may also be biased high due to elevated turbidity.

Two soil vapor samples were collected from the area of the former first generation tank pit on February 5, 2009. Benzene was detected in the two soil vapor samples at concentrations of 13 and 21 micrograms per cubic meter, respectively.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes		
Does corrective action protect public health for current land use? Alameda County Environmental Health staff does not make specific determinations concerning public health risk. However, based upon the information available in our files to date, it does not appear that the release would present a risk to human health based upon current land use and conditions.		
Site Management Requirements: Case closure for the fuel leak site is granted for the current commercial land use only. If a change in land use to any residential or other conservative land use scenario occurs at this site, 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 the 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. The site is to be entered into the City of Oakland Permit Tracking System due to the residual contamination on site.		
Should corrective action be reviewed if land use changes? Yes.		
Was a deed restriction or deed notification filed? No		Date Recorded: --
Monitoring Wells Decommissioned: No	Number Decommissioned: 0	Number Retained: 6
List Enforcement Actions Taken: None		
List Enforcement Actions Rescinded: --		

V. ADDITIONAL COMMENTS, DATA, ETC.

Considerations and/or Variances:

TPH as gasoline was detected in grab groundwater samples from 4 of the 5 soil borings advanced in February 2009 at concentrations up to 110,000 ppb. MTBE and benzene were detected in one of the 5 grab groundwater samples at concentrations of 1.2 and 17 ppb, respectively. Based on data from the surrounding sampling locations, the detection of 110,000 ppb of TPH as gasoline in the grab groundwater sample from boring SB-4 may represent a localized area of gasoline-contaminated soil and may be biased high. A grab groundwater sample collected from boring SB-3, which is located approximately 27 feet north of SB-4 did not contain TPH as gasoline at concentrations above the reporting limit. Groundwater samples collected from nearby monitoring wells contained significantly lower concentrations of TPH as gasoline. A groundwater sample collected on September 19, 2008 from monitoring well MW-6, which is located approximately 35 feet downgradient from boring SB-4 contained 120 ppb of TPH as gasoline. A groundwater sample collected on September 19, 2008 from monitoring well MW-2, which is located approximately 15 feet crossgradient from boring SB-4 did not contain TPH as gasoline at a concentration above the reporting limit.

TPH as diesel was detected at a concentration of 300,000 ppb in a grab groundwater sample from boring SB-4 on 02/06/2009; however, this result likely represents a localized area of contaminated soil in the area of the former first generation USTs. The grab groundwater sample result may also be biased high due to elevated turbidity.

No analyses were performed for ethylene dibromide or 1,2-dichloroethane in soil or groundwater.

Conclusion:

Alameda County Environmental Health staff believe that the levels of residual contamination do not pose a significant threat to water resources, public health and safety, and the environment based upon the information available in our files to date. No further investigation or cleanup is necessary. ACEH staff recommend case closure for this site.

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Jerry Wickham	Title: Senior Hazardous Materials Specialist
Signature: Jerry Wickham	Date: 01/07/10
Approved by: Donna L. Drogos, P.E.	Title: Chief
Signature:	Date: 01/07/10

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

VII. REGIONAL BOARD NOTIFICATION

Regional Board Staff Name: Cherie McCaulou	Title: Engineering Geologist
RB Response: Concur, based solely upon information contained in this case closure summary.	Date Submitted to RB:
Signature: Cherie McCaulou	Date: 3/2/10

VIII. MONITORING WELL DECOMMISSIONING

Date Requested by ACEH: 05/04/10	Date of Well Decommissioning Report: 07/12/10	
All Monitoring Wells Decommissioned: (Yes) No	Number Decommissioned: 6	Number Retained: Ø
Reason Wells Retained: NA		
Additional requirements for submittal of groundwater data from retained wells: None		
ACEH Concurrence - Signature: Jerry Wickham		Date: 07/20/10

Attachments:
1. Site Vicinity Map/Area Well Survey Map (1 page)
2. Site Map (1 page)
3. Soil and Groundwater Contour/Chemical Concentration Maps (4 pp)
4. Soil and Soil Vapor Analytical Data (7 pp)
5. Groundwater Analytical Data (11 pp)
6. Boring Logs (16 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.

