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

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

June 12, 2007

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

Major Brand Gas, Inc.
C/o Gursharnjeet Cheema
1060 St. Raphael Drive
Bay Point, CA 94565

Subject: Fuel Leak Case No. RO0000428 and Geotracker Global ID T0600101255, Shell, 350 Grand Avenue, Oakland, CA 94610

Dear Mr. Brown and Mr. Cheema:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25299.37[h]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Environmental Health (ACEH) is required to use this case closure letter for all UST leak sites. We are also transmitting to you the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. The subject fuel leak case is closed.

SITE INVESTIGATION AND CLEANUP SUMMARY

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

- Residual total petroleum hydrocarbons as gasoline are present in soil near the southwestern corner of the property at concentrations up to 4,300 ppm.
- Residual total petroleum hydrocarbons as diesel are present in soil near the southwestern corner of the property at concentrations up to 360 ppm.
- Total petroleum hydrocarbons as gasoline remain in shallow groundwater at concentrations up to 27,500 ppb.
- Benzene remains in shallow groundwater at concentrations up to 140 ppb.
- Case closure for the fuel leak site is granted for commercial land use only. If a change in land use to residential or other conservative scenario occurs at this property, Alameda County Environmental Health must be notified and the case needs to be re-evaluated.

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

Sincerely,

Donna L. Drogos, P.E.
LOP and Toxics Program Manager

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

cc:

Ms. Cherie McCaulou (w/enc)
SF- Regional Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, CA 94612

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

Mr. Leroy Griffin (w/enc)
City of Oakland Fire Department
250 Frank Ogawa Plaza
Suite 3341
Oakland, CA 94612

Ms. Ana Friel
Conestoga-Rovers & Associates
19449 Riverside Drive, Suite 230
Sonoma, CA 95476

Jerry Wickham (w/orig enc), D. Drogos (w/enc), File (w/enc)

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Bay Point, CA 94565

REMEDIAL ACTION COMPLETION CERTIFICATE

Dear Mr. Brown and Mr. Cheema:

Subject: Fuel Leak Case No. RO0000428 and Geotracker Global ID T0600101255, Shell, 350 Grand Avenue, Oakland, CA 94610

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

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

This notice is issued pursuant to subdivision (h) of Section 25299.37 of the Health and Safety Code.

Please contact our office if you have any questions regarding this matter.

Sincerely,

Ariu Levi
Director
Alameda County Environmental Health

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

I. AGENCY INFORMATION

Date: June 1, 2007

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: Hazardous Materials Specialist

II. CASE INFORMATION

Site Facility Name: Shell #13-5698/Devi Oil Company		
Site Facility Address: 350 Grand Avenue, Oakland, CA 94610		
RB Case No.: 01-1360	Local Case No.: 3714	LOP Case No.: RO0000428
URF Filing Date: 4/25/1991	Geotracker ID: T0600101255	APN: 10-776-13

Responsible Parties	Addresses	Phone Numbers
Denis Brown, Shell Oil Products US	20945 S. Wilmington Avenue, Carson, CA 90810	707-865-0251
Major Brand Gas, Inc. c/o Gursharnjeet Cheema	2712 Cowell Road, Concord, CA 94518	

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
1	10,000 gallons	Gasoline	Removed	04/22/1996
2	10,000 gallons	Gasoline	Removed	04/22/1996
3	10,000 gallons	Gasoline	Removed	04/22/1996
4	10,000 gallons	Diesel	Removed	04/22/1996
Piping			Removed	04/22/1996

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Unknown. No holes observed when tanks were removed.		
Site characterization complete? Yes	Date Approved By Oversight Agency: -----	
Monitoring wells installed? Yes	Number: 5	Proper screened interval? Yes
Highest GW Depth Below Ground Surface: 3.67 feet bgs	Lowest Depth: 14.67 feet bgs	Flow Direction: South
Most Sensitive Current Use: Potential drinking water source.		

Summary of Production Wells in Vicinity: Two water-producing wells are located approximately 2,075 feet west of the site. A third water-producing well is approximately 2,540 feet west southwest of the site. All three well are cross-gradient and across Lake Merritt from the site. Therefore, the wells are not likely to be impacted by the site.	
Are drinking water wells affected? No	Aquifer Name: East Bay Plain
Is surface water affected? No	Nearest SW Name: Lake Merritt is approximately 900 feet south of 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	4 - 10,000 gallon tanks	The tanks were transported to Erickson, Inc. in Richmond, CA for disposal	04/22/1996
Piping	Not reported	The piping was transported to Erickson, Inc. in Richmond, CA for disposal	04/22/1996
Free Product	Not reported	--	--
Soil	1,600 tons	Transported to Forward Landfill in Manteca, CA for disposal	04/24/1996 to 05/09/1996
Groundwater	545,679 gallons	Recycled at Shell Refinery in Martinez, CA	06/21/2001 to 01/12/2004

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

(Please see Attachments 1 through 5 for additional information on contaminant locations and concentrations)

Contaminant	Soil (ppm)		Water (ppb)	
	Before	After	Before	After
TPH (Gas)	4,800	4,300	120,000	27,500(1)
TPH (Diesel)	2,800	360	36,000(2)	6,150(1,2)
Oil and Grease	NA	NA	NA	NA
Benzene	22	4.5	10,000	140(1)
Toluene	210	2.57	1,200	26(1)
Ethylbenzene	74	11	4,400	267(1)
Xylenes	490	12	4,900	20(1)
Lead	38	9.3	NA	NA
MTBE	2.52(3)	2.52(3)	30,200(4)	411(1,5)
Other (8240/8270)	NA	NA	NA	NA

(1) Maximum concentrations after cleanup are results from 3/9/2006 sampling of well S-2.
(2) Hydrocarbon reported is in the early range and does not match the pattern of laboratory standard for diesel.
(3) No analyses for other oxygenates, ethylene dibromide, or 1,2-dichloroethane.
(4) MTBE =30,200 ppb; TBA = 6,000 ppb; TAME, ETBE, and DIPE <80 ppb in groundwater; no analyses for ethylene dibromide or 1,2-dichloroethane.
(5) MTBE =411 ppb; TBA = 248 ppb; TAME, ETBE, and DIPE <2 ppb in groundwater; no analyses for ethylene dibromide or 1,2-dichloroethane.

Site History and Description of Corrective Actions:

The site is a temporarily out of service Shell-branded service station. Surrounding properties consist of commercial and residential properties. Five exploratory soil borings were advanced at the site on May 11, 1990. Fuel hydrocarbons were detected in the area of the gasoline underground storage tanks (USTs) in the southern portion of the property. Three monitoring wells (S-1 through S-3) were installed on January 7, 1991 to investigate impacts to groundwater. The highest concentrations of fuel hydrocarbons were detected in well S-2, which is downgradient from the USTs in the southwestern portion of the site. The maximum concentrations detected in soil at well S-2 were 440 milligrams per kilogram (mg/kg) of total petroleum hydrocarbons (TPH) as gasoline, 360 mg/kg of TPH as diesel, and 4.5 mg/kg of benzene.

Three soil borings were advanced at the site to collect grab groundwater samples on January 27, 1993. Fuel hydrocarbons were detected in soil and groundwater at location HP-1, which was cross gradient from the gasoline tanks. Fuel hydrocarbons were not detected in soil and groundwater in soil borings HP-2 and HP-3, which were advanced cross gradient and downgradient (along utility lines in Perkins Street) from the gasoline tanks.

Three 10,000-gallon gasoline tanks and one 10,000-gallon diesel tank were removed on April 22, 1996. Fuel hydrocarbons were detected in soil samples collected beneath the tanks, dispensers, and piping at concentrations up to 4,800 mg/kg of TPHg, 2,800 mg/kg of TPHd, and 22 mg/kg of benzene. Approximately 1,600 tons of soil and pea gravel were excavated and removed from the site between April 24 and May 9, 1996. Complete overexcavation of hydrocarbon-impacted soils in the area of the gasoline tank pit was not feasible due to the potential for undermining the sidewalk and roadway immediately adjacent to the tankpit.

A conduit study was conducted in 1998 to identify utilities that potentially may act as preferential pathways. Several utilities were identified for further investigation. Two ¾-inch diameter, pre-pack wells (S-4 and S-5) were installed near utilities in Grand Avenue, downgradient from the site. TPHg, BTEX, and MTBE were not detected in groundwater samples from the two wells.

Site History and Description of Corrective Actions (continued):

In March 1999, three soil borings were advanced to evaluate conditions directly downgradient from the gasoline USTs and further evaluate whether utility trenches may be acting as preferential pathways for groundwater contaminant transport. Two soil borings (HP-4 and HP-5) were advanced within the sanitary sewer conduit along the north sidewalk of Grand Avenue. Elevated concentrations of TPHg, TPHd, benzene, and MTBE were detected in soil and groundwater samples collected from boring HP-4, which was located directly downgradient from the former gasoline USTs. TPHg, benzene, and MTBE were not detected in soil samples from boring HP-5, which was located along the utility trench east of the gasoline USTs. TPHg, benzene, and MTBE were not detected in soil and groundwater samples collected from the third soil boring (HP-6), which was advanced along a sanitary sewer line in Perkins Street, west of the gasoline tanks. The March 1999 soil boring results indicated that elevated concentrations of fuel hydrocarbons in soil and groundwater were generally limited to the area of the gasoline USTs in the southwestern corner of the property.

An 8-hour Dual-Phase Vapor Extraction (DVE) pilot test was conducted in well S-2 in the southwestern portion of the property. Approximately 50 gallons of groundwater were removed from well S-2 during the DVE test. Estimated mass removal through groundwater extraction was estimated at 0.008, 0.0004, and 0.009 pounds for TPHg, benzene, and MTBE, respectively. Estimated mass removal for vapor extraction was estimated at 2.44, 0.002, and 0.005 pounds for TPHg, benzene, and MTBE, respectively. Results from the DVE test indicated that DVE was not effective due to the fine-grained, low permeability soils at the site.

Two wells were installed in the tank backfill on July 10, 2002. Mobile groundwater extraction was conducted from the two tank backfill wells from October 2002 to January 2004. The cumulative volume of groundwater extracted from the tank backfill wells was estimated at 54, 679 gallons.

In an attempt to reduce the elevated concentrations of fuel hydrocarbons in groundwater in the southwestern portion of the site, DVE was conducted in well S-2 from September 16 to 18, 2003. Approximately 35 gallons of groundwater were removed during approximately 50 hours of DVE. Mass removal through groundwater extraction was negligible. Soil vapor extraction was conducted in tank backfill well T-1 on September 18, 2003. Estimated mass removal through vapor extraction in tank backfill well T-1 was estimated at 0.152, 0.0009, and 0.0042 pounds for TPHg, benzene, and MTBE, respectively.

Four soil borings were advanced at the site on April 13, 2004 to assess the lateral extent of fuel hydrocarbons in the area downgradient from the current dispensers, USTs, and in the vicinity of utility lines. Results from the borings indicated that significantly elevated concentrations of fuel hydrocarbons in soil were generally limited to the area of well S-2 and boring HP-4. Results from borings installed near the utilities indicated that the water, electrical, and sanitary sewer lines did not appear to be acting as preferential pathways. Groundwater along the storm drain lines in Perkins Street was not investigated in 2004.

Five hand-augered borings and one cone penetrometer boring were advanced at the site on September 20 and 21, 2005 to assess the potential for vapor intrusion at the kiosk, the vertical extent of contamination, and the presence of fuel hydrocarbons along the storm drain in Perkins Street. Results from the soil borings indicated that the extent of soil contamination beneath the dispensers was limited in extent and the concentrations of fuel hydrocarbons in soil beneath the kiosk did not pose a potential risk for indoor air intrusion. Fuel hydrocarbons were detected at low concentrations in a grab groundwater sample collected 36 feet bgs and were not detected in a grab groundwater sample collected 58 feet bgs from boring CPT-1, indicating that the vertical extent of contamination is limited. Fuel hydrocarbons were not detected in a soil boring along the storm drain in Perkins Street.

Groundwater monitoring has been conducted at the site since 1991. The highest concentrations of constituents have consistently been detected in well S-2. The concentrations of TPHg, benzene, and MTBE have decreased over time but remain elevated in well S-2. Cone penetrometer data and boring logs from the area of well S-2 indicate that soils in this area consist largely of fine-grained, low permeability soils. Therefore, the elevated concentrations of fuel hydrocarbons consistently detected in groundwater samples from well S-2 may represent locally elevated concentrations in groundwater due to sorbed hydrocarbons in fine-grained soils.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? ---		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? —		
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 commercial land use only. If a change in land use to residential or other conservative scenario occurs at this property, Alameda County Environmental Health must be notified and the case needs to be re-evaluated. This site is to be entered into the City of Oakland Permit Tracking System due to the residual contamination posing a nuisance for subsurface utility work.		
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: 5
List Enforcement Actions Taken: None		
List Enforcement Actions Rescinded: --		

V. ADDITIONAL COMMENTS, DATA, ETC.

Considerations and/or Variances:

Residual TPH as gasoline remains in soil and groundwater at concentrations exceeding San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (Water Board 2005) in the area of well S-2 and boring HP-4. The lateral extent of the elevated concentrations of fuel hydrocarbons is limited to the southwestern corner of the property in the area of the USTs. Based on the limited lateral and vertical extent of contamination at the site, the residual hydrocarbons do not pose a risk to current commercial use of the site or to groundwater resources in the area.

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: Hazardous Materials Specialist
Signature:	Date: 09/28/06
Approved by: Donna L. Drogos, P.E.	Title: Supervising Hazardous Materials Specialist
Signature:	Date: 09/28/06

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: 11/30/06

VIII. MONITORING WELL DECOMMISSIONING

Date Requested by ACEH: 12/14/06	Date of Well Decommissioning Report: 05/29/07	
All Monitoring Wells Decommissioned: (Yes) No	Number Decommissioned: 5	Number Retained: 0
Reason Wells Retained: NA		
Additional requirements for submittal of groundwater data from retained wells: None		
ACEH Concurrence - Signature: Jerry Wickham		Date: 6/6/07

Attachments:

1. Site Vicinity/Area Well Map
2. Groundwater Contour/Chemical Concentration Map (March 9, 2006)
3. Historical Sample Location Figures
4. Soil Analytical Data
5. Groundwater Analytical Data
6. Boring Logs

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.