03/13/09

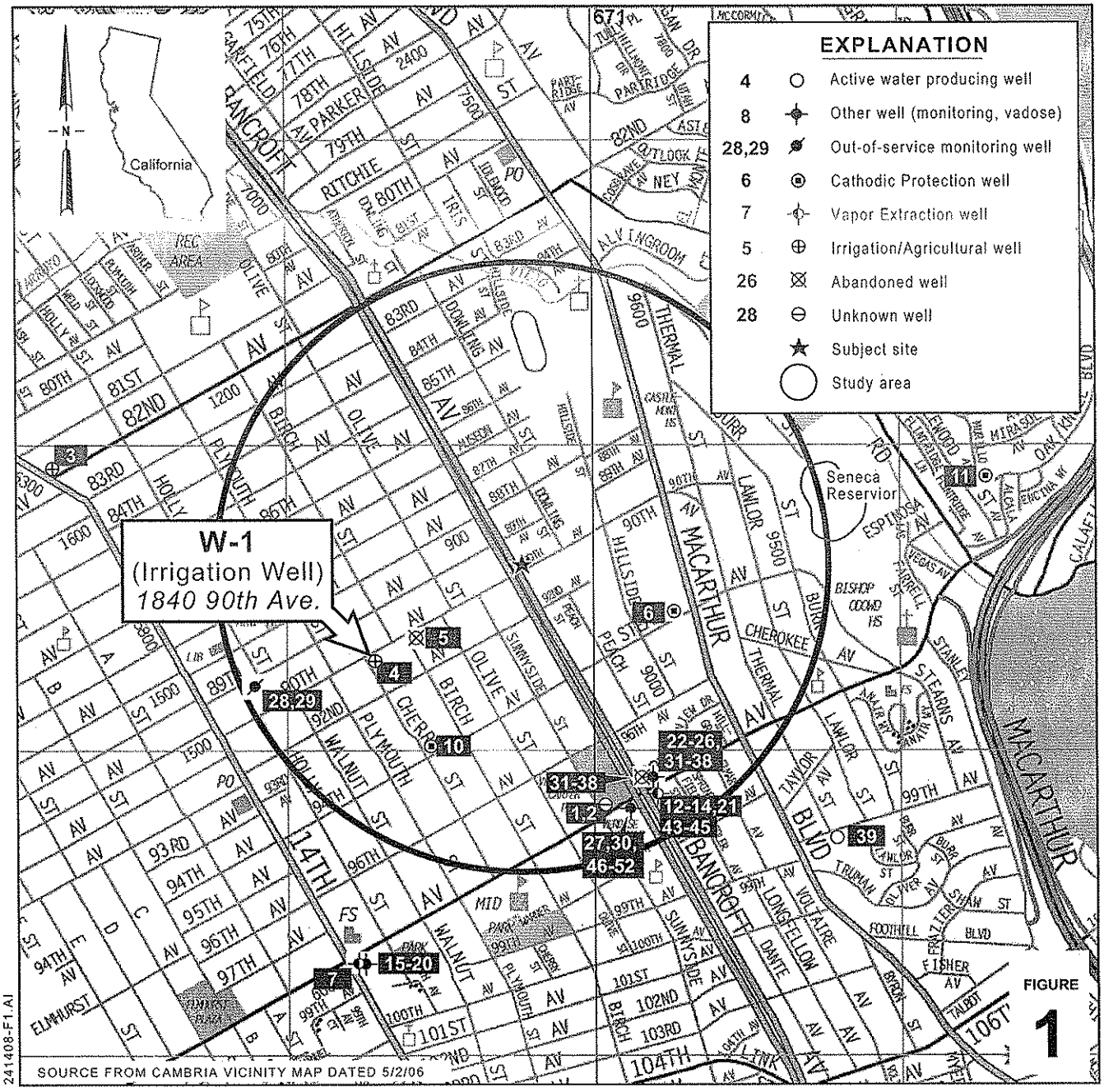


FIGURE 1

0 1/8 1/4 1/2 1

SCALE 1" = 1/4 MILE

Former Shell Service Station
8930 Bancroft Avenue
Oakland, California

CONESTOGA-ROVERS & ASSOCIATES

Vicinity Map

ATTACHMENT 1

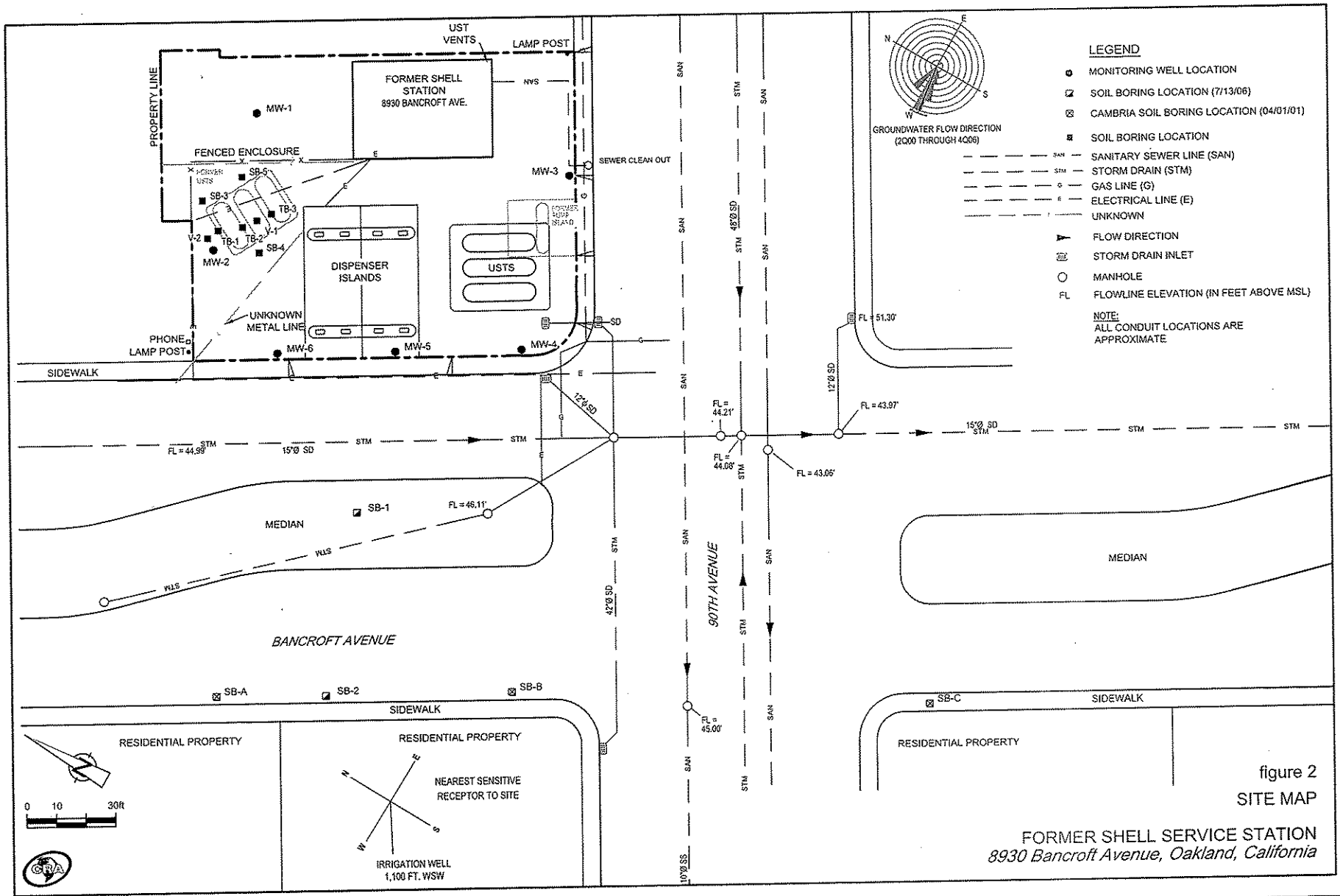


figure 2

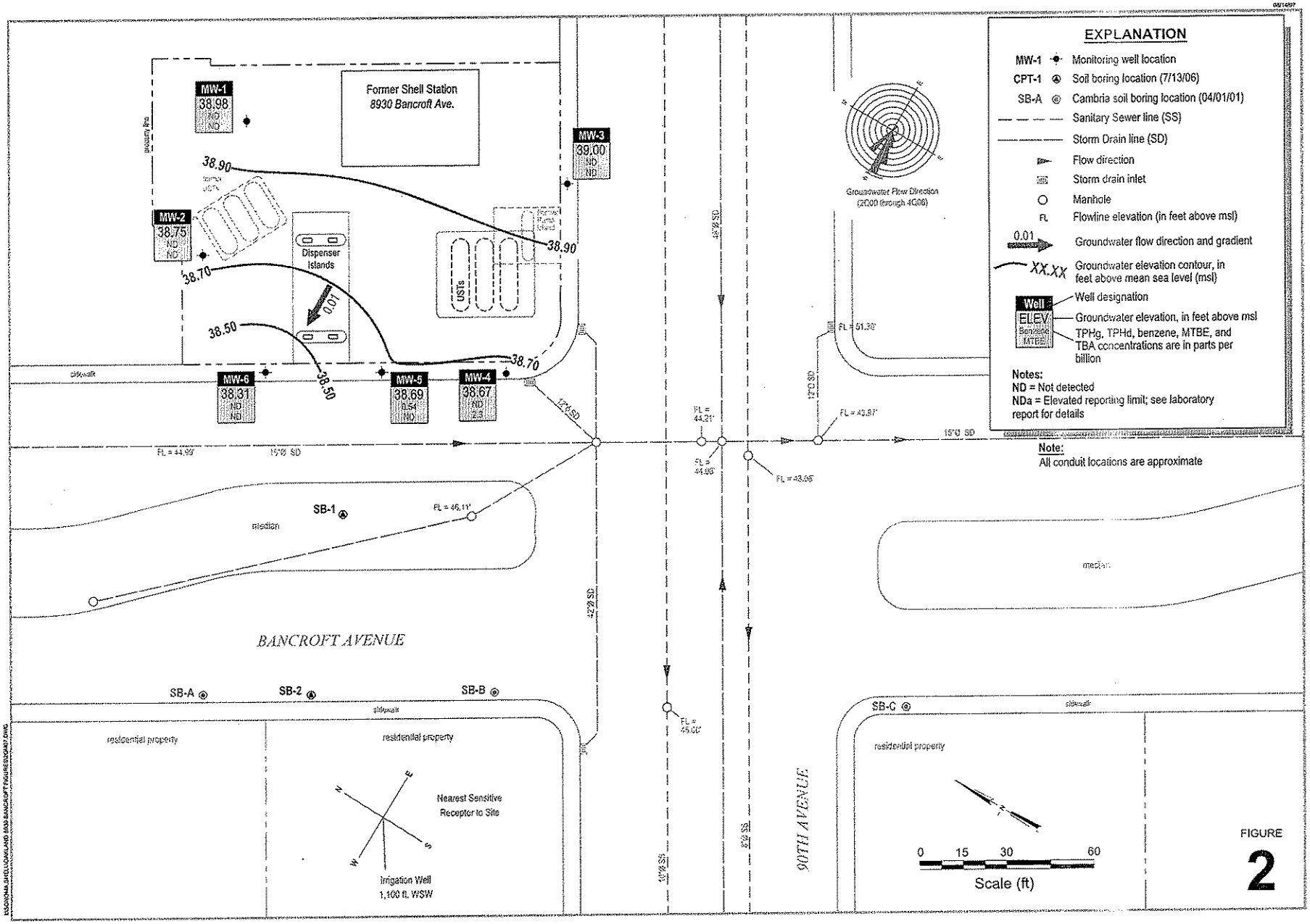
SITE MAP

FORMER SHELL SERVICE STATION

8930 Bancroft Avenue, Oakland, California

241408-2009(003)GN-SO001 MAR 13/2009

ATTACHMENT 2



ATTACHMENT 3

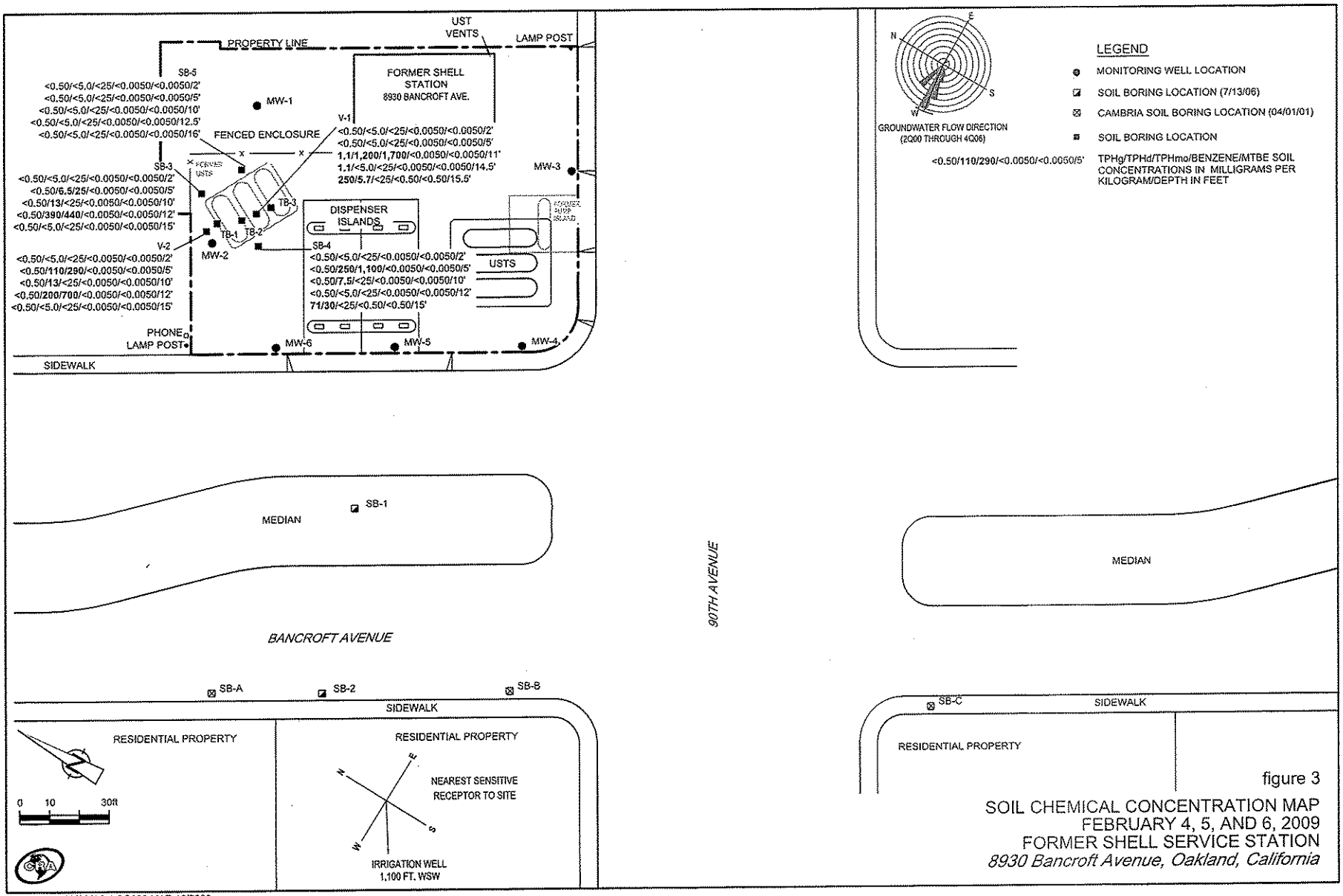


figure 3

SOIL CHEMICAL CONCENTRATION MAP
FEBRUARY 4, 5, AND 6, 2009
FORMER SHELL SERVICE STATION
8930 Bancroft Avenue, Oakland, California

241408-2009(003)GN-SO002 MAR 18/2009

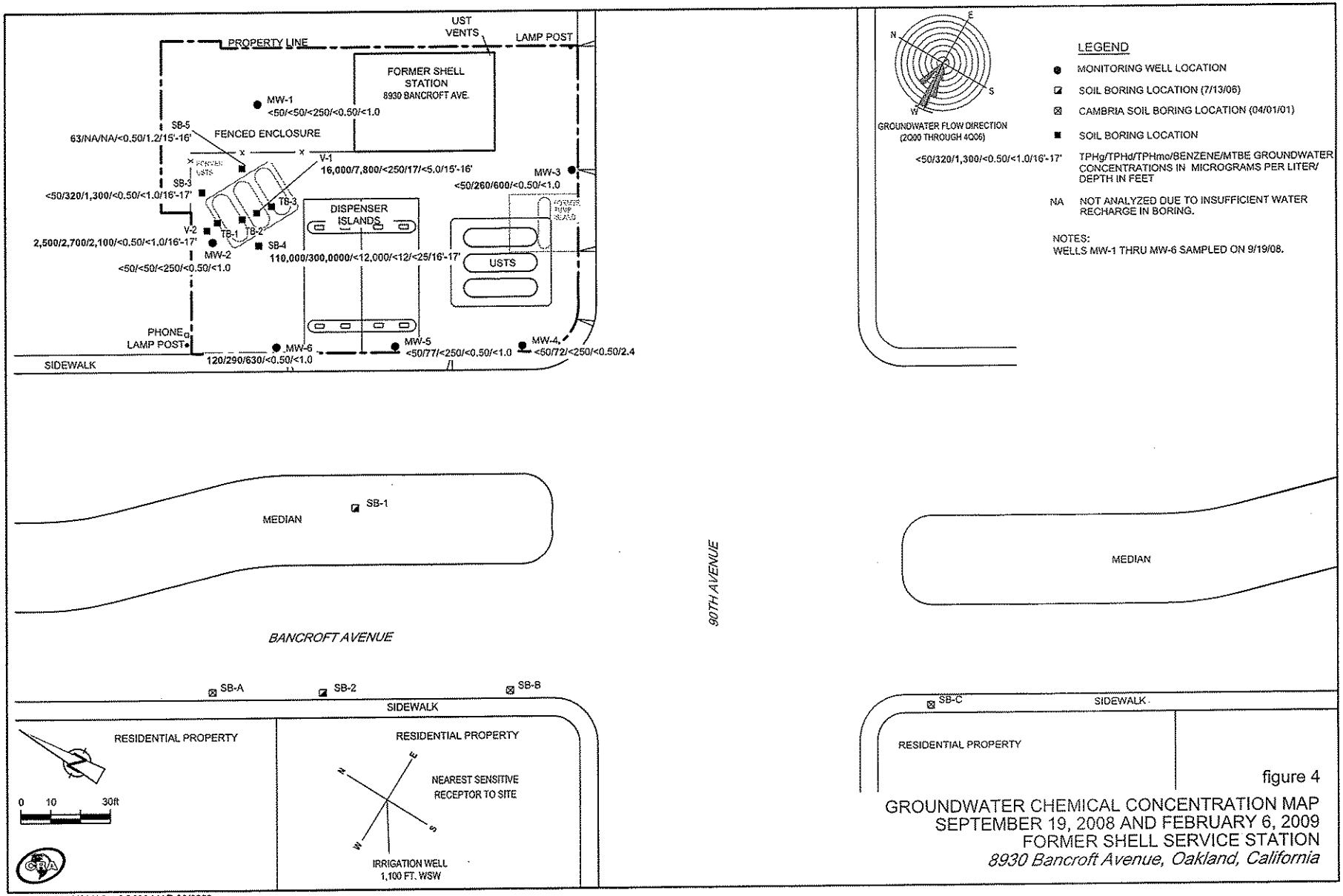


figure 4

GROUNDWATER CHEMICAL CONCENTRATION MAP
SEPTEMBER 19, 2008 AND FEBRUARY 6, 2009
FORMER SHELL SERVICE STATION
8930 Bancroft Avenue, Oakland, California

241408-2009(003)GN-SO003 MAR 20/2009

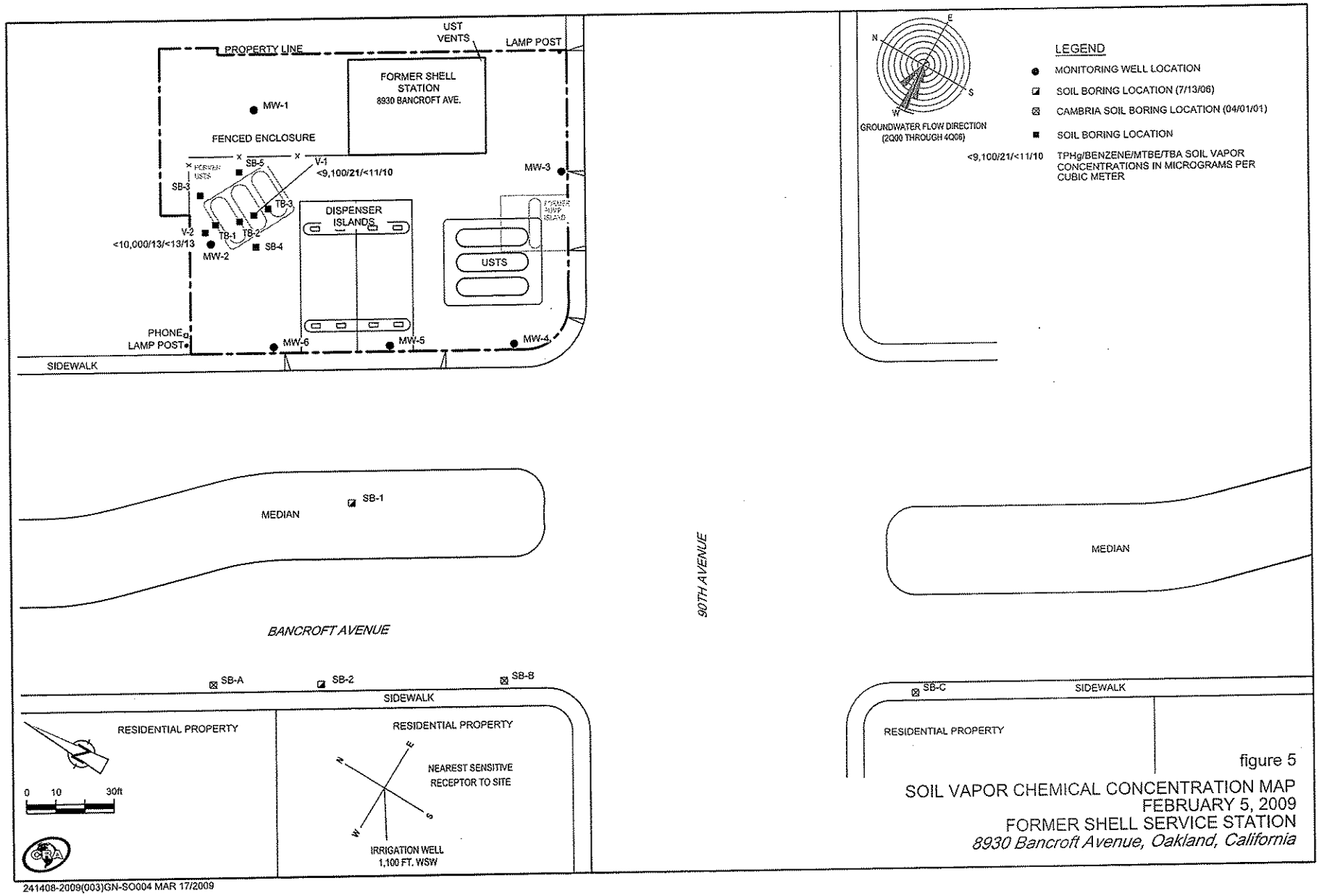


figure 5

SOIL VAPOR CHEMICAL CONCENTRATION MAP
FEBRUARY 5, 2009
FORMER SHELL SERVICE STATION
8930 Bancroft Avenue, Oakland, California

241408-2009(003)GN-SO004 MAR 17/2009

Table 1. Soil Analytical Data - Former Shell-branded Service Station, Incident #98995742, 8930 Bancroft Avenue, Oakland, California

Sample ID	Depth (ft)	Date Sampled	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	Lead
			← (Concentrations reported in milligrams/kilogram) →						
T1-1-13'	13	7/8/99	<1.0	6.6 (6.100)	<0.005	<0.005	<0.005	<0.005	8.9
T1-2-13'	13	7/8/99	3.2	0.67 (0.370)	<0.005	<0.005	<0.005	<0.005	9.1
T3-1-13'	11	7/8/99	<1.0	5.7 (6.200)	<0.005	<0.005	<0.005	<0.005	9.9
T3-2-12.5'	12.5	7/8/99	<1.0	<0.05	<0.005	<0.005	<0.005	<0.005	9.7
D/P-1-2.5'	2.5	7/8/99	<1.0	<0.05	<0.005	<0.005	<0.005	<0.005	10
D/P-2-4'	4	7/8/99	<1.0	<0.05	<0.005	<0.005	<0.005	<0.005	11
D/P-3-3.5'	3.5	7/8/99	<1.0	<0.05	<0.005	<0.005	<0.005	<0.005	9.5
D/P-4-3.5'	3.5	7/8/99	<1.0	<0.05	<0.005	<0.005	<0.005	<0.005	11
P-5-4'	4	7/8/99	12	0.92 (0.770)	<0.005	0.18	0.01	0.37	60
P-6-4'	4	7/8/99	<1.0	<0.05	<0.005	<0.005	<0.005	<0.005	9.4
SW-1-13.5'	13.5	7/15/99	<1.0	1.1 (1.400)	<0.005	<0.005	<0.005	<0.005	12
SW-2-13.5'	13.5	7/15/99	<1.0	1.2 (1.500)	<0.005	<0.005	<0.005	<0.005	11
SW-3-13.5'	13.5	7/15/99	<1.0	0.06 (0.071)	<0.005	<0.005	<0.005	<0.005	13
SW-4-13.5	13.5	7/15/99	<1.0	0.19 (0.240)	<0.005	<0.005	<0.005	<0.005	10

Notes and Abbreviations:

TPHg = Total petroleum hydrocarbons as gasoline by modified EPA Method 8015
MTBE = Methyl tert-butyl ether by EPA Method 8020.
(n) = MTBE by EPA method 8260 (converted from µg/kg to mg/kg)
Benzene, toluene, ethylbenzene, and xylenes by EPA Method 8020
<n = Below detection limit of n mg/kg
NT = Not Tested

ATTACHMENT 4

TABLE 1

SOIL ANALYTICAL DATA
FORMER SHELL-BRANDED SERVICE STATION
8930 BANCROFT AVENUE
OAKLAND, CALIFORNIA

Sample ID	*Depth (fbg)*	*Date Sampled*	*TPHg (mg/Kg)*	*TPHd (mg/Kg)*	*TPH as Motor Oil (mg/Kg)*	*Benzene (mg/Kg)*	*Toluene (mg/Kg)*	*Ethyl-benzene (mg/Kg)*	*Xylenes (mg/Kg)*	*MTBE (mg/Kg)*	*TBA (mg/Kg)*	*DIPE (mg/Kg)*	*ETBE (mg/Kg)*	*TAME (mg/Kg)*
SB-3	2	2/4/2009	<0.50	<5.0	<25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
SB-3	5	2/6/2009	<0.50	**6.5 a**	**25**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
SB-3	10	2/6/2009	<0.50	**13 a**	<25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
SB-3	12	2/6/2009	<0.50	**390 a**	**440**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
SB-3	15	2/6/2009	<0.50	<5.0	<25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
SB-4	2	2/4/2009	<0.50	<5.0	<25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
SB-4	5	2/6/2009	<0.50	**250 a**	**1,100**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
SB-4	10	2/6/2009	<0.50	**7.5 a**	<25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
SB-4	12	2/6/2009	<0.50	<5.0	<25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
SB-4	15	2/6/2009	**71**	**30 a**	<25	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<1.0	<1.0	<1.0
SB-5	2	2/4/2009	<0.50	<5.0	<25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
SB-5	5	2/6/2009	<0.50	<5.0	<25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
SB-5	10	2/6/2009	<0.50	<5.0	<25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
SB-5	12.5	2/6/2009	<0.50	<5.0	<25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
SB-5	16	2/6/2009	<0.50	<5.0	<25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
V-1	2	2/5/2009	<0.50	<5.0	<25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
V-1	5	2/5/2009	<0.50	<5.0	<25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
V-1	11	2/6/2009	**1.1**	**1200 a**	**1,700**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
V-1	14.5	2/6/2009	**1.1**	<5.0	<25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
V-1	15.5	2/6/2009	**250**	**5.7 a**	<25	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<1.0	<1.0	<1.0
V-2	2	2/4/2009	<0.50	<5.0	<25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
V-2	5	2/6/2009	<0.50	**110 a**	**290**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
V-2	10	2/6/2009	<0.50	**13 a**	<25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
V-2	12	2/6/2009	<0.50	**200 a**	**700**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010
V-2	15	2/6/2009	<0.50	<5.0	<25	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.010	<0.010	<0.010

TABLE 1

SOIL ANALYTICAL DATA
FORMER SHELL-BRANDED SERVICE STATION
8930 BANCROFT AVENUE
OAKLAND, CALIFORNIA

Notes and Abbreviations:
Analytical results in milligrams per kilogram (mg/kg).
TPHg = Total petroleum hydrocarbons as gasoline by modified EPA Method 8015.
TPHd = Total petroleum hydrocarbons as diesel by EPA 8015B
TPH as Motor Oil = Total petroleum hydrocarbons as Motor Oil by EPA 8015B (M)
Benzene, toluene, ethylbenzene, and xylenes by EPA Method 8260B
MTBE = Methyl tert-butyl ether by EPA Method 8260B
TBA = Tertiary butyl alcohol by EPA Method 8260B
DIPE = Diisopropyl Ether by EPA 8260B
ETBE = Ethyl tertiary butyl ether by EPA Method 8260B
TAME = Tertiary amyl methyl ether by EPA Method 8260B
a = The sample chromatogrpahic pattern for TPH does not matchthe chromatographic pattern of the specified standard.

Table 2. Soil Analytical Data - Shell-branded Service Station - 8930 Bancroft Avenue, Oakland, California - Incident #: 98995742

Sample ID	Depth (feet below grade)	TPHg	MTBE (8260)	Benzene	Toluene	Ethylbenzene	Xylenes
		←		(Concentrations reported in ppm)			→
April 4, 2001 Soil Samples:							
SB-A-10.5	10.5	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005
SB-A-15.0	15.0	<1.0	<0.005	<0.005	<0.05	<0.005	<0.05
SB-B-5.5	5.5	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005
SB-B-10.5	10.5	<1.0	<0.005	<0.005	<0.005	<0.005	<0.02
SB-B-15.5	15.5	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005
SB-B-18.0	18.0	<1.0	**0.055**	<0.005	<0.005	<0.005	<0.005
SB-C-10.5	10.5	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005
SB-C-15.5	15.5	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005
SB-C-20.5	20.5	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005
SB-C-26.0	26.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005

Benzene, ethylbenzene, toluene, xylenes by EPA Method 8260B.
ppm = parts per million
< X = Below laboratory detection limit of X
NA = Not analyzed

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates
19449 Riverside Drive, Suite 230
Sonoma, CA 95476-6955

Date Received: 06/10/08
Work Order No: 08-06-0810
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: mg/kg

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
TB-1-10.5	08-06-0810-1-A	06/05/08 10:05	Solid	GC/MS LL	06/13/08	06/14/08 02:34	080613L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1	
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	99	70-130			1,4-Bromofluorobenzene-TPPH	99	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
TB-1-12.5	08-06-0810-2-A	06/05/08 10:10	Solid	GC/MS LL	06/13/08	06/14/08 03:46	080613L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1	
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	101	70-130			1,4-Bromofluorobenzene-TPPH	101	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
TB-2-10.5	08-06-0810-3-A	06/05/08 15:35	Solid	GC/MS R	06/14/08	06/15/08 07:20	080614L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	310	50	100		Methyl-t-Butyl Ether (MTBE)	ND	0.50	100	
Benzene	ND	0.50	100		Tert-Butyl Alcohol (TBA)	ND	5.0	100	
Ethylbenzene	ND	0.50	100		Diisopropyl Ether (DIPE)	ND	1.0	100	
Toluene	ND	0.50	100		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	100	
p/m-Xylene	ND	0.50	100		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	100	
o-Xylene	ND	0.50	100						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	105	70-130			1,4-Bromofluorobenzene-TPPH	106	70-130		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Conestoga-Rovers & Associates	Date Received: 06/10/08
19449 Riverside Drive, Suite 230	Work Order No: 08-06-0810
Sonoma, CA 95476-6955	Preparation: EPA 5030B
	Method: LUFT GC/MS / EPA 8260B
	Units: mg/kg

Project: 8930 Bancroft Ave., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
TB-2-13.5	08-06-0810-4-A	06/05/08 15:40	Solid	GC/MS R	06/14/08	06/15/08 06:50	080614L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	52	12	25		Methyl-t-Butyl Ether (MTBE)	ND	0.12	25	
Benzene	ND	0.12	25		Tert-Butyl Alcohol (TBA)	ND	1.2	25	
Ethylbenzene	ND	0.12	25		Diisopropyl Ether (DIPE)	ND	0.25	25	
Toluene	ND	0.12	25		Ethyl-t-Butyl Ether (ETBE)	ND	0.25	25	
p/m-Xylene	ND	0.12	25		Tert-Amyl-Methyl Ether (TAME)	ND	0.25	25	
o-Xylene	ND	0.12	25						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	111	70-130			1,4-Bromofluorobenzene-TPPH	110	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
TB-3-10.5	08-06-0810-5-A	06/06/08 10:25	Solid	GC/MS R	06/14/08	06/15/08 06:19	080614L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	440	50	100		Methyl-t-Butyl Ether (MTBE)	ND	0.50	100	
Benzene	ND	0.50	100		Tert-Butyl Alcohol (TBA)	ND	5.0	100	
Ethylbenzene	ND	0.50	100		Diisopropyl Ether (DIPE)	ND	1.0	100	
Toluene	ND	0.50	100		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	100	
p/m-Xylene	ND	0.50	100		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	100	
o-Xylene	ND	0.50	100						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	108	70-130			1,4-Bromofluorobenzene-TPPH	108	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
TB-3-13.5	08-06-0810-6-A	06/06/08 10:30	Solid	GC/MS LL	06/13/08	06/14/08 04:11	080613L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	5.4	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0050	1	
Benzene	ND	0.0050	1		Tert-Butyl Alcohol (TBA)	ND	0.050	1	
Ethylbenzene	ND	0.0050	1		Diisopropyl Ether (DIPE)	ND	0.010	1	
Toluene	ND	0.0050	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.010	1	
p/m-Xylene	ND	0.0050	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.010	1	
o-Xylene	ND	0.0050	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	110	70-130			1,4-Bromofluorobenzene-TPPH	109	70-130		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