04/02/03

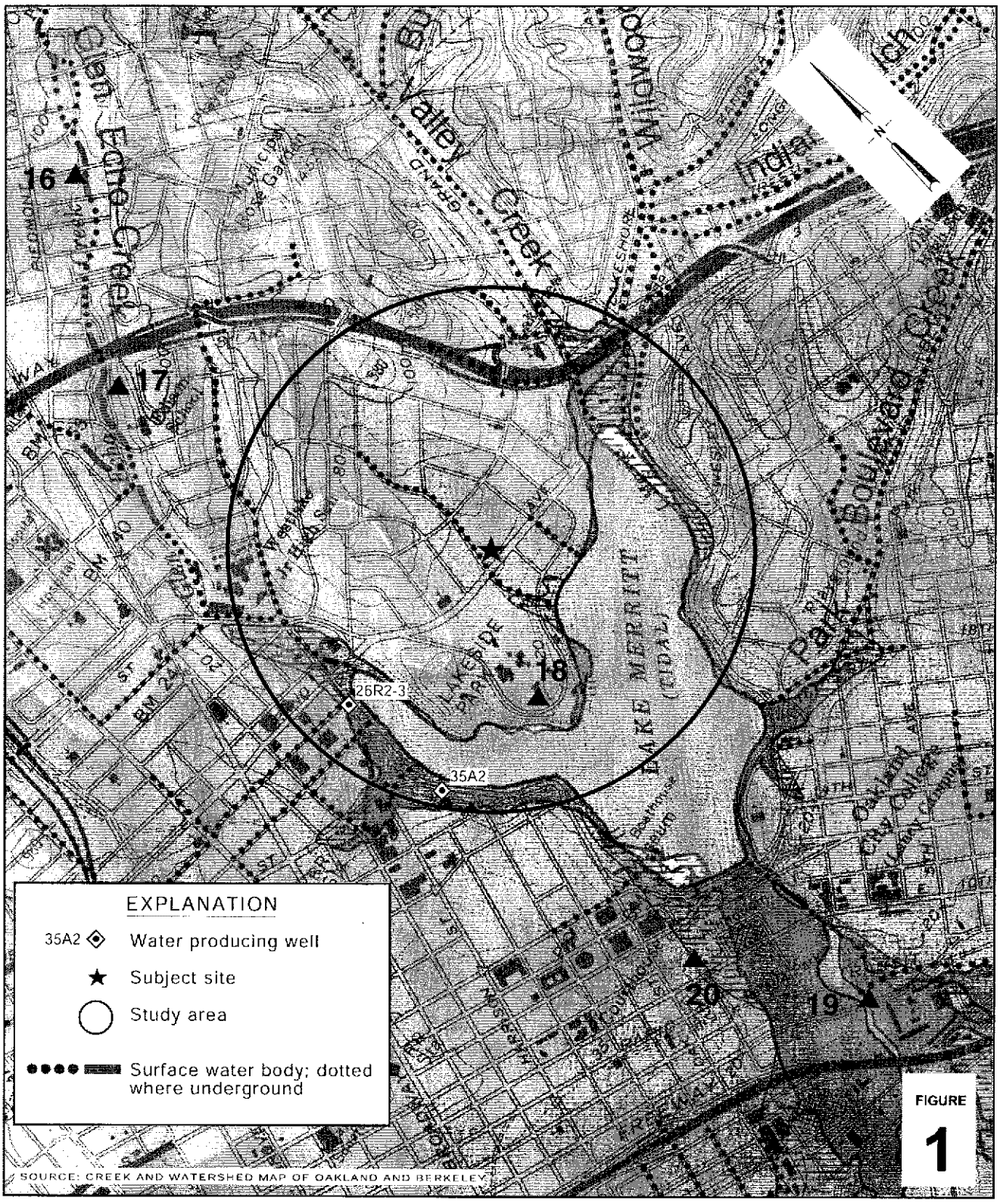


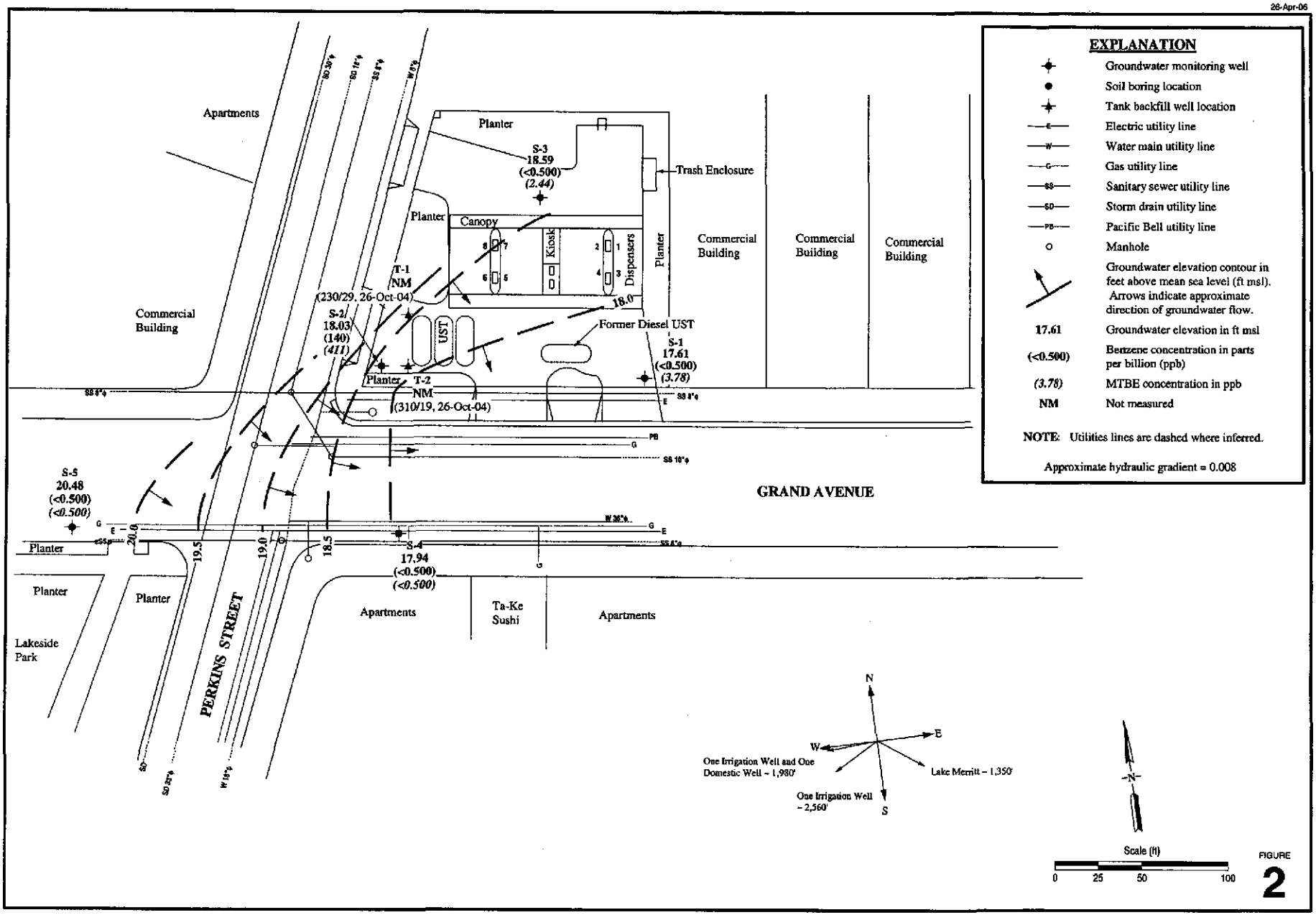
FIGURE
1

Shell-branded Service Station
350 Grand Avenue
Oakland, California

CAMBRIA

Vicinity/Area Well Survey Map

ATTACHMENT 1



Groundwater Contour/ Chemical Concentration Map

March 9, 2006

ATTACHMENT 2

Shell-branded Service Station
350 Grand Avenue
Oakland, California

Weiss Associates

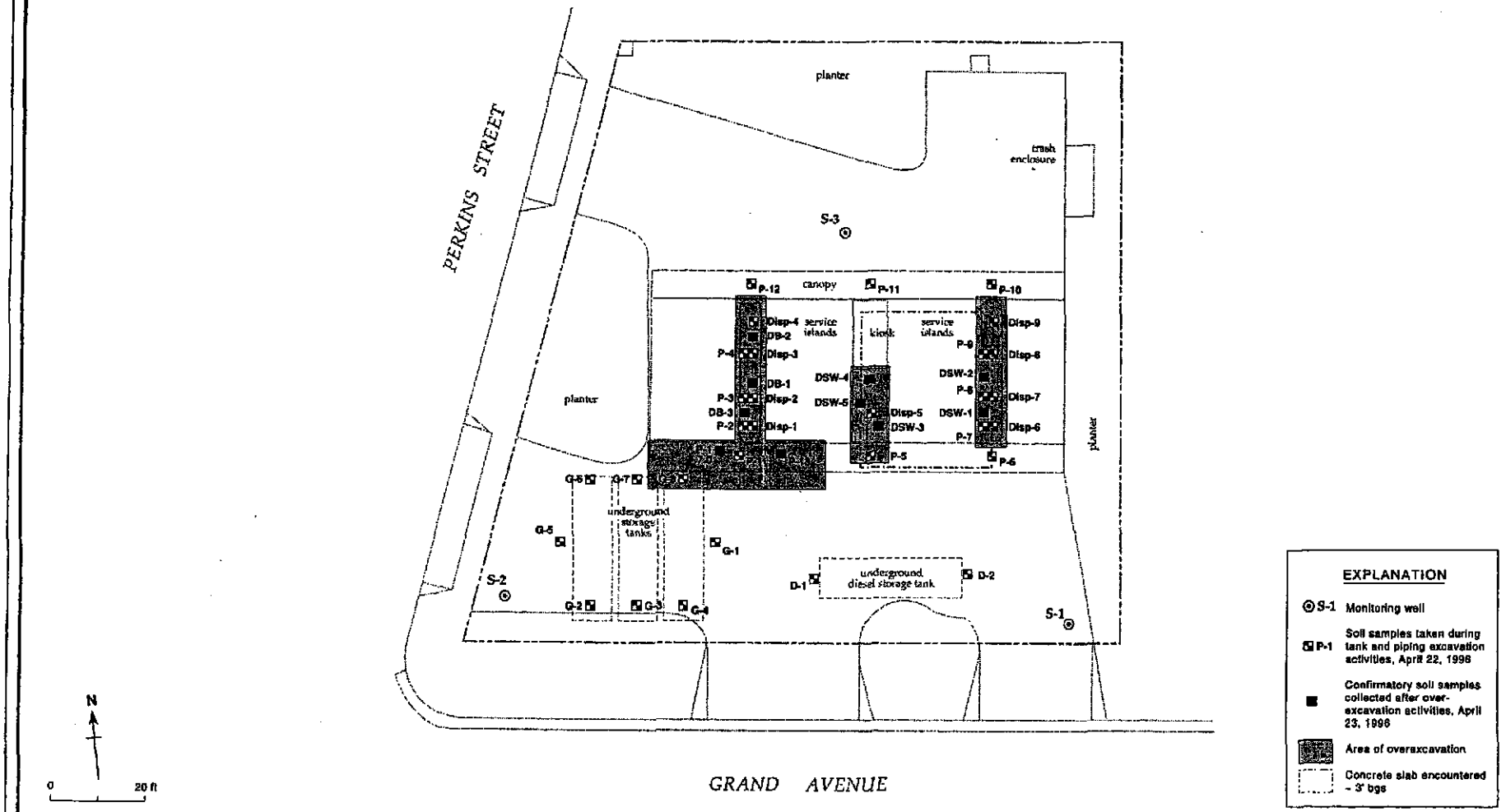


Figure 2. Soil Sampling and Existing Monitoring Well Locations - Shell Service Station WIC #204-5510-0204, 350 Grand Avenue, Oakland, California

S701-026.ai

07/29/96

ATTACHMENT 3

Historical Boring Location Map

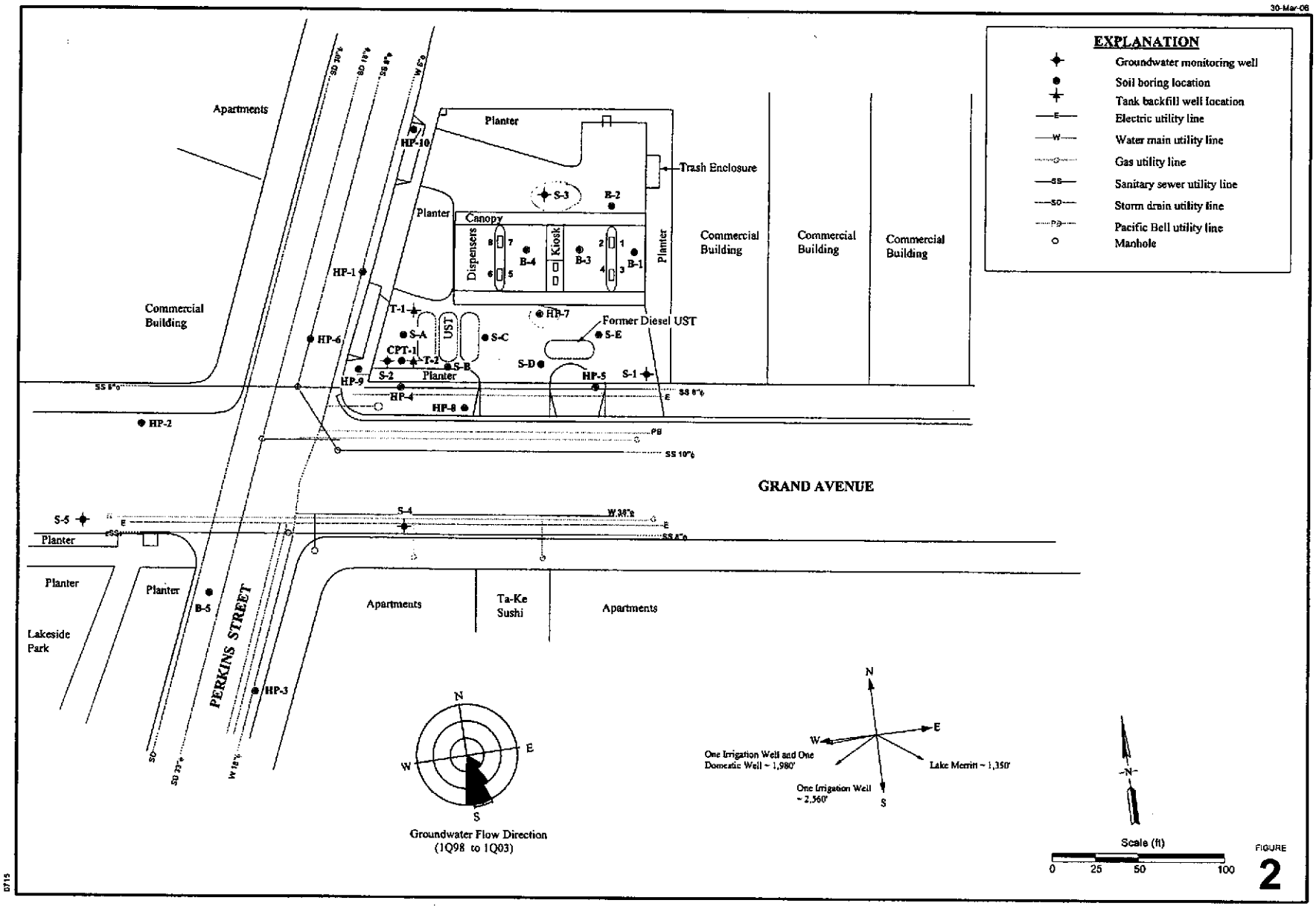


FIGURE
2

CAMBRIA

Shell-branded Service Station
350 Grand Avenue
Oakland, California

0715

Table 1. Historical Soil Analytical Data, Shell-branded Service Station, 350 Grand Avenue, Oakland, California