TABLE 3

SOIL VAPOR ANALTYICAL DATA
FORMER SHELL-BRANDED SERVICE STATION
8930 BANCROFT AVENUE
OAKLAND, CALIFORNIA

Sample ID	*Date Sampled*	*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* ($\mu g/m^3$)	*TBA* ($\mu g/m^3$)	*Propane* ($\mu g/m^3$)	*Butane* ($\mu g/m^3$)	*Isobutane* ($\mu g/m^3$)
V-1	05-Feb-09	<9,100	**21**	**33**	**5.6**	<14	<11	**10**	**87**	**56**	**37**
V-2	05-Feb-09	<10,000	**13**	**40**	**6.7**	<15	<13	**13**	<47	**42**	**43**
V-2 (Duplicate)	05-Feb-09	<9,900	**14**	**41**	**7.7**	**22**	<12	**26**	<47	**42**	**45**
*Ambient Air	05-Feb-09	<8,600	<2.4	**5.9**	<3.3	<13	<11	<9.1	<41	<18	<18
[1]**SFBRWQCB ESL's**	**Residential Land Use**	10,000	84	63,000	980	21,000	9,400	NA	NA	NA	NA
Shallow Soil Gas	**Commercial Land Use**	29,000	280	180,000	3,300	58,000	31,000	NA	NA	NA	NA

Abbreviations and Notes:

Results in **bold** denote detectable concentrations

$\mu g/m^3$ = micrograms per cubic meter

<x = Not detected at reporting limit x

TPHg = Total petroleum hydrocarbons as gasoline by Modified EPA Method TO-3M

BTEX = Benzene, toluene, ethylbenzene, and xylenes by Modified EPA Method TO-15

MTBE (Methyl tertiary butyl ether), TBA (tertiary butyl alcohol), Propane, Butane, and Isobutane by EPA Method TO-15

* Ambient air sample was collected in the vicinity of soil vapor probe V-1

[1] From Table E of SFBRWQCB ESL's. Ref: Screening for Environmental Concerns at Sites with Contaminated Soil & Groundwater-Interim Final, Nov. 2007 (Rev. May, 2008)

NA = Not available

WELL CONCENTRATIONS
Former Shell Service Station
8930 Bancroft Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	TPH Motor Oil (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (mg/L)
MW-1	12/17/1998	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	53.19	11.87	NA	41.32	NA	NA
MW-1	03/09/1999	<50.0	NA	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	53.19	8.21	NA	44.98	NA	NA
MW-1	06/16/1999	<50.0	NA	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	53.19	15.04	NA	38.15	NA	NA
MW-1	09/30/1999	<50.0	NA	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	53.19	16.02	NA	37.17	NA	NA
MW-1	12/23/1999	<50.0	NA	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	53.19	14.78	NA	38.41	NA	NA
MW-1	03/22/2000	<50.0	NA	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	53.19	8.44	NA	44.75	NA	NA
MW-1	06/01/2000	<50.0	NA	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	53.19	13.71	NA	39.48	NA	NA
MW-1	09/08/2000	<50.0	NA	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	53.19	14.95	NA	38.24	NA	NA
MW-1	12/04/2000	<50.0	NA	NA	<0.500	<0.500	<0.500	<0.500	5.82	NA	NA	NA	NA	NA	53.19	13.85	NA	39.34	NA	NA
MW-1	03/09/2001	<50.0	NA	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	53.19	9.07	NA	44.12	NA	NA
MW-1	06/27/2001	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	53.19	14.90	NA	38.29	NA	NA
MW-1	09/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53.19	15.53	NA	37.66	NA	NA
MW-1	12/05/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53.19	10.41	NA	42.78	NA	3.8
MW-1	02/26/2002	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	53.19	11.09	NA	42.10	NA	NA
MW-1	06/06/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53.19	14.13	NA	39.06	NA	NA
MW-1	09/09/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53.20	15.55	NA	37.65	NA	NA
MW-1	12/19/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53.20	8.67	NA	44.53	NA	NA
MW-1	03/28/2003	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	53.20	13.33	NA	39.87	NA	NA
MW-1	06/30/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53.20	14.71	NA	38.49	NA	NA
MW-1	09/25/2003	<50	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	53.20	15.13	NA	38.07	NA	NA
MW-1	12/02/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53.20	14.42	NA	38.78	NA	NA
MW-1	03/18/2004	<50	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	53.20	10.38	NA	42.82	NA	NA
MW-1	06/17/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53.20	14.95	NA	38.25	NA	NA
MW-1	09/02/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53.20	15.75	NA	37.45	NA	NA
MW-1	12/14/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53.20	11.20	NA	42.00	NA	NA
MW-1	02/28/2005	<50	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	53.20	8.53	NA	44.67	NA	NA
MW-1	06/21/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53.20	13.22	NA	39.98	NA	NA
MW-1	08/29/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53.20	15.15	NA	38.05	NA	NA
MW-1	12/05/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53.20	12.95	NA	40.25	NA	NA
MW-1	03/31/2006	<50.0	NA	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	53.20	7.68	NA	45.52	NA	NA
MW-1	06/14/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53.20	13.37	NA	39.83	NA	NA
MW-1	09/20/2006	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53.20	NA	NA	NA	NA	NA
MW-1	12/20/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53.20	11.51	NA	41.69	NA	NA
MW-1	03/01/2007	<50	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	53.20	9.60	NA	43.60	NA	NA
MW-1	05/11/2007	<50 f	NA	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	53.20	14.22	NA	38.98	NA	NA

ATTACHMENT 5

WELL CONCENTRATIONS
Former Shell Service Station
8930 Bancroft Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	TPH Motor Oil (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (mg/L)
MW-1	09/19/2008	<50	<50 i	<250 i	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	53.20	16.12	NA	37.08	NA	NA
MW-2	12/17/1998	9,900	NA	NA	<5.0	37	22	47	48	<20	NA	NA	NA	NA	52.66	11.65	NA	41.01	NA	NA
MW-2	03/09/1999	2,760	NA	NA	12.3	7.50	85.4	444	<50.0	NA	NA	NA	NA	NA	52.66	8.07	NA	44.59	NA	NA
MW-2	06/16/1999	2,570	NA	NA	36.3	11.6	6.19	10.8	<50.0	NA	NA	NA	NA	NA	52.66	14.63	NA	38.03	NA	NA
MW-2	09/30/1999	1,960	NA	NA	19.1	3.20	4.55	26.9	<25.0	NA	NA	NA	NA	NA	52.66	15.63	NA	37.03	NA	NA
MW-2	12/23/1999	145	NA	NA	1.30	<0.500	<0.500	0.899	<2.50	NA	NA	NA	NA	NA	52.66	14.42	NA	38.24	NA	NA
MW-2	03/22/2000	6,060	NA	NA	18.9	<10.0	210	651	<100	NA	NA	NA	NA	NA	52.66	8.19	NA	44.47	NA	NA
MW-2	06/01/2000	<50.0	NA	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	52.66	11.46	NA	41.20	NA	NA
MW-2	09/08/2000	<50.0	NA	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	52.66	14.63	NA	38.03	NA	NA
MW-2	12/04/2000	201	NA	NA	1.35	<0.500	3.39	8.58	<2.50	NA	NA	NA	NA	NA	52.66	13.45	NA	39.21	NA	NA
MW-2	03/09/2001	396	NA	NA	2.82	<0.500	8.69	18.7	<2.50	NA	NA	NA	NA	NA	52.66	8.89	NA	43.77	NA	NA
MW-2	06/27/2001	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	52.66	14.88	NA	37.78	NA	NA
MW-2	09/20/2001	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	52.66	15.19	NA	37.47	NA	NA
MW-2	12/05/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	52.66	10.02	NA	42.64	NA	2.8
MW-2	02/26/2002	180	NA	NA	<0.50	<0.50	2.7	4.1	NA	<0.50	NA	NA	NA	NA	52.66	10.76	NA	41.90	NA	NA
MW-2	06/06/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	52.66	13.83	NA	38.83	NA	NA
MW-2	09/09/2002	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	52.66	15.23	NA	37.43	NA	NA
MW-2	12/19/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	52.66	8.46	NA	44.20	NA	NA
MW-2	03/28/2003	53	NA	NA	<0.50	<0.50	0.51	1.4	NA	<5.0	NA	NA	NA	NA	52.66	12.96	NA	39.70	NA	NA
MW-2	06/30/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	52.66	14.49	NA	38.17	NA	NA
MW-2	09/25/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	52.66	NA	NA	NA	NA	NA
MW-2	10/03/2003	54 c	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	52.66	15.03	NA	37.63	NA	NA
MW-2	12/02/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	52.66	14.08	NA	38.58	NA	NA
MW-2	03/18/2004	130	NA	NA	<0.50	<0.50	1.9	2.4	NA	<0.50	NA	NA	NA	NA	52.66	10.08	NA	42.58	NA	NA
MW-2	06/17/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	52.66	14.65	NA	38.01	NA	NA
MW-2	09/02/2004	<50	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	52.66	15.38	NA	37.28	NA	NA
MW-2	12/14/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	52.66	10.89	NA	41.77	NA	NA
MW-2	02/28/2005	<50	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	52.77 d	8.48	NA	44.29	NA	NA
MW-2	06/21/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	52.77	13.06	NA	39.71	NA	NA
MW-2	08/29/2005	<50	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	52.77	14.88	NA	37.89	NA	NA
MW-2	12/05/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	52.77	12.78	NA	39.99	NA	NA
MW-2	03/31/2006	<50.0	NA	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	52.77	7.66	NA	45.11	NA	NA
MW-2	06/14/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	52.77	13.18	NA	39.59	NA	NA
MW-2	09/20/2006	<50.0	NA	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	52.77	15.00	NA	37.77	NA	NA

WELL CONCENTRATIONS
Former Shell Service Station
8930 Bancroft Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	TPH Motor Oil (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (mg/L)
MW-2	12/20/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	52.77	11.47	NA	41.30	NA	NA
MW-2	03/01/2007	<50	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	52.77	9.65	NA	43.12	NA	NA
MW-2	05/11/2007	<50 f	NA	NA	<0.50	<1.0	0.23 h	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	52.77	14.02	NA	38.75	NA	NA
MW-2	**09/19/2008**	**<50**	**<50 i**	**<250 i**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**<1.0**	**<2.0**	**<2.0**	**<2.0**	**<10**	**52.77**	**15.78**	**NA**	**36.99**	**NA**	**NA**
MW-3	12/17/1998	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	10	11	NA	NA	NA	NA	51.30	11.85	NA	39.45	NA	NA
MW-3	03/09/1999	<50.0	NA	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	51.30	6.53	NA	44.77	NA	NA
MW-3	06/16/1999	<50.0	NA	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	51.30	12.71	NA	38.59	NA	NA
MW-3	09/30/1999	<50.0	NA	NA	<0.500	<0.500	<0.500	<0.500	5.14	NA	NA	NA	NA	NA	51.30	14.07	NA	37.23	NA	NA
MW-3	12/23/1999	<500	NA	NA	<5.00	<5.00	<5.00	<5.00	<25.0	NA	NA	NA	NA	NA	51.30	12.82	NA	38.48	NA	NA
MW-3	03/22/2000	<50.0	NA	NA	<0.500	1.48	<0.500	1.90	<5.00	NA	NA	NA	NA	NA	51.30	6.81	NA	44.49	NA	NA
MW-3	06/01/2000	<50.0	NA	NA	<0.500	0.821	<0.500	<0.500	4.39	NA	NA	NA	NA	NA	51.30	11.85	NA	39.45	NA	NA
MW-3	09/08/2000	<50.0	NA	NA	<0.500	<0.500	<0.500	<0.500	3.62	NA	NA	NA	NA	NA	51.30	12.55	NA	38.75	NA	NA
MW-3	12/04/2000	<50.0	NA	NA	<0.500	<0.500	<0.500	0.588	4.74	NA	NA	NA	NA	NA	51.30	11.65	NA	39.65	NA	NA
MW-3	03/09/2001	<50.0	NA	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	51.30	7.28	NA	44.02	NA	NA
MW-3	06/27/2001	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	51.30	13.16	NA	38.14	NA	NA
MW-3	09/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.30	13.35	NA	37.95	NA	NA
MW-3	12/05/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.30	8.14	NA	43.16	NA	1.2
MW-3	02/26/2002	<50	NA	NA	<0.50	7.2	<0.50	<0.50	NA	1.5	NA	NA	NA	NA	51.30	9.09	NA	42.21	NA	0.6
MW-3	06/06/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.30	12.13	NA	39.17	NA	0.8
MW-3	09/09/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.35	13.54	NA	37.81	NA	1.0
MW-3	12/19/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.35	6.75	NA	44.60	NA	0.6
MW-3	03/28/2003	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	51.35	11.28	NA	40.07	NA	0.7
MW-3	06/30/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.35	12.68	NA	38.67	NA	NA
MW-3	09/25/2003	<50	NA	NA	<0.50	2.0	0.73	<1.0	NA	<0.50	NA	NA	NA	NA	51.35	13.22	NA	38.13	NA	NA
MW-3	12/02/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.35	12.48	NA	38.87	NA	NA
MW-3	03/18/2004	<50	NA	NA	<0.50	13	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	51.35	8.52	NA	42.83	NA	NA
MW-3	06/17/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.35	12.80	NA	38.55	NA	NA
MW-3	09/02/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.35	13.75	NA	37.60	NA	NA
MW-3	12/14/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.35	9.37	NA	41.98	NA	NA
MW-3	02/28/2005	<50	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	51.35	6.62	NA	44.73	NA	NA
MW-3	06/21/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.35	11.26	NA	40.09	NA	NA
MW-3	08/29/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.35	13.00	NA	38.35	NA	NA
MW-3	12/05/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.35	11.05	NA	40.30	NA	NA
MW-3	03/31/2006	<50.0	NA	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	51.35	5.93	NA	45.42	NA	NA

WELL CONCENTRATIONS
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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	TPH Motor Oil (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (mg/L)
MW-3	06/14/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.35	11.40	NA	39.95	NA	NA
MW-3	09/20/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.35	12.98	NA	38.37	NA	NA
MW-3	12/20/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.35	8.62	NA	42.73	NA	NA
MW-3	03/01/2007	<50	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	51.35	6.63	NA	44.72	NA	NA
MW-3	05/11/2007	<50 f	NA	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	51.35	12.35	NA	39.00	NA	NA
MW-3	**09/19/2008**	**<50**	**260 g,i**	**600 i**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**<1.0**	**<2.0**	**<2.0**	**<2.0**	**<10**	**51.35**	**14.02**	**NA**	**37.33**	**NA**	**NA**
MW-4	12/17/1998	700	NA	NA	4.3	0.88	<0.50	<0.50	21,000	26,000	NA	NA	NA	NA	50.73	10.80	NA	39.93	NA	NA
MW-4	03/09/1999	83.9	NA	NA	<0.500	<0.500	<0.500	<0.500	17,900	23,700	NA	NA	NA	NA	50.73	6.91	NA	43.82	NA	NA
MW-4	06/16/1999	<50.0	NA	NA	<0.500	<0.500	<0.500	<0.500	10,600	19,200	NA	NA	NA	NA	50.73	12.84	NA	37.89	NA	NA
MW-4	09/30/1999	51.2	NA	NA	<0.500	<0.500	<0.500	<0.500	12,200	12,300	NA	NA	NA	NA	50.73	13.74	NA	36.99	NA	NA
MW-4	12/23/1999	<100	NA	NA	<1.00	<1.00	<1.00	<1.00	7,990	8,400	NA	NA	NA	NA	50.73	12.40	NA	38.33	NA	NA
MW-4	03/22/2000	<500	NA	NA	<5.00	<5.00	<5.00	<5.00	4,970	5,020	NA	NA	NA	NA	50.73	7.32	NA	43.41	NA	NA
MW-4	06/01/2000	<100	NA	NA	<1.00	<1.00	<1.00	<1.00	5,260	3,580	NA	NA	NA	NA	50.73	11.50	NA	39.23	NA	NA
MW-4	09/08/2000	<50.0	NA	NA	<0.500	<0.500	<0.500	<0.500	3,610	3,300a	NA	NA	NA	NA	50.73	12.55	NA	38.18	NA	NA
MW-4	12/04/2000	<50.0	NA	NA	<0.500	<0.500	<0.500	<0.500	2,960	3,520a	NA	NA	NA	NA	50.73	11.77	NA	38.96	NA	NA
MW-4	03/09/2001	<50.0	NA	NA	<0.500	<0.500	<0.500	<0.500	1,930	2,500	NA	NA	NA	NA	50.73	7.48	NA	43.25	NA	NA
MW-4	06/27/2001	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	1,100	1,100	NA	NA	NA	NA	50.73	12.97	NA	37.76	NA	NA
MW-4	09/20/2001	<250	NA	NA	3.8	14	2.6	7.8	NA	940	NA	NA	NA	NA	50.73	13.30	NA	37.43	NA	NA
MW-4	12/05/2001	<200	NA	NA	<2.0	<2.0	<2.0	<2.0	NA	750	NA	NA	NA	NA	50.73	8.41	NA	42.32	NA	1.2
MW-4	02/26/2002	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	NA	320	NA	NA	NA	NA	50.73	9.40	NA	41.33	NA	0.7
MW-4	06/06/2002	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	NA	160	NA	NA	NA	NA	50.73	11.97	NA	38.76	NA	0.6
MW-4	09/09/2002	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	NA	50	NA	NA	NA	NA	50.72	13.23	NA	37.49	NA	3.6
MW-4	12/19/2002	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50.72	7.08	NA	43.64	NA	0.8
MW-4	12/26/2002	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	NA	47	NA	NA	NA	NA	50.72	7.23	NA	43.49	NA	1.8
MW-4	03/28/2003	<50	NA	NA	<0.50	1.2	<0.50	<0.50	NA	17	NA	NA	NA	NA	50.72	11.30	NA	39.42	NA	1.7
MW-4	06/30/2003	54 c	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	16	NA	NA	NA	NA	50.72	12.51	NA	38.21	NA	NA
MW-4	09/25/2003	<50	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	110	NA	NA	NA	NA	50.72	13.10	NA	37.62	NA	NA
MW-4	12/02/2003	<250	NA	NA	<2.5	<2.5	<2.5	<5.0	NA	280	NA	NA	NA	NA	50.72	12.39	NA	38.33	NA	NA
MW-4	03/18/2004	<50	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	33	NA	NA	NA	NA	50.72	8.63	NA	42.09	NA	NA
MW-4	06/17/2004	<50	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	16	NA	NA	NA	NA	50.72	12.77	NA	37.95	NA	NA
MW-4	09/02/2004	<50	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	7.7	<2.0	<2.0	<2.0	<5.0	50.72	13.54	NA	37.18	NA	NA
MW-4	12/14/2004	<50	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	7.2	NA	NA	NA	NA	50.72	9.40	NA	41.32	NA	NA
MW-4	02/28/2005	<50	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	3.7	NA	NA	NA	NA	50.72	7.18	NA	43.54	NA	NA
MW-4	06/21/2005	<50	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	7.3	NA	NA	NA	NA	50.72	11.30	NA	39.42	NA	NA

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Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	TPH Motor Oil (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (mg/L)
MW-4	08/29/2005	<50	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	5.6	<2.0	<2.0	<2.0	<5.0	50.72	12.95	NA	37.77	NA	NA
MW-4	12/05/2005	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	NA	2.5	NA	NA	NA	NA	50.72	11.01	NA	39.71	NA	NA
MW-4	03/31/2006	<50.0	NA	NA	<0.500	<0.500	<0.500	<0.500	NA	1.32	NA	NA	NA	NA	50.72	6.47	NA	44.25	NA	NA
MW-4	06/14/2006	<50.0	NA	NA	<0.500	<0.500	<0.500	<0.500	NA	2.13	NA	NA	NA	NA	50.72	11.31	NA	39.41	NA	NA
MW-4	09/20/2006	<50.0	NA	NA	<0.500	<0.500	<0.500	<0.500	NA	4.73	<0.500	<0.500	<0.500	<10.0	50.72	12.92	NA	37.80	NA	NA
MW-4	12/20/2006	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	NA	2.3 e	NA	NA	NA	NA	50.72	9.68	NA	41.04	NA	NA
MW-4	03/01/2007	<50	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	1.7	NA	NA	NA	NA	50.72	7.24	NA	43.48	NA	NA
MW-4	05/11/2007	<50 f	NA	NA	<0.50	<1.0	<1.0	<1.0	NA	2.3	<2.0	<2.0	<2.0	<10	50.72	12.05	NA	38.67	NA	NA
MW-4	**09/19/2008**	**<50**	**72 i**	**<250 i**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**2.4**	**<2.0**	**<2.0**	**<2.0**	**<10**	**50.72**	**14.30**	**NA**	**36.42**	**NA**	**NA**
MW-5	12/17/1998	750	NA	NA	<0.50	17	1.8	3.5	33	32	NA	NA	NA	NA	51.43	11.51	NA	39.92	NA	NA
MW-5	03/09/1999	<50.0	NA	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	51.43	7.15	NA	44.28	NA	NA
MW-5	06/16/1999	646	NA	NA	9.26	1.05	<1.00	<1.00	<10.0	NA	NA	NA	NA	NA	51.43	13.47	NA	37.96	NA	NA
MW-5	09/30/1999	484	NA	NA	1.93	0.511	<0.500	<0.500	159	NA	NA	NA	NA	NA	51.43	14.41	NA	37.02	NA	NA
MW-5	12/23/1999	944	NA	NA	4.59	17.7	3.79	16.7	214	NA	NA	NA	NA	NA	51.43	14.07	NA	37.36	NA	NA
MW-5	03/22/2000	8,770	NA	NA	197	96.5	<50.0	188	2,450	NA	NA	NA	NA	NA	51.43	7.31	NA	44.12	NA	NA
MW-5	06/01/2000	227	NA	NA	0.565	<0.500	<0.500	<0.500	35.9	NA	NA	NA	NA	NA	51.43	12.15	NA	39.28	NA	NA
MW-5	09/08/2000	159	NA	NA	0.606	<0.500	<0.500	1.74	1,000	NA	NA	NA	NA	NA	51.43	13.30	NA	38.13	NA	NA
MW-5	12/04/2000	1,510	NA	NA	19.2	<10.0	<10.0	134	1,360	NA	NA	NA	NA	NA	51.43	12.19	NA	39.24	NA	NA
MW-5	03/09/2001	3,460	NA	NA	37.9	121	40.6	208	235	NA	NA	NA	NA	NA	51.43	7.79	NA	43.64	NA	NA
MW-5	06/27/2001	310	NA	NA	0.97	<0.50	<0.50	<0.50	14	NA	NA	NA	NA	NA	51.43	13.89	NA	37.54	NA	NA
MW-5	09/20/2001	310	NA	NA	<0.50	<0.50	<0.50	<0.50	NA	21	NA	NA	NA	NA	51.43	13.95	NA	37.48	NA	NA
MW-5	12/05/2001	8,800	NA	NA	14	2.9	33	410	NA	2,300	NA	NA	NA	NA	51.43	8.89	NA	42.54	NA	0.6
MW-5	02/26/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.43	9.87	NA	NA	b	NA
MW-5	03/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.43	8.84	8.64	42.75	0.20	NA
MW-5	06/06/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.43	12.59	12.54	38.88	0.05	NA
MW-5	09/09/2002	210	NA	NA	<0.50	<0.50	<0.50	0.90	NA	200	NA	NA	NA	NA	51.44	13.94	NA	37.50	NA	NA
MW-5	12/19/2002	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.44	7.35	NA	44.09	NA	NA
MW-5	12/26/2002	1,400	NA	NA	<0.50	21	6.9	60	NA	180	NA	NA	NA	NA	51.44	7.13	NA	44.31	NA	NA
MW-5	03/28/2003	240	NA	NA	<0.50	<0.50	<0.50	2.1	NA	130	NA	NA	NA	NA	51.44	11.73	NA	39.71	NA	NA
MW-5	06/30/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.44	13.34	13.30	38.13	0.04	NA
MW-5	09/25/2003	12,000	NA	NA	<5.0	<5.0	24	210	NA	220	NA	NA	NA	NA	51.44	13.60	NA	37.84	NA	NA
MW-5	12/02/2003	2,500	NA	NA	<5.0	14	<5.0	11	NA	25	NA	NA	NA	NA	51.44	12.92	NA	38.52	NA	NA
MW-5	03/18/2004	2,100	NA	NA	2.9	2.8	<1.0	780	NA	4.7	NA	NA	NA	NA	51.44	9.05	NA	42.39	NA	NA
MW-5	06/17/2004	68	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	0.89	NA	NA	NA	NA	51.44	13.45	NA	37.99	NA	NA