Sample ID	Date Sampled	Depth fbg	TPHg mg/kg	TPHd mg/kg	B mg/kg	T mg/kg	E mg/kg	X mg/kg	MTBE mg/kg	Lead mg/kg	Comments Work performed by
B-1-3'	21-Sep-05	**3.0**	<1.0	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	Cambria
B-1-5.5'	21-Sep-05	**5.5**	<50	NA	<0.50	<0.50	<0.50	<0.50	<0.50	NA	Cambria
B-2-3'	21-Sep-05	**3.0**	<1.0	NA	<0.0050	<0.0050	<0.0050	<0.0050	**0.054**	NA	Cambria
B-2-6'	21-Sep-05	**6.0**	**2.4**[a]	NA	<0.0050	<0.0050	<0.0050	<0.0050	**0.17**	NA	Cambria
B-2-9.5'	21-Sep-05	**9.5**	<1.0	NA	<0.0050	<0.0050	<0.0050	<0.0050	**0.15**	NA	Cambria
B-3-2.5'	21-Sep-05	**2.5**	<1.0	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	Cambria
B-4-1.5'	21-Sep-05	**1.5**	<1.0	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	Cambria
B-5-5'	20-Sep-05	**5.0**	<1.0	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	Cambria
B-5-9.5'	20-Sep-05	**9.5**	<1.0	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	Cambria
HP-7-5'	13-Apr-04	5.0	**4.0**	NA	<0.0050	<0.0050	**0.013**	**0.019**	**0.045**	NA	Cambria
HP-7-10'	13-Apr-04	10.0	**85**	NA	<0.50	<0.50	**0.53**	**0.68**	<0.50	NA	Cambria
HP-7-15'	13-Apr-04	15.0	**3.3**	NA	<0.0050	<0.0050	**0.036**	**0.025**	**0.023**	NA	Cambria
HP-7-19.5'	13-Apr-04	19.5	<1.0	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	Cambria
HP-8-5'	13-Apr-04	5.0	<1.0	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	Cambria
HP-8-10'	13-Apr-04	10.0	<1.0	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	Cambria
HP-8-11'	13-Apr-04	11.0	<1.0	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	Cambria
HP-8-14.5'	13-Apr-04	14.5	<1.0	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	Cambria
HP-9-5'	13-Apr-04	5.0	<1.0	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	Cambria
HP-9-10'	13-Apr-04	10.0	**4,300**	NA	<5.0	<5.0	<5.0	<5.0	<5.0	NA	Cambria
HP-10-5'	13-Apr-04	5.0	<1.0	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	Cambria
HP-10-9.5'	13-Apr-04	9.5	<1.0	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	Cambria

ATTACHMENT 4

Table 1. Historical Soil Analytical Data, Shell-branded Service Station, 350 Grand Avenue, Oakland, California

Sample ID	Date Sampled	Depth fbg	TPHg mg/kg	TPHd mg/kg	B mg/kg	T mg/kg	E mg/kg	X mg/kg	MTBE mg/kg	Lead mg/kg	Comments Work performed by
HP-4-5.5'	17-Mar-99	5.5	<1.00	<1.0	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	NA	Cambria
HP-4-10'	17-Mar-99	10.0	**408**	**140**	**2.22**	**2.57**	<0.250	**0.35**	**2.52**	NA	Cambria
HP-4-15'	17-Mar-99	15.0	**1.91**	<1.0	<0.00500	<0.00500	**0.0151**	**0.00510**	**0.132**	NA	Cambria
HP-4-15.5'	17-Mar-99	15.5	<1.00	**5.1**	**0.00560**	<0.00500	<0.00500	<0.00500	**0.110**	NA	Cambria
HP-5-5'	17-Mar-99	5.0	<1.00	**1.1**	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	NA	Cambria
HP-5-7'	17-Mar-99	7.0	<1.00	**4.8**	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	NA	Cambria
HP-5-10.5'	17-Mar-99	10.5	<1.00	**1.8**	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	NA	Cambria
HP-5-14.5'	17-Mar-99	14.5	<1.00	**5.6**	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	NA	Cambria
HP-5-15'	17-Mar-99	15.0	<1.00	<1.0	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	NA	Cambria
HP-6-5'	17-Mar-99	5.0	<1.00	<1.0	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	NA	Cambria
HP-6-8'	17-Mar-99	8.0	<1.00	**5.2**	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	NA	Cambria
HP-6-10'	17-Mar-99	10.0	<1.00	**3.1**	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	NA	Cambria
HP-6-15'	17-Mar-99	15.0	<1.00	**3.8**	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	NA	Cambria
HP-6-19.5'	17-Mar-99	19.5	<1.00	**5.8**	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	NA	Cambria
HP-6-20'	17-Mar-99	20.0	<1.00	**1.4**	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	NA	Cambria
SB-1-7.5' (S-5)	16-Apr-98	7.5	<1.0	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	NA	Cambria
SB-2-6.0' (S-4)	16-Apr-98	6.0	<1.0	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	NA	Cambria
G-1	22-Apr-96	7.0	**840**	**430**	<1.5	<1.5	**7.0**	**5.0**	NA	NA	Weiss Associates
G-2	22-Apr-96	7.0	**9.1**	**17**	**0.025**	**0.34**	**0.072**	**0.93**	NA	NA	Weiss Associates
G-3	22-Apr-96	7.0	**4.4**	**11**	**0.0087**	**0.020**	<0.005	**0.014**	NA	NA	Weiss Associates
G-4	22-Apr-96	7.0	**830**	**420**	<1.5	<1.5	**10**	**5.5**	NA	NA	Weiss Associates
G-5	22-Apr-96	7.0	**130**	**100**	<0.10	<0.10	**0.17**	**0.74**	NA	NA	Weiss Associates
G-6	22-Apr-96	7.0	**4,100**	**1,600**	<10	<10	**17**	**12**	NA	NA	Weiss Associates
G-7	22-Apr-96	7.0	**2,700**	**1,900**	<3.0	<3.0	**8.8**	**14**	NA	NA	Weiss Associates
G-8	22-Apr-96	7.0	**340**	**210**	<0.25	<0.25	**0.77**	**0.94**	NA	NA	Weiss Associates

Table 1. Historical Soil Analytical Data, Shell-branded Service Station, 350 Grand Avenue, Oakland, California

Sample ID	Date Sampled	Depth fbg	TPHg mg/kg	TPHd mg/kg	B mg/kg	T mg/kg	E mg/kg	X mg/kg	MTBE mg/kg	Lead mg/kg	Comments Work performed by
D-1	22-Apr-96	8.5	250	59	<0.25	<0.25	0.89	2.7	NA	NA	Weiss Associates
D-2	22-Apr-96	8.5	230	230	<0.12	<0.12	0.46	1.3	NA	NA	Weiss Associates
DISP-1	22-Apr-96	2.0	0.57	2.0	<0.005	<0.005	<0.005	<0.005	NA	NA	Weiss Associates
DISP-2	22-Apr-96	2.0	420	64	<0.5	1.4	5.1	22	NA	NA	Weiss Associates
DISP-3	22-Apr-96	2.0	9.2	49	<0.012	0.018	0.059	0.29	NA	NA	Weiss Associates
DISP-4	22-Apr-96	2.0	2.6	14	0.065	<0.005	0.053	0.095	NA	NA	Weiss Associates
DISP-5	22-Apr-96	2.0	1.4	3.3	<0.005	0.0056	<0.005	0.0085	NA	NA	Weiss Associates
DISP-6	22-Apr-96	2.0	7.2	4.6	0.0072	0.012	0.012	0.0075	NA	NA	Weiss Associates
DISP-7	22-Apr-96	2.0	4,800	2,800	<10	85	35	280	NA	NA	Weiss Associates
DISP-8	22-Apr-96	2.0	4,000	1,400	<5.0	120	49	420	NA	NA	Weiss Associates
DISP-9	22-Apr-96	2.0	770	2,800	3.6	11	8	61	NA	NA	Weiss Associates
P-1	22-Apr-96	4.0	1,300	820	5.5	57	24	140	NA	NA	Weiss Associates
P-1	23-Apr-96	7.0	68	6.2	0.80	<0.05	0.32	0.28	NA	NA	Weiss Associates
P-2	22-Apr-96	3.0	3,200	1,000	22	130	48	290	NA	NA	Weiss Associates
P-3	22-Apr-96	3.0	12	5.8	0.31	0.032	0.37	1.0	NA	NA	Weiss Associates
P-4	22-Apr-96	3.0	11	10	0.23	0.085	0.26	0.83	NA	NA	Weiss Associates
P-5	22-Apr-96	2.5	1.5	2.1	<0.005	<0.005	<0.005	0.0077	NA	NA	Weiss Associates
P-6	22-Apr-96	2.0	1.1	1.6	<0.005	<0.005	<0.005	0.0055	NA	NA	Weiss Associates
P-7	22-Apr-96	2.0	21	3.7	<0.010	<0.010	0.075	0.20	NA	NA	Weiss Associates
P-8	22-Apr-96	2.0	1,400	650	<2.5	17	11	83	NA	NA	Weiss Associates
P-9	22-Apr-96	2.0	4,200	610	6.8	210	74	490	NA	NA	Weiss Associates
P-10	22-Apr-96	2.0	2.3	3.7	<0.005	0.017	0.010	0.055	NA	NA	Weiss Associates
P-11	22-Apr-96	2.5	360	13	1.9	17	6.5	45	NA	NA	Weiss Associates
P-12	22-Apr-96	2.5	240	460	4.7	<0.5	4.8	2.1	NA	NA	Weiss Associates
P-13	23-Apr-96	5.5	3.8	1.6	0.053	0.0083	0.0098	0.020	NA	NA	Weiss Associates

Table 1. Historical Soil Analytical Data, Shell-branded Service Station, 350 Grand Avenue, Oakland, California

Sample ID	Date Sampled	Depth fbg	TPHg mg/kg	TPHd mg/kg	B mg/kg	T mg/kg	E mg/kg	X mg/kg	MTBE mg/kg	Lead mg/kg	Comments Work performed by
DSW-1	23-Apr-96	2.5	**510**	**130**	<0.5	<0.5	**1.2**	**3.0**	NA	NA	Weiss Associates
DSW-2	23-Apr-96	2.5	**87**	**13**	**0.34**	**2.2**	**0.94**	**7.1**	NA	NA	Weiss Associates
DSW-3	23-Apr-96	2.5	<1.0	**1.6**	<0.005	<0.005	<0.005	<0.005	NA	NA	Weiss Associates
DSW-4	23-Apr-96	2.5	**3.8**	**2.5**	<0.005	**0.014**	**0.028**	**0.077**	NA	NA	Weiss Associates
DSW-5	23-Apr-96	2.0	**270**	**31**	<0.25	<0.25	**0.68**	**1.6**	NA	NA	Weiss Associates
DB-1	23-Apr-96	4.0	**46**	**5.2**	**0.091**	**0.13**	**0.66**	1.7	NA	NA	Weiss Associates
DB-2	23-Apr-96	4.0	**8.1**	**4.5**	**0.081**	**0.078**	**0.11**	**0.34**	NA	NA	Weiss Associates
DB-3	23-Apr-96	3.5	**33**	**3.6**	**0.34**	**0.077**	**0.20**	**0.14**	NA	NA	Weiss Associates
HP-1-6.5	27-Jan-93	6.5	**1,500**	**18.0**	**0.11**	**0.81**	**0.86**	**1.2**	NA	NA	GeoStrategies
HP-2-6.5	27-Jan-93	6.5	<1.0	<1	<0.0025	<0.0025	<0.0025	<0.0025	NA	NA	GeoStrategies
HP-3-6.5	27-Jan-93	6.5	<1.0	<1	<0.0025	<0.0025	<0.0025	<0.0025	NA	NA	GeoStrategies
S-1-4.5	07-Jan-91	4.5	<1.0	<1.0	<0.005	**0.005**	<0.005	<0.005	NA	NA	GeoStrategies
S-1-9.5	07-Jan-91	9.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	NA	NA	GeoStrategies
S-2-4.5	07-Jan-91	4.5	<1.0	**2.9**[b]	**0.031**	**0.006**	<0.005	**0.007**	NA	NA	GeoStrategies
S-2-8.5	07-Jan-91	8.5	**440**	**360**[b]	**4.5**	**1.6**	**11**	**12**	NA	NA	GeoStrategies
S-2-14.5	07-Jan-91	14.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	NA	NA	GeoStrategies
S-2-17.5	07-Jan-91	17.5	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	NA	NA	GeoStrategies
S-3-4.5	07-Jan-91	4.5	**20**	**23**[b]	**0.33**	**0.17**	**0.50**	**2.0**	NA	NA	GeoStrategies
S-3-9.0	07-Jan-91	9.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	NA	NA	GeoStrategies
S-A-4.5	11-May-90	4.5	<2.5	<5	**0.045**	<0.025	<0.025	<0.05	NA	**5.3**	GeoStrategies
S-A-9.5	11-May-90	9.5	**2,900**	**2,400**[b]	**13**	**7**	**44**	**210**	NA	**8.7**	GeoStrategies
S-A-13.5	11-May-90	13.5	<2.5	<5	<0.025	<0.025	<0.025	<0.05	NA	5.7	GeoStrategies

Table 1. Historical Soil Analytical Data, Shell-branded Service Station, 350 Grand Avenue, Oakland, California

Sample ID	Date Sampled	Depth fbg	TPHg mg/kg	TPHd mg/kg	B mg/kg	T mg/kg	E mg/kg	X mg/kg	MTBE mg/kg	Lead mg/kg	Comments Work performed by
S-B-6.5	11-May-90	6.5	**21**	**42***	**0.082**	<0.025	**0.24**	**0.91**	NA	**38**	GeoStrategies
S-B-9.0	11-May-90	9.0	**1,400**	**1,300[b]**	**7**	**3**	**31**	**130**	NA	**6.3**	GeoStrategies
S-B-13.5	11-May-90	13.5	**2.5**	<5	0.30	<0.025	**0.027**	**0.09**	NA	**9.3**	GeoStrategies
S-C-9.5	11-May-90	9.5	**22**	**20[b]**	**0.30**	**0.052**	**0.57**	**1.3**	NA	**3.5**	GeoStrategies
S-D-4.5	11-May-90	4.5	<2.5	<5	<0.025	<0.025	<0.025	<0.05	NA	**7.6**	GeoStrategies
S-D-9.0	11-May-90	9.0	<2.5	**36[b]**	<0.025	<0.025	<0.025	<0.05	NA	**9.2**	GeoStrategies
S-D-15.0	11-May-90	15.0	<2.5	<5	<0.025	<0.025	<0.025	<0.05	NA	**6.8**	GeoStrategies
S-E-9.5	11-May-90	9.5	<2.5	<5	**0.10**	<0.025	<0.025	**0.21**	NA	**2.6**	GeoStrategies
S-E-13.5	11-May-90	13.5	<2.5	<5	<0.025	<0.025	<0.025	<0.05	NA	**8.1**	GeoStrategies

Abbreviations:

Lead by EPA Method 7421

The following constituents analyzed by EPA Method 8015M, 8020, or 8260B:

TPHg = Total petroleum hydrocarbons as gasoline

TPHd = Total petroleum hydrocarbons as diesel

BTEX = Benzene, toluene, ethylbenzene, and xylenes

MTBE = Methyl tertiary butyl ether

mg/kg = Milligrams per kilogram

NA = Not analyzed

[a] = Quantity of unknown hydrocarbons in sample based on gasoline

[b] = Does not match typical diesel chromatograph pattern

<x = Not detected at reporting limit x

Table 2. Historical Grab Groundwater Analytical Data, Shell-branded Service Station, 350 Grand Avenue, Oakland, California

Sample ID	Date Sampled	TPHg µg/L	TPHd µg/L	B µg/L	T µg/L	E µg/L	X µg/L	MTBE µg/L
CPT-1-36-W	20-Sep-05	**240**[a]	NA	<0.50	<0.50	**4.6**	<1.0	**17**
CPT-1-58-W	21-Sep-05	<50	NA	<0.50	<0.50	<0.50	<1.0	<0.50
HP-7-W	13-Apr-04	**1,300**	NA	<1.0	<1.0	**25**	**17**	**89**
HP-8-W	13-Apr-04	**57**[b]	NA	<0.50	<0.50	<0.50	<1.0	**6.2**
HP-9-W	13-Apr-04	**89,000**	NA	**480**	**68**	**280**	**<100**	**730**
HP-10-W	13-Apr-04	**67**[b]	NA	<0.50	<0.50	<0.50	<1.0	<0.50
HP-4	17-Mar-99	**83,000**	100,000	**1,000**	**420**	**590**	**280**	**2,000**
HP-5	17-Mar-99	**160**	<50	<0.50	<0.50	<0.50	<0.50	<2.5
HP-6	17-Mar-99	<50	<50	<0.50	<0.50	<0.50	<0.50	<2.5 (<2.0)
SB-1	16-Apr-98	<50	**140**[b]	<0.50	<0.50	<0.50	<0.50	<2.5 (<2.0)
SB-2	16-Apr-98	<50	NA	<0.50	<0.50	<0.50	<0.50	NA
HP-1	06-Jan-93	**22,000**	**14,000**	**2,500**	**130**	**1,400**	**140**	NA
HP-2	06-Jan-93	<50	NA	<0.5	**4.4**	<0.5	<0.5	NA
HP-3	06-Jan-93	<50	NA	<0.5	<0.5	<0.5	<0.5	NA

Abbreviations:

The following constituents analyzed by EPA Method 8260B:

TPHg = Total petroleum hydrocarbons as gasoline

BTEX = Benzene, toluene, ethylbenzene, and xylenes

MTBE = Methyl tertiary butyl ether

µg/L = Micrograms per liter

<x = Not detected at reporting limit x

NA = Not analyzed

a = Quantity of unknown hydrocarbon(s) in sample

b = TPHg does not match laboratory standard

ATTACHMENT 5

WELL CONCENTRATIONS
Shell-branded Service Station
350 Grand Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (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.)	GW Elevation (MSL)	DO Reading (ppm)
S-1	01/23/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	9.73	11.11	NA
S-1	04/25/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	7.37	13.47	NA
S-1	07/19/1991	<50	<50	6.8	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	8.92	11.92	NA
S-1	10/09/1991	120	260 d	10	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	9.62	11.22	NA
S-1	01/23/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	8.94	11.90	NA
S-1	04/27/1992	<50	70b	1.2	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	7.06	13.78	NA
S-1	07/10/1992	<50	930	13	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	8.31	12.53	NA
S-1	10/06/1992	62	110	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	9.55	11.29	NA
S-1	01/06/1993	85	81	1.1	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	9.86	10.98	NA
S-1	04/26/1993	<50	53 c	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	6.30	14.54	NA
S-1 (D)	04/26/1993	<50	53 c	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	6.30	14.54	NA
S-1	07/20/1993	<50	140	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	8.78	12.06	NA
S-1	10/18/1993	<50	210	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	9.20	11.64	NA
S-1	01/07/1994	<50	<50	1.4	1.5	0.55	2.8	NA	NA	NA	NA	NA	NA	20.84	9.53	11.31	NA
S-1 (D)	01/07/1994	<50	53	1.2	1.5	<0.5	2.7	NA	NA	NA	NA	NA	NA	20.84	9.53	11.31	NA
S-1	04/11/1994	<50	320	2.8	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	8.50	12.34	NA
S-1 (D)	04/11/1994	<50	220	2.6	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	8.50	12.34	NA
S-1	07/14/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.84	8.45	12.39	NA
S-1	07/19/1994	<50	110	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	9.07	11.77	NA
S-1	10/06/1994	110	370	1.4	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	11.68	9.16	NA
S-1	01/04/1995	120	1,000	2.5	<0.5	1.5	1.7	NA	NA	NA	NA	NA	NA	20.84	8.51	12.33	NA
S-1	04/12/1995	<50	290	2.1	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	6.66	14.18	NA
S-1 (D)	04/12/1995	<50	480	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	6.66	14.18	NA
S-1	07/07/1995	<50	370	5.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	6.95	13.89	NA
S-1 (D)	07/07/1995	<50	450	6.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	20.84	6.95	13.89	NA
S-1	10/05/1995	<50	200	3.9	1.2	<0.5	2.4	NA	NA	NA	NA	NA	NA	20.84	8.50	12.34	NA