WELL CONCENTRATIONS
Former Shell Service Station
8930 Bancroft Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	TPH Motor Oil (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (mg/L)
MW-5	09/02/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.44	14.25	14.18	37.25	0.07	NA
MW-5	12/14/2004	80,000	NA	NA	<50	3,100	2,200	17,000	NA	<50	NA	NA	NA	NA	51.44	9.82	NA	41.62	NA	NA
MW-5	02/28/2005	12,000	NA	NA	<10	<10	<10	570	NA	<10	NA	NA	NA	NA	51.44	7.40	NA	44.04	NA	NA
MW-5	06/21/2005	5,200	NA	NA	<2.5	<2.5	9.5	37	NA	<2.5	NA	NA	NA	NA	51.44	11.74	NA	39.70	NA	NA
MW-5	08/29/2005	330	NA	NA	<0.50	<0.50	0.71	1.2	NA	<0.50	<2.0	<2.0	<2.0	<5.0	51.44	13.58	NA	37.86	NA	NA
MW-5	12/05/2005	71	NA	NA	<0.50	1.4	0.53	6.2	NA	<0.50	NA	NA	NA	NA	51.44	11.53	NA	39.91	NA	NA
MW-5	03/31/2006	<50.0	NA	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	51.44	6.74	NA	44.70	NA	NA
MW-5	06/14/2006	<50.0	NA	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	51.44	11.88	NA	39.56	NA	NA
MW-5	09/20/2006	<50.0	NA	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	51.44	13.66	NA	37.78	NA	NA
MW-5	12/20/2006	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	NA	<2.0	NA	NA	NA	NA	51.44	10.27	NA	41.17	NA	NA
MW-5	03/01/2007	<50	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	51.44	8.31	NA	43.13	NA	NA
MW-5	05/11/2007	1,100 f,g	NA	NA	0.54	0.59 h	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	51.44	12.75	NA	38.69	NA	NA
MW-5	**09/19/2008**	**<50**	**77 i**	**<250 i**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**<1.0**	**<2.0**	**<2.0**	**<2.0**	**<10**	**51.44**	**14.51**	**NA**	**36.93**	**NA**	**NA**
MW-6	12/17/1998	940	NA	NA	27	0.32	2.4	2.3	3.0	3.2	NA	NA	NA	NA	51.88	11.37	NA	40.51	NA	NA
MW-6	03/09/1999	336	NA	NA	7.78	1.60	2.40	6.36	<10.0	NA	NA	NA	NA	NA	51.88	8.10	NA	43.78	NA	NA
MW-6	06/16/1999	308	NA	NA	2.45	<0.500	<0.500	<0.500	7.39	NA	NA	NA	NA	NA	51.88	14.49	NA	37.39	NA	NA
MW-6	09/30/1999	80.2	NA	NA	<0.500	<0.500	<0.500	<0.500	24.8	NA	NA	NA	NA	NA	51.88	15.30	NA	36.58	NA	NA
MW-6	12/23/1999	149	NA	NA	0.518	<0.500	<0.500	<0.500	6.43	NA	NA	NA	NA	NA	51.88	13.19	NA	38.69	NA	NA
MW-6	03/22/2000	382	NA	NA	3.31	2.18	0.619	2.35	5.61	NA	NA	NA	NA	NA	51.88	8.27	NA	43.61	NA	NA
MW-6	06/01/2000	158	NA	NA	0.830	<0.500	<0.500	1.10	10.9	NA	NA	NA	NA	NA	51.88	11.13	NA	40.75	NA	NA
MW-6	09/08/2000	<50.0	NA	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	51.88	14.28	NA	37.60	NA	NA
MW-6	12/04/2000	231	NA	NA	4.93	<0.500	<0.500	<0.500	4.57	NA	NA	NA	NA	NA	51.88	12.62	NA	39.26	NA	NA
MW-6	03/09/2001	789	NA	NA	11.6	2.72	<2.00	<2.00	28.0	NA	NA	NA	NA	NA	51.88	8.65	NA	43.23	NA	NA
MW-6	06/27/2001	140	NA	NA	<0.50	1.1	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	51.88	14.95	NA	36.93	NA	NA
MW-6	09/20/2001	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	51.88	14.70	NA	37.18	NA	NA
MW-6	12/05/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.88	9.62	NA	42.26	NA	1.8
MW-6	02/26/2002	130	NA	NA	<0.50	2.6	0.69	4.1	NA	6.4	NA	NA	NA	NA	51.88	10.14	NA	41.74	NA	NA
MW-6	06/06/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.88	13.52	NA	38.36	NA	NA
MW-6	09/09/2002	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	51.86	14.92	NA	36.94	NA	NA
MW-6	12/19/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.86	8.22	NA	43.64	NA	NA
MW-6	03/28/2003	740	NA	NA	<0.50	<0.50	<0.50	<0.50	NA	14	NA	NA	NA	NA	51.86	12.57	NA	39.29	NA	NA
MW-6	06/30/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.86	14.14	NA	37.72	NA	NA
MW-6	09/25/2003	<250	NA	NA	<2.5	160	<2.5	<5.0	NA	5.3	NA	NA	NA	NA	51.86	14.30	NA	37.56	NA	NA
MW-6	12/02/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.86	13.72	NA	38.14	NA	NA

WELL CONCENTRATIONS
Former Shell Service Station
8930 Bancroft Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	TPH Motor Oil (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (mg/L)
MW-6	03/18/2004	1,200	NA	NA	<1.0	7.1	1.5	2.7	NA	16	NA	NA	NA	NA	51.86	9.72	NA	42.14	NA	NA
MW-6	06/17/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.86	14.48	NA	37.38	NA	NA
MW-6	09/02/2004	75	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	11	<2.0	<2.0	<2.0	<5.0	51.86	15.16	NA	36.70	NA	NA
MW-6	12/14/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.86	10.55	NA	41.31	NA	NA
MW-6	02/28/2005	500	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	4.6	NA	NA	NA	NA	51.86	8.40	NA	43.46	NA	NA
MW-6	06/21/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.86	12.58	NA	39.28	NA	NA
MW-6	08/29/2005	96	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	0.56	<2.0	<2.0	<2.0	<5.0	51.86	14.61	NA	37.25	NA	NA
MW-6	12/05/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.86	12.22	NA	39.64	NA	NA
MW-6	03/31/2006	308	NA	NA	<0.500	<0.500	<0.500	<0.500	NA	1.39	NA	NA	NA	NA	51.86	7.66	NA	44.20	NA	NA
MW-6	06/14/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.86	12.65	NA	39.21	NA	NA
MW-6	09/20/2006	241	NA	NA	<0.500	<0.500	<0.500	<0.500	NA	1.77	<0.500	<0.500	<0.500	<10.0	51.86	14.63	NA	37.23	NA	NA
MW-6	12/20/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.86	10.87	NA	40.99	NA	NA
MW-6	03/01/2007	<50	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	51.86	8.61	NA	43.25	NA	NA
MW-6	05/11/2007	140 f	NA	NA	<0.50	0.42 h	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	51.86	13.55	NA	38.31	NA	NA
MW-6	**09/19/2008**	**120**	**290 g,i**	**630 i**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**<1.0**	**<2.0**	**<2.0**	**<2.0**	**<10**	**51.86**	**15.39**	**NA**	**36.47**	**NA**	**NA**

WELL CONCENTRATIONS
Former Shell Service Station
8930 Bancroft Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	TPH Motor Oil (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (mg/L)

Abbreviations:
TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to September 20, 2001, analyzed by EPA Method 8015.
TEPH = Total petroleum hydrocarbons as diesel by modified EPA Method 8015.
BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to September 20, 2001, analyzed by EPA Method 8020.
TPH Motor Oil = Total petroleum hydrocarbons as motor oil by EPA Method 8015.
MTBE = Methyl tertiary butyl ether
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
TBA = Tertiary butyl alcohol, analyzed by EPA Method 8260B
TOC = Top of Casing Elevation
SPH = Separate-phase hydrocarbons
GW = Groundwater
ug/L = Parts per billion
MSL = Mean sea level
ft. = Feet
<n = Below detection limit
NA = Not applicable
DO = Dissolved oxygen
mg/L = Parts per million

Notes:
a = This sample analyzed outside of EPA recommended holding time.
b = SPH detected in well, but exact thickness could not be measured.
c = Hydrocarbon does not match pattern of laboratory's standard.
d = Top of casing altered +0.11 feet during wellhead maintenance on December 28, 2004.
e = Result confirmed by GC/MS.
f = Analyzed by EPA Method 8015B (M).
g = The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.
h = Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
i = The sample extract was subjected to Silica Gel treatment prior to analysis.
When separate-phase hydrocarbons are present, groundwater elevation is adjusted using the relation: Groundwater Elevation = Top-of-Casing Elevation - Depth to Water + (0.8 x Hydrocarbon Thickness).
Site surveyed February 12 and May 16, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

Table 3. Groundwater Analytical Data - Shell-branded Service Station - 8930 Bancroft Avenue, Oakland, California - Incident # 98995742

Sample ID	Depth (feet)	TPHg	MTBE (8260)	Benzene	Toluene	Ethylbenzene	Xylenes
		←		(Concentrations reported in micrograms per liter)			→
April 4, 2001 Samples:							
SB-A-H2O	15.0	<50	<0.50	<0.50	<0.50	<0.50	<0.50
SB-B-H2O	14.0	<50	450	<0.50	<0.50	<0.50	<0.50

Abbreviations and Notes:

TPHg = Total petroleum hydrocarbons as gasoline by EPA Method 8260B
MTBE = Methyl tert-butyl ether by EPA Method 8260B
Benzene, ethylbenzene, toluene, xylenes by EPA Method 8260B.
<x = Below detection limit of x micrograms per liter.

Table 2. Groundwater Analytical Data - Former Shell-branded Service Station, Incident #98995742, 8930 Bancroft Avenue, Oakland, California

Sample ID	Date Sampled	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	Lead
		←		(Concentrations reported in micrograms/kilogram)			→	
TW-1	7/8/99	7,100	2,000 (2,900)	8.9	8.2	25	17	7.8

Notes and Abbreviations:

TPHg = Total petroleum hydrocarbons as gasoline by modified EPA Method 8015
MTBE = Methyl ter-butyl ether by EPA method 8260
(n) = MTBE by EPA method 8260
BTEX = benzene, toluene, ethylbenzene, and xylenes by EPA Method 8020
<n = Below detection limit of n mg/kg

TABLE 2

GRAB GROUNDWATER ANALYTICAL DATA
FORMER SHELL-BRANDED SERVICE STATION
8930 BANCROFT AVENUE
OAKLAND, CALIFORNIA

Sample ID	*Depth (fbg)*	*Date Sampled*	*TPHg (µg/L)*	*TPHd (µg/L)*	*TPH as Motor Oil (µg/L)*	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethyl-benzene (µg/L)*	*Xylenes (µg/L)*	*MTBE (µg/L)*	*TBA (µg/L)*	*DIPE (µg/L)*	*ETBE (µg/L)*	*TAME (µg/L)*
SB-3	16'-17'	2/6/2009	<50	**320 a**	**1,300**	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0
SB-4	16'-17'	2/6/2009	**110,000**	**300,000 a**	<12,000	<12	<25	**84**	<25	<25	<250	<50	<50	<50
SB-5	15'-16'	2/6/2009	**63**	--	--	<0.50	<1.0	<1.0	**1.5**	**1.2**	<10	<2.0	<2.0	<2.0
V-1	15'-16'	2/6/2009	**16,000**	**7,800 a**	<250	**17**	<5.0	**230**	**22**	<5.0	<50	<10	<10	<10
V-2	16'-17'	2/6/2009	**2,500**	**2,700 a**	**2,100**	<0.50	<1.0	**15**	**4.9**	<1.0	<10	<2.0	<2.0	<2.0

Notes and Abbreviations:
Analytical results in micrograms per liter (µg/l).
TPHg = Total petroleum hydrocarbons as gasoline by modified EPA Method 8015.
TPHd = Total petroleum hydrocarbons as diesel by EPA 8015B
TPH as Motor Oil = Total petroleum hydrocarbons as Motor Oil by EPA 8015B (M)
Benzene, toluene, ethylbenzene, and xylenes by EPA Method 8260B
MTBE = Methyl tert-butyl ether by EPA Method 8260B
TBA = Tertiary butyl alcohol by EPA Method 8260B
DIPE = Diisopropyl Ether by EPA 8260B
ETBE = Ethyl tertiary butyl ether by EPA Method 8260B
TAME = Tertiary amyl methyl ether by EPA Method 8260B
-- = Not sampled due to insufficient recharge
a = The sample chromatogrpahic pattern for TPH does not matchthe chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon in the sample was based upon the specified standard.

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	TB-1
JOB/SITE NAME	Former Shell service station	**DRILLING STARTED**	05-Jun-08
LOCATION	8930 Bancroft Avenue, Oakland, California	**DRILLING COMPLETED**	05-Jun-08
PROJECT NUMBER	241408	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	3"	**SCREENED INTERVAL**	NA
LOGGED BY	C. Rodriquez	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	A. Friel, PG 6452	**DEPTH TO WATER (Static)**	NA ▽
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	SOIL DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
					ASPHAL		**ASPHALT**	0.6	
							SILT with Sand (ML) ; dark yellowish brown (10YR 4/4); dry; 5% clay, 70% silt, 20% fine sand, 5% fine gravel; low plasticity. @ 0.8' - **SILT (ML)** ; very dark brown (10YR 2/2); dry; 20% clay, 80% silt; low plasticity.		
				5					
					ML				Portland Type I/II
	6 8 8	TB-1-10.5'		10			@ 10' - **SILT with Sand (ML)** ; dark olive brown (2.5Y 3/3); firm; dry; 20% clay, 65% silt, 15% fine sand; low plasticity. @ 10.5' - **SILT (ML)** ; dark olive gray (5Y 3/2); firm; dry; 25% clay, 65% silt, 5% fine sand, 5% fine gravel; low plasticity. @ 12' - dark yellowish brown (10YR 4/4); firm; dry; 20% clay, 70% silt, 10% fine sand. @ 12.5' - olive (5Y 4/3).		
	6 9 13	TB-1-12.5'						13.0	Bottom of Boring @ 13 ft
				15					
				20					

WELL LOG (PID) I:\SONOMA.SHELL\OAKLAND 8930 BANCROFT\GINT\OA8930.GPJ DEFAULT.GDT 6/25/08

ATTACHMENT 6

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	BORING/WELL NAME	TB-2
JOB/SITE NAME	Former Shell service station	DRILLING STARTED	05-Jun-08
LOCATION	8930 Bancroft Avenue, Oakland, California	DRILLING COMPLETED	05-Jun-08
PROJECT NUMBER	241408	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	NA
DRILLING METHOD	Hydraulic push	TOP OF CASING ELEVATION	NA
BORING DIAMETER	3"	SCREENED INTERVAL	NA
LOGGED BY	C. Rodriquez	DEPTH TO WATER (First Encountered)	NA ▽
REVIEWED BY	A. Friel, PG 6452	DEPTH TO WATER (Static)	NA ▽
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	SOIL DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
					ASPHAL		**ASPHALT**	0.5	
							Gravelly SILT with Sand (ML); dark olive brown (2.5Y 3/3); dry; 20% clay, 35% silt, 15% fine sand, 30% fine gravel.		
				5			@ 3' - **Sandy SILT with Gravel (ML)**; dark olive brown (2.5Y 3/3); moist; 10% clay, 45% silt, 30% fine to coarse sand, 15% fine gravel; low plasticity.		
					FILL				
							@ 7' - **Sandy SILT (ML)**; dark greenish gray (10Y 4/1); moist; 20% clay, 45% silt, 25% fine to medium sand, 10% fine gravel; low plasticity.		Portland Type I/II
				10					
410	3 4 4	TB-2-10.5'					@ 10' - dark greenish gray (10GY 3/1); soft; moist; 10% clay, 55% silt, 30% fine to coarse sand, 5% fine gravel.		
	3 4 7						@ 11' - 5% clay, 55% silt, 40% fine to coarse sand.	12.0	
							@ 12' - **SILT (ML)**; dark greenish gray (10GY 3/1); soft; moist; 15% clay, 85% silt; low plasticity.		
	20 20				ML		@ 13' - **SILT with Sand (ML)**; dark greenish gray (10GY 3/1); hard; moist; 10% clay, 75% silt, 15% fine sand; low plasticity.		
115		TB-2-13.5'						14.0	
				15					Bottom of Boring @ 14 ft
				20					

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	TB-3
JOB/SITE NAME	Former Shell service station	**DRILLING STARTED**	05-Jun-08
LOCATION	8930 Bancroft Avenue, Oakland, California	**DRILLING COMPLETED**	05-Jun-08
PROJECT NUMBER	241408	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	3"	**SCREENED INTERVAL**	NA
LOGGED BY	C. Rodriquez	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	A. Friel, PG 6452	**DEPTH TO WATER (Static)**	NA
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	SOIL DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
					ASPHAL		**ASPHALT**	0.5	
							Sandy SILT with Gravel (ML); dark olive brown (2.5Y 3/3); dry; 10% clay, 65% silt, 25% fine sand, 20% fine to coarse gravel; low plasticity. @ 0.8' - **Gravelly SILT (ML)**; dark olive brown (2.5Y 3/3); dry; 10% clay, 60% silt, 10% fine sand, 20% fine to coarse gravel; low plasticity. @ 1.5' - brown (10YR 4/3).		
				5			@ 4' - **Sandy SILT with Gravel (ML)**; brown (10YR 4/3); moist; 15% clay, 45% silt, 30% fine to coarse sand, 10% fine gravel; low plasticity.		
					FILL				Portland Type I/II
4.3	3 4 4	TB-3-10.5'		10			@ 10' - **Sandy SILT (ML)**; dark greenish gray (10Y 4/1); soft; moist; 10% clay, 45% silt, 40% fine to coarse sand, 5% fine gravel; low plasticity.		
119.6	7 9 14				FILL		@ 11' - **SILT (ML)**; dark greenish gray (10Y 4/1); soft; dry; 20% clay, 70% silt, 10% fine gravel; low plasticity.	11.5	
23.6							**Silty SAND (SM)**; greenish black (10Y 2.5/1); medium dense; moist; 20% silt, 80% fine sand.	12.0	
	18 27				ML		@ 12' - **SILT (ML)**; dark grayish brown (2.5Y 4/2); hard; dry; 30% clay, 70% silt; medium plasticity.		
310		TB-3-13.5'		15			@ 13' - **Sandy SILT with Gravel (ML)**; dark grayish brown (2.5Y 4/2); hard; moist; 25% clay, 45% silt, 15% fine to coarse sand, 15% fine gravel; low plasticity.	14.0	Bottom of Boring @ 14 ft
				20					

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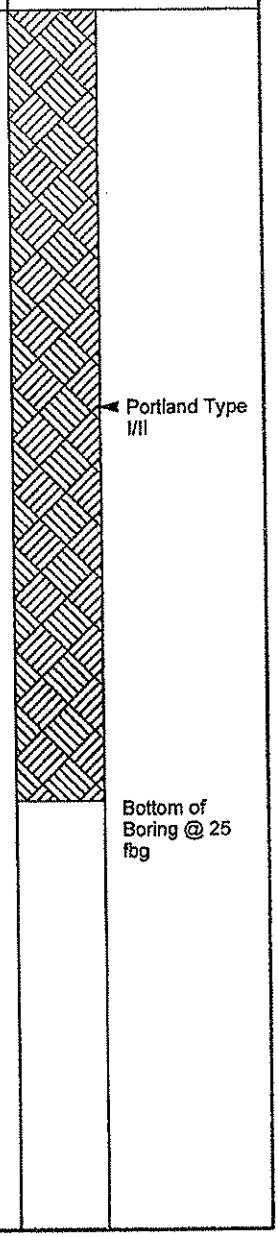
BORING/WELL LOG

CLIENT NAME	Shell Oil Products Company	BORING/WELL NAME	SB-1
JOB/SITE NAME	Former Shell-branded service station	DRILLING STARTED	13-Jul-06
LOCATION	8930 Bancroft, Oakland, CA	DRILLING COMPLETED	13-Jul-06
PROJECT NUMBER	248-1408-009	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Vironex	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Hydraulic push	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	2"	SCREENED INTERVALS	NA
LOGGED BY	B. DeBoer	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	D. Baertschi	DEPTH TO WATER (Static)	NA
REMARKS	Hand augered to 5 fbg.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)
0							TOPSOIL	0.8
					SP		Poorly graded SAND with gravel [SP]; 10YR 4/6, dark yellowish brown; dry; 5% silt, 80% fine sand, 15% fine gravel.	2.0
					SP-SM		Poorly graded SAND with silt and gravel [SP-SM]; 10YR 4/6, dark yellowish brown; dry; 10% silt, 70% fine sand, 20% fine gravel.	4.0
					GP		Poorly graded GRAVEL with sand [GP]; 10YR 4/6, dark yellowish brown; dry; 30% fine sand, 70% coarse gravel; metal debris including railroad spikes encountered.	5.0
0		No Recovery		5				
		No Recovery		10				
		No Recovery						
		No Recovery		15				
		No Recovery						
		No Recovery		20				
		No Recovery						
				25				

* Hydropunch sampling was attempted in 3-foot intervals from 7 to 25 fbg. Each 3-foot interval was allowed to stay open for approximately 15 minutes to allow for groundwater recharge. No groundwater was encoutered in any of the intervals attempted.

WELL DIAGRAM



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BORING/WELL LOG

CLIENT NAME	Shell Oil Products Company	BORING/WELL NAME	SB-2
JOB/SITE NAME	Former Shell-branded service station	DRILLING STARTED	13-Jul-06
LOCATION	8930 Bancroft, Oakland, CA	DRILLING COMPLETED	13-Jul-06
PROJECT NUMBER	248-1408-009	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Vironex	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Hydraulic push	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	3.25"	SCREENED INTERVALS	NA
LOGGED BY	B. DeBoer	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	D. Baertschi	DEPTH TO WATER (Static)	NA
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
0							CONCRETE	0.8	
					GM		Silty GRAVEL with sand [GM];10YR 3/3, dark brown; dry; 25% silt, 30% coarse sand, 45% fine gravel.	2.0	
					CL		CLAY [CL];10YR 3/2, very dark grayish brown; dry; 60% clay, 30% silt, 10% medium sand; high plasticity.	4.0	
0				5			CLAY with sand and gravel [CL];10YR 3/2, very dark grayish brown; dry; 45% clay, 35% silt, 10% medium sand, 10% fine gravel; high plasticity.	6.0	
					ML		SILT with sand and gravel [ML];10YR 4/3, brown; 30% clay, 50% silt, 10% medium sand, 10% fine gravel; high plasticity.		
0				10					
		No Recovery						14.0	
0				15			Sandy SILT [ML];10YR 4/3, brown; dry; 20% clay, 50% silt, 20% coarse sand, 10% fine gravel; medium plasticity.		◄ Portland Type I/II
								19.0	
					SM		Silty SAND with gravel [SM];10YR 4/6, dark yellowish brown; moist; 20% silt, 50% coarse sand, 30% fine gravel.	20.0	
0				20			SILT with sand [ML];10YR 4/6, dark yellowish brown; dry; 25% clay, 60% silt, 15% fine sand; high plasticity.	22.0	
					ML		SILT with sand [ML];10YR 4/6, dark yellowish brown; dry; 15% clay, 60% silt, 15% coarse sand, 10% fine gravel; high plasticity.	24.0	
					SM		Silty SAND [SM];10YR 4/3, brown; dry; 45% silt, 55% medium sand; low plasticity.	25.0	
0				25			SILT with sand [ML];10YR 4/6, dark yellowish brown; dry; 25% clay, 60% silt, 15% fine sand; high plasticity.		
					ML				
				30				30.0	Bottom of Boring @ 30 fbg
0									

* After a failed attempt to collect groundwater through a hydropunch sampler from 14 to 18 fbg, the boring was continuously cored in an effort to locate groundater depth. Boring was terminated at 30 without encountering groundwater.

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	SB-3
JOB/SITE NAME	Former Shell Service Station	**DRILLING STARTED**	04-Feb-09
LOCATION	8930 Bancroft Avenue, Oakland, California	**DRILLING COMPLETED**	06-Feb-09
PROJECT NUMBER	241408-2009	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2"	**SCREENED INTERVAL**	NA
LOGGED BY	C. Rodriquez	**DEPTH TO WATER (First Encountered)**	16.0 ft (06-Feb-09) ▽
REVIEWED BY	A. Friel, PG 6452	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	North corner of former UST pit.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	SOIL DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
					ASPHAL		**ASPHALT**	0.5	
0.2		SB-3-2					**SILT with Sand (ML)**; very dark grayish brown (2.5Y 3/2); dry; 10% clay, 70% silt, 15% medium sand, 5% fine gravel; low plasticity. @1' - dry; 10% clay, 75% silt, 15% fine to medium sand; low plasticity.		
0.4		SB-3-5		5			@5' - dry; 20% clay, 80% silt; low plasticity.		
					ML				
							@9' - dark yellowish brown (10YR 4/4).		Portland Type I/II
0.0		SB-3-10		10					
		SB-3-12						13.0	
					GC		**Clayey GRAVEL with Sand and Silt (GC)**; dry; 20% clay, 20% silt, 20% fine to coarse sand, 40% fine gravel.		
		SB-3-15		15			▽	16.0	
		SB-3-16-17 W					**Clayey SILT (ML)**; moist to wet; 30% clay, 70% silt; medium plasticity. @17' - **Sandy SILT with Gravel (ML)**; moist; 10% clay, 45% silt, 25% fine to coarse sand, 20% fine gravel; low plasticity. @18' - yellowish brown (10YR 5/6). @19' - dry; 90% silt, 10% medium to fine sand; low plasticity.		
					ML			20.0	
				20					Bottom of Boring @ 20 ft
				25					
				30					
				35					

WELL LOG (PID) I:\SONOMA.SHELL\16-CHARS\2414--\241408-OAKLAND 8930 BANCROFT\241408-GINT LOGS\241408-8930 BANCROFT.GPJ DEFAULT.GDT 3/24/09