WELL CONCENTRATIONS
Shell-branded Service Station
350 Grand Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (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.)	GW Elevation (MSL)	DO Reading (ppm)
S-1	01/12/1996	230	1,500	2.5	<0.5	0.9	0.6	NA	NA	NA	NA	NA	NA	20.84	8.02	12.82	NA
S-1	04/02/1996	95	2,000	0.91	<0.5	<0.5	<0.5	140	NA	NA	NA	NA	NA	20.84	4.98	15.86	NA
S-1	07/30/1996	<50	510	<0.5	<0.5	<0.5	<0.5	67	NA	NA	NA	NA	NA	20.84	6.40	14.44	NA
S-1 (D)	07/30/1996	<50	380	<0.5	<0.5	<0.5	<0.5	68	NA	NA	NA	NA	NA	20.84	6.40	14.44	NA
S-1	10/02/1996	<50	250	<0.5	<0.5	<0.5	<0.5	96	NA	NA	NA	NA	NA	20.84	7.53	13.31	NA
S-1	09/19/1997	<50	120	<0.50	<0.50	<0.50	<0.50	37	NA	NA	NA	NA	NA	20.84	8.54	12.30	0.8
S-1	01/08/1998	<50	210	<0.50	<0.50	<0.50	<0.50	74	NA	NA	NA	NA	NA	20.84	9.09	11.75	2.6
S-1	07/17/1998	<50	99	<0.50	<0.50	<0.50	<0.50	25	NA	NA	NA	NA	NA	20.86	6.48	14.38	2.6
S-1	01/28/1999	92.7	212	4.5	1.83	1.59	12.1	2.17	NA	NA	NA	NA	NA	20.86	10.46	10.40	2.2
S-1	07/23/1999	537	<50	81.1	91.3	24.8	81.6	47.9	NA	NA	NA	NA	NA	20.86	10.02	10.84	2.1
S-1	01/24/2000	<50.0	79.6	<0.500	<0.500	<0.500	<0.500	8.41	NA	NA	NA	NA	NA	20.86	8.42	12.44	2.2
S-1	07/27/2000	<50.0	127	<0.500	<0.500	<0.500	<0.500	31.9	NA	NA	NA	NA	NA	20.86	7.34	13.52	1.6
S-1	01/12/2001	<50.0	225	<0.500	<0.500	<0.500	<0.500	35.9	NA	NA	NA	NA	NA	20.86	8.15	12.71	1.8
S-1	02/16/2001	<50	140	<0.50	<0.50	<0.50	1.0	NA	24	NA	NA	NA	NA	20.86	7.42	13.44	6.1
S-1	07/09/2001	<50	57	<0.50	<0.50	<0.50	<0.50	NA	19	NA	NA	NA	NA	20.86	7.95	12.91	5.4
S-1	08/07/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.86	7.67	13.19	NA
S-1	10/02/2001	NA	NA	NA	NA	NA	NA	NA	2.5	NA	NA	NA	NA	20.86	7.74	13.12	4.6
S-1	01/18/2002	<50	68	<0.50	<0.50	<0.50	<0.50	NA	31	NA	NA	NA	NA	20.86	6.37	14.49	6.7
S-1	04/17/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.86	6.58	14.28	NA
S-1	07/16/2002	<50	100	<0.50	<0.50	<0.50	0.99	NA	35	NA	NA	NA	NA	23.66	7.38	16.28	7.0
S-1	10/10/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.26	7.89	15.37	NA
S-1	01/16/2003	<50	54	<0.50	<0.50	<0.50	<0.50	NA	17	NA	NA	NA	NA	23.26	6.52	16.74	0.7
S-1	05/02/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.26	6.44	16.82	NA
S-1	07/17/2003	<50	93 j	<0.50	<0.50	<0.50	<1.0	NA	19	NA	NA	NA	NA	23.26	6.96	16.30	0.9
S-1	11/04/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.26	8.09	15.17	NA
S-1	01/13/2004	<50	150 j	<0.50	<0.50	<0.50	<1.0	NA	14	NA	NA	NA	NA	23.26	6.40	16.86	NA

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Well ID	Date	TPPH (ug/L)	TEPH (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.)	GW Elevation (MSL)	DO Reading (ppm)
S-1	01/22/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.26	6.41	16.85	3.1
S-1	04/05/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.26	5.92	17.34	NA
S-1	07/02/2004	<50	66 j	<0.50	<0.50	<0.50	<1.0	NA	2.1	<2.0	<2.0	<2.0	<5.0	23.26	6.66	16.60	1.6
S-1	10/26/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.26	7.36	15.90	NA
S-1	01/13/2005	<50	<50	<0.50	<0.50	<0.50	<1.0	NA	4.6	NA	NA	NA	NA	23.26	5.73	17.53	1.8
S-1	04/15/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.26	5.64	17.62	NA
S-1	08/01/2005	<50	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	23.26	6.65	16.61	NA
S-1	10/05/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.26	7.53	15.73	NA
S-1	**03/09/2006**	**<50.0**	**78.7**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**NA**	**3.78**	**NA**	**NA**	**NA**	**NA**	**23.26**	**5.65**	**17.61**	**1.2**
S-2	01/23/1991	2,500	1,200	550	15	33	42	NA	NA	NA	NA	NA	NA	21.24	10.55	10.69	NA
S-2	04/25/1991	32,000	20,000 b	2,900	480	1,400	2,300	NA	NA	NA	NA	NA	NA	21.24	8.24	13.00	NA
S-2	07/19/1991	21,000	30,000 b	4,700	430	1,200	2,400	NA	NA	NA	NA	NA	NA	21.24	9.55	11.69	NA
S-2	10/09/1991	29,000	32,000 b	6,300	510	1,700	2,400	NA	NA	NA	NA	NA	NA	21.24	10.26	10.98	NA
S-2	01/23/1992	31,000	36,000 b	5,800	480	2,000	2,700	NA	NA	NA	NA	NA	NA	21.24	9.51	11.73	NA
S-2	04/27/1992	21,000 d	12,000 b	4,800	320	1,600	1,400	NA	NA	NA	NA	NA	NA	21.24	7.83	13.41	NA
S-2	07/10/1992	31,000	3,700 e	7,500	940	3,400	3,500	NA	NA	NA	NA	NA	NA	21.24	8.57	12.67	NA
S-2	10/06/1992	57,000	4,500 e	9,300	1,200	4,000	4,900	NA	NA	NA	NA	NA	NA	21.24	9.49	11.75	NA
S-2	01/06/1993	55,000	5,600	5,600	360	3,000	3,000	NA	NA	NA	NA	NA	NA	21.24	8.56	12.68	NA
S-2	04/26/1993	32,000	9,400 e	10,000	500	4,400	3,600	NA	NA	NA	NA	NA	NA	21.24	6.84	14.40	NA
S-2	07/20/1993	25,000	8,400 e	5,800	300	2,700	1,400	NA	NA	NA	NA	NA	NA	21.24	8.52	12.72	NA
S-2 (D)	07/20/1993	25,000	8,900 e	5,900	310	2,800	1,400	NA	NA	NA	NA	NA	NA	21.24	8.52	12.72	NA
S-2	10/18/1993	23,000	18,000 e	3,700	200	2,100	1,600	NA	NA	NA	NA	NA	NA	21.24	9.36	11.88	NA
S-2 (D)	10/18/1993	28,000	14,000 e	3,700	210	2,100	1,600	NA	NA	NA	NA	NA	NA	21.24	9.36	11.88	NA
S-2	01/07/1994	120,000	22,000 e	6,900	400	3,100	2,600	NA	NA	NA	NA	NA	NA	21.24	8.37	12.87	NA
S-2	04/11/1994	34,000	17,000 e	4,800	170	1,900	880	NA	NA	NA	NA	NA	NA	21.24	6.96	14.28	NA

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S-2	07/14/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21.24	7.49	13.75	NA
S-2	07/19/1994	23,000	NA	4,300	210	1,100	1,000	NA	NA	NA	NA	NA	NA	21.24	8.02	13.22	NA
S-2 (D)	07/19/1994	29,000	NA	4,700	270	1,200	1,200	NA	NA	NA	NA	NA	NA	21.24	8.02	13.22	NA
S-2	10/06/1994	61,000	NA	4,600	290	1,900	1,900	NA	NA	NA	NA	NA	NA	21.24	11.00	10.24	NA
S-2 (D)	10/06/1994	52,000	NA	5,200	270	2,100	1,900	NA	NA	NA	NA	NA	NA	21.24	11.00	10.24	NA
S-2	01/04/1994	23,000	NA	4,500	49	1,300	500	NA	NA	NA	NA	NA	NA	21.24	8.07	13.17	NA
S-2 (D)	01/04/1995	18,000	NA	3,800	33	1,100	390	NA	NA	NA	NA	NA	NA	21.24	8.07	13.17	NA
S-2	04/12/1995	29,000	NA	4,300	210	990	700	NA	NA	NA	NA	NA	NA	21.24	6.12	15.12	NA
S-2	07/07/1995	26,000	NA	4,200	180	1,100	730	NA	NA	NA	NA	NA	NA	21.24	6.35	14.89	NA
S-2	10/05/1995	26,000	10,000	3,500	150	1,100	640	NA	NA	NA	NA	NA	NA	21.24	7.36	13.88	NA
S-2 (D)	10/05/1995	33,000	9,400	4,200	210	1,500	850	NA	NA	NA	NA	NA	NA	21.24	7.36	13.88	NA
S-2	01/12/1996	36,000	13,000	4,100	240	1,400	790	NA	NA	NA	NA	NA	NA	21.24	7.64	13.60	NA
S-2 (D)	01/12/1996	40,000	11,000	4,100	260	1,400	860	NA	NA	NA	NA	NA	NA	21.24	7.64	13.60	NA
S-2	04/02/1996	12,000	7,300	1,300	120	460	150	4,000	NA	NA	NA	NA	NA	21.24	6.18	15.06	NA
S-2 (D)	04/02/1996	17,000	5,800	1,800	29	590	140	7,600	NA	NA	NA	NA	NA	21.24	6.18	15.06	NA
S-2	07/30/1996	18,000	13,000	3,000	100	1,200	420	17,000	19,000	NA	NA	NA	NA	21.24	7.22	14.02	NA
S-2	10/02/1996	28,000	18,000	3,700	110	1,100	260	20,000	NA	NA	NA	NA	NA	21.24	7.60	13.64	NA
S-2 (D)	10/02/1996	25,000	31,000	3,500	100	1,100	260	19,000	NA	NA	NA	NA	NA	21.24	7.60	13.64	NA
S-2	09/19/1997	21,000	11,000	2,300	120	500	110	11,000	NA	NA	NA	NA	NA	21.24	7.45	13.79	2.1
S-2	01/08/1998	35,000	8,100	3,200	260	850	320	23,000	NA	NA	NA	NA	NA	21.24	6.96	14.28	2.3
S-2 (D)	01/08/1998	27,000	5,400	3,400	190	860	200	23,000	NA	NA	NA	NA	NA	21.24	6.96	14.28	2.3
S-2	07/17/1998	19,000	12,000	1,700	130	610	130	13,000	NA	NA	NA	NA	NA	21.24	6.67	14.57	2.3
S-2	01/28/1999	482	99	24	7.52	5.41	63.7	11	NA	NA	NA	NA	NA	21.24	10.63	10.61	2.4
S-2	07/23/1999	320	223	52.0	54.5	14.7	48.6	33.9	NA	NA	NA	NA	NA	21.24	10.12	11.12	2.6
S-2	01/24/2000	18,500	7,600	1,440	140	472	68.9	6,940	NA	NA	NA	NA	NA	21.24	8.63	12.61	1.6
S-2	07/27/2000	14,900	10,200	1,250	98.8	437	<50.0	22,200	30,200	NA	NA	NA	NA	21.24	7.94	13.30	2.0

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Well ID	Date	TPPH (ug/L)	TEPH (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.)	GW Elevation (MSL)	DO Reading (ppm)
S-2	01/12/2001 h	17,200	8,050	930	88.8	497	57.0	23,200	18,500	NA	NA	NA	NA	21.24	8.82	12.42	1.9
S-2	02/16/2001	20,000	<5,000	990	93	450	63	NA	21,000	NA	NA	NA	NA	21.24	7.10	14.14	1.6
S-2	07/09/2001	16,000	26,000	690	62	210	<50	NA	27,000	NA	NA	NA	NA	21.24	8.35	12.89	2.1
S-2	08/07/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21.24	8.19	13.05	NA
S-2	10/02/2001	18,000	<12,000	810	89	470	69	NA	23,000	NA	NA	NA	NA	21.24	8.50	12.74	2.0
S-2	01/18/2002	21,000	21,000	750	79	470	69	NA	23,000	NA	NA	NA	NA	21.24	6.96	14.28	5.9
S-2	04/17/2002	34,000	<26,000	620	70	390	60	NA	17,000	NA	NA	NA	NA	21.24	7.39	13.85	0.6
S-2	07/16/2002	14,000	<10,000	630	75	310	33	NA	20,000	NA	NA	NA	NA	24.03	7.95	16.08	6.0
S-2	10/10/2002	11,000	<6,000	480	50	190	<50	NA	15,000	NA	NA	NA	NA	23.73	8.36	15.37	1.0
S-2	01/16/2003	16,000	<8,000	720	88	290	89	NA	17,000	NA	NA	NA	NA	23.73	6.98	16.75	0.7
S-2	05/02/2003	12,000 j	4,800 j	560	<50	<50	<100	NA	14,000	NA	NA	NA	NA	23.73	7.02	16.71	1.1
S-2	07/17/2003	26,000	4,800 j	850	85	240	<100	NA	13,000	NA	NA	NA	NA	23.73	8.06	15.67	2.1
S-2	11/04/2003	10,000	3,600 j	560	62	250	<100	NA	10,000	NA	NA	NA	NA	23.73	8.69	15.04	0.8
S-2	01/13/2004	17,000	5,400 j	740	<100	350	<200	NA	11,000	NA	NA	NA	NA	23.73	6.30	17.43	NA
S-2	01/22/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.73	6.64	17.09	0.3
S-2	04/05/2004	16,000	7,000 j	650	53	<50	<100	NA	10,000	NA	NA	NA	NA	23.73	6.61	17.12	0.2
S-2	07/02/2004	11,000	7,900 j	470	<50	240	<100	NA	6,800	<200	<200	<200	6,000	23.73	7.45	16.28	2.7
S-2	10/26/2004	12,000	6,900 k	370	<50	240	<100	NA	7,400	NA	NA	NA	4,900	23.73	7.80	15.93	0.5
S-2	01/13/2005	13,000	3,100 k	430	40	370	<25	NA	4,000	NA	NA	NA	2,700	23.73	5.90	17.83	0.3
S-2	04/15/2005	17,000	4,300 k	390	<25	580	<50	NA	2,100	NA	NA	NA	2,500	23.73	5.93	17.80	1.81
S-2	08/01/2005	12,000	3,200 k	160	38	380	<40	NA	1,600	<80	<80	<80	1,300	23.73	7.37	16.36	NA
S-2	10/05/2005	11,000	3,200 k	230	38	320	21	NA	1,200	NA	NA	NA	1,400	23.73	8.16	15.57	1.75
S-2	**03/09/2006**	**27,500**	**6,190**	**140**	**26.3**	**267**	**20.4**	**NA**	**411**	**NA**	**NA**	**NA**	**248**	**23.73**	**5.70**	**18.03**	**0.2**
S-3	01/23/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	14.67	8.03	NA
S-3	04/25/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	12.96	9.74	NA
S-3	07/19/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	12.45	10.25	NA

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S-3	10/09/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	12.98	9.72	NA
S-3	01/23/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	13.06	9.64	NA
S-3	04/27/1992	<50	100	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	7.25	15.45	NA
S-3	07/10/1992	<50	68	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	8.46	14.24	NA
S-3	10/06/1992	<50	<10	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	11.77	10.93	NA
S-3	01/06/1993	<50	<10	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	12.53	10.17	NA
S-3	04/26/1993	<50	69	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	4.28	18.42	NA
S-3	07/20/1993	<50	120	<0.5	0.6	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	5.70	17.00	NA
S-3	10/18/1993	<50	160	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	10.30	12.40	NA
S-3	01/07/1994 a	160	58	59	26	4.9	22	NA	NA	NA	NA	NA	NA	22.70	12.40	10.30	NA
S-3	04/11/1994	<50	<50	<0.52	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	10.94	11.76	NA
S-3	07/14/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.70	7.90	14.80	NA
S-3	07/19/1994	<50	110 d	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	8.12	14.58	NA
S-3	10/06/1994	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	12.15	10.55	NA
S-3	01/04/1995	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	11.18	11.52	NA
S-3	04/12/1995	<50	110	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	3.76	18.94	NA
S-3	07/07/1995	<50	410	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	4.72	17.98	NA
S-3	10/05/1995	<50	160	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	5.80	16.90	NA
S-3	01/12/1996	100	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	22.70	7.00	15.70	NA
S-3	04/02/1996	<50	170	<0.5	<0.5	<0.5	<0.5	3.4	NA	NA	NA	NA	NA	22.70	3.42	19.28	NA
S-3	07/30/1996	<50	92	<0.5	<0.5	<0.5	<0.5	4.3	NA	NA	NA	NA	NA	22.70	5.89	16.81	NA
S-3	10/02/1996	<50	160	<0.5	<0.5	<0.5	<0.5	4.1	NA	NA	NA	NA	NA	22.70	7.20	15.50	NA
S-3	09/19/1997	<50	260	<0.50	<0.50	<0.50	<0.50	4.3	NA	NA	NA	NA	NA	22.70	6.92	15.78	1.4
S-3 (D)	09/19/1997	<50	290	<0.50	<0.50	<0.50	<0.50	5.2	NA	NA	NA	NA	NA	22.70	6.92	15.78	1.4
S-3	01/08/1998	<50	170	<0.50	<0.50	<0.50	0.92	120	NA	NA	NA	NA	NA	22.70	5.77	16.93	2.7
S-3	07/17/1998	<50	97	<0.50	<0.50	<0.50	<0.50	33	NA	NA	NA	NA	NA	22.71	4.17	18.54	2.7

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S-3	01/28/1999	656	<50.0	45.4	10.2	4.98	83.2	87.2	NA	NA	NA	NA	NA	22.71	8.15	14.56	1.8
S-3	07/23/1999	<50.0	77.3	<0.500	<0.500	<0.500	<0.500	39.3	NA	NA	NA	NA	NA	22.71	7.46	15.25	1.9
S-3	01/24/2000	<50.0	77.2	<0.500	<0.500	<0.500	<0.500	12.0	NA	NA	NA	NA	NA	22.71	5.92	16.79	2.1
S-3	07/27/2000	<50.0	142	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	22.71	6.54	16.17	1.7
S-3	01/12/2001 f	<50.0	96	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	22.71	8.25	14.46	1.7
S-3	02/16/2001	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	2.0	NA	NA	NA	NA	22.71	11.37	11.34	NA
S-3	07/09/2001	<50	<50	<0.50	0.54	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	22.71	9.70	13.01	1.4
S-3	08/07/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.71	11.48	11.23	NA
S-3	10/02/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.71	11.56	11.15	NA
S-3	01/18/2002	<50	120	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	22.71	7.74	14.97	1.5
S-3	04/17/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.71	6.45	16.26	NA
S-3	07/16/2002	<50	72	<0.50	<0.50	<0.50	0.61	NA	<5.0	NA	NA	NA	NA	25.49	7.70	17.79	5.0
S-3	10/10/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.14	10.15	14.99	NA
S-3	01/16/2003	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	25.14	8.60	16.54	2.9
S-3	05/02/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.14	7.07	18.07	NA
S-3	07/17/2003	<50	74 j	<0.50	<0.50	<0.50	<1.0	NA	1.3	NA	NA	NA	NA	25.14	7.25	17.89	2.5
S-3	11/04/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.14	9.51	15.63	NA
S-3	01/13/2004	<50	180 j	<0.50	<0.50	<0.50	<1.0	NA	0.81	NA	NA	NA	NA	25.14	8.91	16.23	NA
S-3	01/22/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.14	8.50	16.64	3.3
S-3	04/05/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.14	6.89	18.25	NA
S-3	07/02/2004	<50	140 j	<0.50	<0.50	<0.50	<1.0	NA	0.65	<2.0	<2.0	<2.0	<5.0	25.14	7.50	17.64	7.1
S-3	10/26/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.14	9.74	15.40	NA
S-3	01/13/2005	<50	54 j	<0.50	<0.50	<0.50	<1.0	NA	3.0	NA	NA	NA	NA	25.14	8.26	16.88	4.0
S-3	04/15/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.14	4.94	20.20	NA
S-3	08/01/2005	<50	<50	<0.50	<0.50	<0.50	<1.0	NA	0.96	<2.0	<2.0	<2.0	<5.0	25.14	5.80	19.34	NA
S-3	10/05/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.14	8.87	16.27	NA