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	SB-4
JOB/SITE NAME	Former Shell Service Station	**DRILLING STARTED**	04-Feb-09
LOCATION	8930 Bancroft Avenue, Oakland, California	**DRILLING COMPLETED**	06-Feb-09
PROJECT NUMBER	241408-2009	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2"	**SCREENED INTERVAL**	NA
LOGGED BY	C. Rodriquez	**DEPTH TO WATER (First Encountered)**	16.0 ft (06-Feb-09) ▽
REVIEWED BY	A. Friel, PG 6452	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	South of former UST pit.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	SOIL DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
					ASPHALT		**ASPHALT**	0.3	
0.0		SB-4-2					**Sandy SILT (ML)**; dark olive brown (2.5Y 3/3); dry; 10% clay, 50% silt, 30% fine to coarse sand, 10% fine gravel; low plasticity.		
							@.5' - **SILT with Sand (ML)**; dry; 20% clay, 65% silt, 15% sand; low plasticity.		
							@2' - **SILT with trace of fine gravel (ML)**; dry; 15% clay, 85% silt; low plasticity.		
0.8		SB-4-5		5			@5' - brown (10YR 4/3); dry; 15% clay, 80% silt, 5% fine gravel; low plasticity.		
					ML				
							@9' - dark yellowish brown (10YR 4/4); dry; 20% clay, 80% silt, medium plasticity.		Portland Type I/II
0.1		SB-4-10		10					
0.5							@11' - olive brown (2.5Y 4/3).		
0.2		SB-4-12					@12' - stiff clayey SILT; dark greenish gray (10Y 4/1).	13.0	
					GC		**Clayey GRAVEL with Sand (GC)**; moist; 20% clay, 10% silt, 30% fine to coase sand, 40% fine to coase gravel.		
87.5		SB-4-15 SB-4-16-17 W		15			▽	16.0	
					ML		**Sandy SILT with Gravel (ML)**; wet; 10% clay, 45% silt, 25% sand, 20% fine gravel; low plasticity.		
							@19' - yellowish brown (10YR 5/6).	20.0	
10.7				20					Bottom of Boring @ 20 ft
				25					
				30					
				35					

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	SB-5
JOB/SITE NAME	Former Shell Service Station	**DRILLING STARTED**	04-Feb-09
LOCATION	8930 Bancroft Avenue, Oakland, California	**DRILLING COMPLETED**	06-Feb-09
PROJECT NUMBER	241408-2009	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2"	**SCREENED INTERVAL**	NA
LOGGED BY	C. Rodriquez	**DEPTH TO WATER (First Encountered)**	16.0 ft (06-Feb-09) ▽
REVIEWED BY	A. Friel, PG 6452	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	East NE of former UST pit.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	SOIL DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
					ASPHAL		**ASPHALT**	0.3	
4.6		SB-5-2					**SILT with Sand (ML)**; very dark grayish brown (2.5Y 3/2); dry; 10% clay, 55% silt, 15% medium sand, 20% gravel (some large cobbles, 4 in. long, subangular); low plasticity. @1' - brown (7.5YR 4/4); dry; 10% clay, 70% silt, 15% medium sand, 5% fine gravel; low plasticity.		
0.1		SB-5-5		5			@5' - dry, 10% clay, 65% silt, 20% fine to coarse sand, 5% fine gravel; low plasticity.		
					ML				
		SB-5-10		10			@9' - dry; 10% clay, 65% silt, 15% fine to coarse sand: low plasticity. @11' - dark greenish gray (5GY 3/1).		Portland Type I/II
0.1		SB-5-12					@12' - **SILT (ML)**; brown (7.5YR 4/4); moist; 100% silt. @12.5' - **SILT with Gravel (ML)**; olive gray (5Y 4/2); moist to wet; 25% clay, 60% silt, 15% fine gravel; low plasticity. @13' - black staining.	14.0	
0.0		SB-5-15-16 W SB-5-16		15	GC		**Clayey GRAVEL with Sand (GC)**; moist; 20% clay, 20% silt, 20% fine to coarse sand, 40% fine gravel. ▽	16.5	
					SP-SM		**SAND with Silt and Gravel (SP-SM)**; brown (10YR 4/3); dry to moist; 10% silt, 90% medium sand. @17.5' - dry to moist; 20% clay, 20% silt, 40% fine to coarse sand, 30% fine to coarse gravel. @18' - olive brown (2.5Y 4/3); dry to moist; 70% silt, 30% fine to medium sand; low plasticity. @19' - dark yellowish brown (10YR 4/6); dry to moist; 10% clay, 20% silt, 30% fine to coarse sand, 40% fine gravel.	20.0	Bottom of Boring @ 20 ft
				20					
				25					
				30					
				35					

WELL LOG (PID) I:\SONOMA\SHELL\6-CHARS\2414-\241408-OAKLAND 8930 BANCROFT\241408-GINT LOGS\241408-8930 BANCROFT.GPJ DEFAULT.GDT 3/24/09

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	V-1
JOB/SITE NAME	Former Shell Service Station	**DRILLING STARTED**	05-Feb-09
LOCATION	8930 Bancroft Avenue, Oakland, California	**DRILLING COMPLETED**	06-Feb-09
PROJECT NUMBER	241408-2009	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2"	**SCREENED INTERVAL**	NA
LOGGED BY	C. Rodriquez	**DEPTH TO WATER (First Encountered)**	15.0 ft (06-Feb-09) ▽
REVIEWED BY	A. Friel, PG 6452	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	In former UST pit.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	SOIL DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
					ASPHAL		**ASPHALT**	0.4	
0.5		V-1-2					**SILT (ML)**; brown (10YR 4/3); dry; 15% clay 75% silt, 10% gravel (with subangular gravel up to 3" long); low plasticity.		
0.2		V-1-5		5	FILL		@2' - dry; 20% clay, 65% silt, 15% gravel. @3' - **SILT with Sand and Gravel (ML)**; dry; 45% silt, 30% fine to coarse sand, 25% gravel (with gravel up to 3" dia, angular). @5' - **SILT (ML)**; dark brown (10YR 3/3); dry; 20% clay, 70% silt, 10% fine to coarse sand (concrete chunks throughout); low plasticity.		Portland Type I/II
				10			@ 10' - trace of gravel.	11.0	
69.5		V-1-11			ML		**SILT (ML)**; dark brown (10YR 3/3); moist; 25% clay, 75% silt; medium plasticity.		
							@12 - **SILT with Sand (ML)**; moist; 25% clay, 60% silt, 10% medium sand, 5% fine gravel; medium plasticity.	13.0	
		V-1-14.5			GC		**Clayey GRAVEL with Sand (GC)**; moist; 20% clay, 15% silt, 25% fine to coarse sand, 40% fine gravel. ▽		
238		V-1-15-16 W V-1-15.5		15			@15' - moist to wet.	16.0	Bottom of Boring @ 16 ft
				20					
				25					
				30					
				35					

WELL LOG (PID) H:\SONOMA\SHELL\16-CHARS\2414-1\241408-OAKLAND 8930 BANCROFT\241408-GINT LOGS\241408-8930 BANCROFT.GPJ DEFAULT.GDT 3/24/09

Conestoga-Rovers & Associates
19449 Riverside Drive, Suite 230
Sonoma, CA 95476
Telephone: 707-935-4850
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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	V-2
JOB/SITE NAME	Former Shell Service Station	**DRILLING STARTED**	04-Feb-09
LOCATION	8930 Bancroft Avenue, Oakland, California	**DRILLING COMPLETED**	06-Feb-09
PROJECT NUMBER	241408-2009	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	NA
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	NA
BORING DIAMETER	2"	**SCREENED INTERVAL**	NA
LOGGED BY	C. Rodriquez	**DEPTH TO WATER (First Encountered)**	16.0 ft (06-Feb-09) ▽
REVIEWED BY	A. Friel, PG 6452	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	West of former UST pit.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	SOIL DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
					ASPHAL		**ASPHALT**	0.5	
0.0		V-2-2					**SILT (ML)**; very dark grayish brown (2.5Y 3/2); dry; 20% clay, 70% silt, 10% medium sand; low plasticity. @1.5' - **SILT with Sand (ML)**; dark brown (10YR 3/3); dry; 10% clay, 70% silt, 25% fine to coarse sand; low plasticity. @3' - 10% clay, 75% silt, 15% fine to coarse sand.		
		V-2-5		5			@5' - **SILT (ML)**; dark yellowish brown (10YR 3/4); dry; 20% clay, 70% silt, 10% fine gravel: low plasticity.		
					ML				Portland Type I/II
0.0		V-2-10		10			@10' - dark olive gray (5Y 3/2).		
0.0		V-2-12					@13' - olive gray (5Y 4/2); dry to moist; 25% clay, 75% silt; medium plasticity.	14.0	
0.6		V-2-15		15	GC		**Clayey GRAVEL with Sand (GC)**; dry; 20% clay, 15% silt, 25% fine to coarse sand; 40% fine gravel.	16.0 ▽	
		V-2-16-17 W			ML		**SILT (ML)**; olive brown (2.5Y 4/3); moist; 40% clay, 60% silt; medium plasticity.	17.0	
					GC		**Clayey GRAVEL with Sand (GC)**; dark greenish gray (10Y 4/1); moist; 10% clay, 20% silt, 30% fine to coarse sand, 40% fine gravel; low plasticity.	18.0	
				20					Bottom of Boring @ 18 ft
				25					
				30					
				35					

WELL LOG (PID) I:\SONOMA.SHELL\6-CHARS\2414--\241408-OAKLAND 8930 BANCROFT\241408-GINT LOGS\241408-8930 BANCROFT.GPJ DEFAULT.GDT 3/24/09

Gallier - Ryan Inc — GENERAL CONTRACTORS

WELL BORING LOG

COMPANY: SHELL OIL CO.

JOB #: CR -5050

LOCATION: 90th & BANCROFT

DATE: 5.31.83

CITY: OAKLAND

WELL #: 1

DEPTH	SAMPLE NO.	SOIL DESCRIPTION
0 ft.		A.C. PAVING
2"		AGGREGATE
6"		DARK BROWN SILTY CLAY
2½'		BROWN SILTY CLAY
4'		GRAVEL W/CLAY
10'		LIGHT BROWN SILTY CLAY - DRY
14'		LIGHT BROWN SILTY CLAY - WET
16'		GRAVEL W/CLAY - WET

FOREMAN: DAVID BYRON

SHEET: 1 OF: 1

Miller - Ryan Inc. — GENERAL CONTRACTORS

WELL BORING LOG

COMPANY: Shell Oil Co.

JOB #: DR - 5050

LOCATION: 90th & Bancroft

DATE: 5.31.83

CITY: Oakland

WELL #: 2

DEPTH	SAMPLE NO.	SOIL DESCRIPTION
0 ft		
2"		A.C. Paving
6"		Aggregate
2'		Dark Brown Silty Clay
10'		Brown Clay w/Gravel
14'		Dark Gray Silty Clay w/Sand - Wet - Vapor
19'		Brown Silty Clay w/Gravel - Wet
		Light Brown Silty Clay - Wet

FOREMAN: David Byeon

SHEET: 1 OF: 1

Gettler - Ryan Inc. — Original Destination

WELL BORING LOG

COMPANY: SHELL OIL CO.

JOB #: GR-5050

LOCATION: 90TH & BANCROFT

DATE: 5.31.83

CITY: OAKLAND

WELL #: 3

DEPTH	SAMPLE NO.	SOIL DESCRIPTION
0 ft.		
2"		A.C. PAVING
6"		AGGREGATE
3'		DARK BROWN SILTY CLAY
5'		DARK BROWN CLAY W/SILT
8'		LIGHT BROWN CLAY W/SILT
10'		BROWN CLAY W/SILT
13'		LIGHT BROWN CLAY W/GRAVEL - DAMP
		LIGHT BROWN CLAY W/GRAVEL - WET

FOREMAN: DAVID BYRON

SHEET: 1 OF: 1

Geltar - Ryan Inc. — Geotechnical Consultants

WELL BORING LOG

COMPANY: SHELL Oil Co — JOB #: BR -5050

LOCATION: 90 th + BANCROFT — DATE: 5-31-83

CITY: OAKLAND — WELL #: 4

DEPTH	SAMPLE NO.	SOIL DESCRIPTION
0 ft.		
2"		A.C. PAVING
6"		AGGREGATE
2½'		DARK BROWN SILTY CLAY
11'		BROWN SANDY CLAY
13'		GRAVEL
		LIGHT BROWN SILTY CLAY - WET

FOREMAN: DAVID BYRON

SHEET: 1 OF: 1

Gettler - Ryan Inc. — Geological Consultants

WELL BORING LOG

COMPANY: Shell Oil Co.

LOCATION: 90th & Bancroft

CITY: Oakland

JOB #: 83 - 5050

DATE: 5-31-83

WELL #: 5

DEPTH	SAMPLE NO.	SOIL DESCRIPTION
0 ft.		
4"		A.C. Paving
8"		Aggregate
2'		Dark Brown Silty Clay
3'		Brown Sandy Clay
6'		Brown Sandy Clay w/Gravel
7'		Gravel w/Silt
10'		Brown Clay
17'		Brown Silty Clay w/Gravel wet

FOREMAN: David Byron

SHEET: 1 OF: 1

Geller - Ryan Inc. — GEOLOGICAL CONSULTANTS

WELL BORING LOG

COMPANY: Shell Oil Co.

LOCATION: 90th + Bancroft

CITY: Oakland

JOB #: GR - 5050

DATE: 5.31.83

WELL #: 6

DEPTH	SAMPLE NO.	SOIL DESCRIPTION
0 ft.		
3"		A.C. Paving
7"		Aggregate
3'		Dark Brown Silty Clay
5½'		Dark Brown Silty Clay w/Gravel
9'		Brown Clay
12'		Brown Silty Clay w/Gravel
14'		Brown Clay
		Brown Silty Clay w/Gravel - Wet - Vapor

FOREMAN: David Byron

SHEET: 1 OF: 1