WELL CONCENTRATIONS
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350 Grand Avenue
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (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.)	GW Elevation (MSL)	DO Reading (ppm)
S-3	**03/09/2006**	**<50.0**	**398**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**NA**	**2.44**	**NA**	**NA**	**NA**	**NA**	**25.14**	**6.55**	**18.59**	**3.2**
S-4	07/17/1998	<50	220	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	19.96	6.59	13.37	2.5
S-4 (D)	07/17/1998	<50	260	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	19.96	6.59	13.37	2.5
S-4	01/28/1999	<50.0	356	0.882	<0.500	<0.500	0.71	<2.00	NA	NA	NA	NA	NA	19.96	10.57	9.39	3.0
S-4	07/23/1999	<50.0	<50	<0.500	<0.500	<0.500	<0.500	8.27	NA	NA	NA	NA	NA	19.96	10.06	9.90	2.1
S-4	01/24/2000	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.96	8.29	11.67	NA
S-4	02/02/2000	<50.0	410	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	19.96	9.93	10.03	2.0
S-4	07/27/2000	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.96	NA	NA	NA
S-4	08/02/2000	<50.0	265	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	19.96	8.05	11.91	2.0
S-4	01/12/2001	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.96	NA	NA	NA
S-4	01/25/2001	<50.0	235	<0.500	0.629	0.656	4.65	<2.50	NA	NA	NA	NA	NA	19.96	10.12	9.84	2.0
S-4	02/16/2001	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.96	NA	NA	NA
S-4	07/09/2001	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.96	NA	NA	NA
S-4	08/07/2001	<50	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	19.96	8.77	11.19	2.3
S-4	10/02/2001	<50	350	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	19.96	9.09	10.87	2.6
S-4	01/18/2002	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.96	NA	NA	NA
S-4	01/23/2002	Insufficient water		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.96	7.13	12.83	NA
S-4	04/17/2002	Insufficient water		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.96	6.28	13.68	NA
S-4	04/26/2002	<50	260	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	19.96	5.63	14.33	g
S-4	07/16/2002	<50	250	<0.50	<0.50	<0.50	1.1	NA	<5.0	NA	NA	NA	NA	22.75	6.90	15.85	1.6
S-4	10/10/2002	Insufficient water		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.34	9.20	13.14	NA
S-4	01/16/2003	<50	280	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	22.34	7.11	15.23	2.1
S-4	05/02/2003	53	130 j	0.67	<0.50	3.8	2.4	NA	<5.0	NA	NA	NA	NA	22.34	5.14	17.20	0.61
S-4	07/17/2003	<50	76 j	1.4	0.57	2.0	1.3	NA	<0.50	NA	NA	NA	NA	22.34	7.26	15.08	g
S-4	11/04/2003	<50	130 j	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	22.34	9.03	13.31	g

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Oakland, CA

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S-4	01/13/2004	<50	190 j	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	22.34	8.20	14.14	NA
S-4	01/22/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.34	6.91	15.43	1.8
S-4	04/05/2004	<50	79 j	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	22.34	5.70	16.64	6.0
S-4	07/02/2004	<50	140 j	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	22.34	8.11	14.23	7.3
S-4	10/26/2004	<50	870 j	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	22.34	9.14	13.20	0.2
S-4	01/13/2005	<50	59 j	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	22.34	4.38	17.96	7.6
S-4	04/15/2005	<50	56 j	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	22.34	4.85	17.49	2.02
S-4	08/01/2005	<50	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	22.34	7.34	15.00	NA
S-4	10/05/2005	<50	170 j	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	22.34	8.70	13.64	3.01
S-4	**03/09/2006**	**<50.0**	**347**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**NA**	**<0.500**	**NA**	**NA**	**NA**	**NA**	**22.34**	**4.40**	**17.94**	**4.3**
S-5	07/17/1998	<50	110	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	22.27	6.78	15.49	2.2
S-5	01/28/1999	<50.0	109	<0.500	<0.500	<0.500	<0.500	<2.00	NA	NA	NA	NA	NA	22.27	10.75	11.52	2.0
S-5	07/23/1999	<50.0	204	<0.500	<0.500	<0.500	<0.500	5.95	NA	NA	NA	NA	NA	22.27	10.21	12.06	1.8
S-5	01/24/2000	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.27	8.23	14.04	NA
S-5	02/02/2000	<50.0	172	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	22.27	10.15	12.12	1.9
S-5	07/27/2000	<50.0	119	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	22.27	7.41	14.86	2.0
S-5	01/12/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	22.27	8.80	13.47	NA
S-5	01/25/2001	NA	193	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.27	9.77	12.50	1.7
S-5	02/16/2001	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.27	NA	NA	NA
S-5	07/09/2001	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.27	NA	NA	NA
S-5	08/07/2001	<50	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	22.27	8.97	13.30	2.2
S-5	10/02/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.27	8.44	13.83	NA
S-5	01/18/2002	<50	190	<0.50	<0.50	<0.50	0.51	NA	<5.0	NA	NA	NA	NA	22.27	6.67	15.60	1.9
S-5	04/17/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.27	6.95	15.32	NA
S-5	07/16/2002	<50	1,200	<0.50	<0.50	<0.50	1.2	NA	<5.0	NA	NA	NA	NA	25.06	7.31	17.75	1.8

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Well ID	Date	TPPH (ug/L)	TEPH (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.)	GW Elevation (MSL)	DO Reading (ppm)
S-5	10/10/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24.78	8.07	16.71	NA
S-5	01/16/2003	<50	110	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	24.78	6.42	18.36	2.3
S-5	05/02/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24.78	6.20	18.58	NA
S-5	07/17/2003	<50	67 j	2.1	0.87	2.8	1.9	NA	<0.50	NA	NA	NA	NA	24.78	7.82	16.96	g
S-5	11/04/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24.78	8.53	16.25	NA
S-5	01/13/2004	<50	350 j	<0.50	0.51	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	24.78	7.47	17.31	NA
S-5	01/22/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24.78	6.28	18.50	1.1
S-5	04/05/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24.78	5.79	18.99	NA
S-5	07/02/2004	<50	140 j	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	24.78	7.98	16.80	7.1
S-5	10/26/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24.78	8.44	16.34	NA
S-5	01/13/2005	Insufficient water		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24.78	7.96	16.82	NA
S-5	04/15/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24.78	4.78	20.00	NA
S-5	08/01/2005	<50	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	24.78	7.70	17.08	NA
S-5	10/05/2005	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24.78	NA	NA	NA
S-5	**03/09/2006**	**<50.0**	**536**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**NA**	**<0.500**	**NA**	**NA**	**NA**	**NA**	**24.78**	**4.30**	**20.48**	**1.6**
T-1	07/16/2002	<5,000	180	<50	<50	<50	<50	NA	14,000	NA	NA	NA	NA	NA	7.71	NA	5.0
T-1	10/10/2002	<5,000	320	<50	<50	<50	<50	NA	17,000	NA	NA	NA	NA	24.14	8.91	15.23	2.3
T-1	01/16/2003	<1,000	230	12	<10	<10	<10	NA	5,800	NA	NA	NA	NA	24.14	7.55	16.59	1.2
T-1	05/02/2003	<2,500	400 j	<25	<25	<25	<50	NA	3,300	NA	NA	NA	NA	24.14	7.69	16.45	0.8
T-1	07/17/2003	<1,000	230 j	<10	<10	<10	<20	NA	3,300	NA	NA	NA	NA	24.14	8.52	15.62	1.1
T-1	11/04/2003	<500	200 j	<5.0	<5.0	<5.0	<10	NA	220	NA	NA	NA	NA	24.14	8.88	15.26	1.7
T-1	01/13/2004	<50	170 j	0.71	<0.50	<0.50	<1.0	NA	42	NA	NA	NA	NA	24.14	6.58	17.56	NA
T-1	01/22/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24.14	7.60	16.54	0.2
T-1	04/05/2004	1,800	410 j	13	60	25	490	NA	30	NA	NA	NA	NA	24.14	6.09	18.05	0.2
T-1	07/02/2004	180	610 j	2.7	<0.50	<0.50	2.3	NA	24	NA	NA	NA	NA	24.14	7.39	16.75	1.2

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Well ID	Date	TPPH (ug/L)	TEPH (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.)	GW Elevation (MSL)	DO Reading (ppm)
T-1	10/26/2004	1,000	1,400 j	230	9.2	1.6	68	NA	29	NA	NA	NA	NA	24.14	7.73	16.41	0.5
T-2	07/16/2002	<5,000	390	<50	<50	<50	<50	NA	17,000	NA	NA	NA	NA	NA	7.15	NA	4.0
T-2	10/10/2002	Insufficient water		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.55	8.19	15.36	NA
T-2	01/16/2003	<1,000	120	<10	<10	<10	<10	NA	2,900	NA	NA	NA	NA	23.55	6.98	16.57	1.5
T-2	05/02/2003	<500	190 j	<5.0	<5.0	<5.0	<10	NA	1,000	NA	NA	NA	NA	23.55	7.20	16.35	1.3
T-2	07/17/2003	<1,000	200 j	<10	<10	<10	<20	NA	2,800	NA	NA	NA	NA	23.55	7.88	15.67	1.2
T-2	11/04/2003	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.55	NA	NA	NA
T-2	01/13/2004	<250	430 j	<2.5	<2.5	<2.5	<5.0	NA	31	NA	NA	NA	NA	23.55	6.01	17.54	NA
T-2	01/22/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.55	6.13	17.42	0.6
T-2	04/05/2004	8,800	2,000 j	26	200	120	1,700	NA	55	NA	NA	NA	NA	23.55	5.53	18.02	0.3
T-2	07/02/2004	850	1,400 j	26	3.5	<2.5	47	NA	44	NA	NA	NA	NA	23.55	6.73	16.82	0.9
T-2	10/26/2004	2,200	1,000 j	310	23	3.8	240	NA	19	NA	NA	NA	NA	23.55	7.15	16.40	0.6

WELL CONCENTRATIONS
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Well ID	Date	TPPH (ug/L)	TEPH (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.)	GW Elevation (MSL)	DO Reading (ppm)

Abbreviations:
TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to February 16, 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 February 16, 2001, analyzed by EPA Method 8020.
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
TOB = Top of Wellbox Elevation
TOC = Top of Casing Elevation
GW = Groundwater
HP = Hydropunch ground water sample
T = Tank backfill well
DO = Dissolved Oxygen
ug/L = Parts per billion
ppm = Parts per million
MSL = Mean sea level
ft. = Feet
<n = Below detection limit
(D) = Duplicate sample
NA = Not applicable

WELL CONCENTRATIONS
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Well ID	Date	TPPH (ug/L)	TEPH (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.)	GW Elevation (MSL)	DO Reading (ppm)

Notes:

a = TPPH/BTEX concentrations anomalous with historical data. Lab verified concentrations.

b = Compounds reported as TPH-D appear to be the less volatile constituents of gasoline.

c = Compounds reported as TPH-D are primarily due to the presence of a heavier petroleum product, possibly motor oil.

d = Chromatogram pattern indicated an unidentified hydrcocarbon.

e = Compounds reported as TPH-D are primarily due to the presence of lighter petroleum product, possibly gasoline.

f = These results are listed as S-2 on the analytical report due to possible mislabeling in the field or laboratory.

g = DO reading not taken due to insufficient water.

h = These results are listed as S-3 on the analytical report due to possible mislabeling in the field or laboratory.

j = Hydrocarbon does not match pattern of laboratory's standard.

k = Hydrocarbon reported is in the early Diesel range and does not match the laboratory's standard.

Resampled on February 16, 2001 to confirm mislabeling.

Wells S-1, S-3, S-4, and S-5 surveyed on May 4, 1998 by Virgil Chavez Land Surveying of Vallejo, CA.

Site surveyed March 5, 2002 and July 29, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

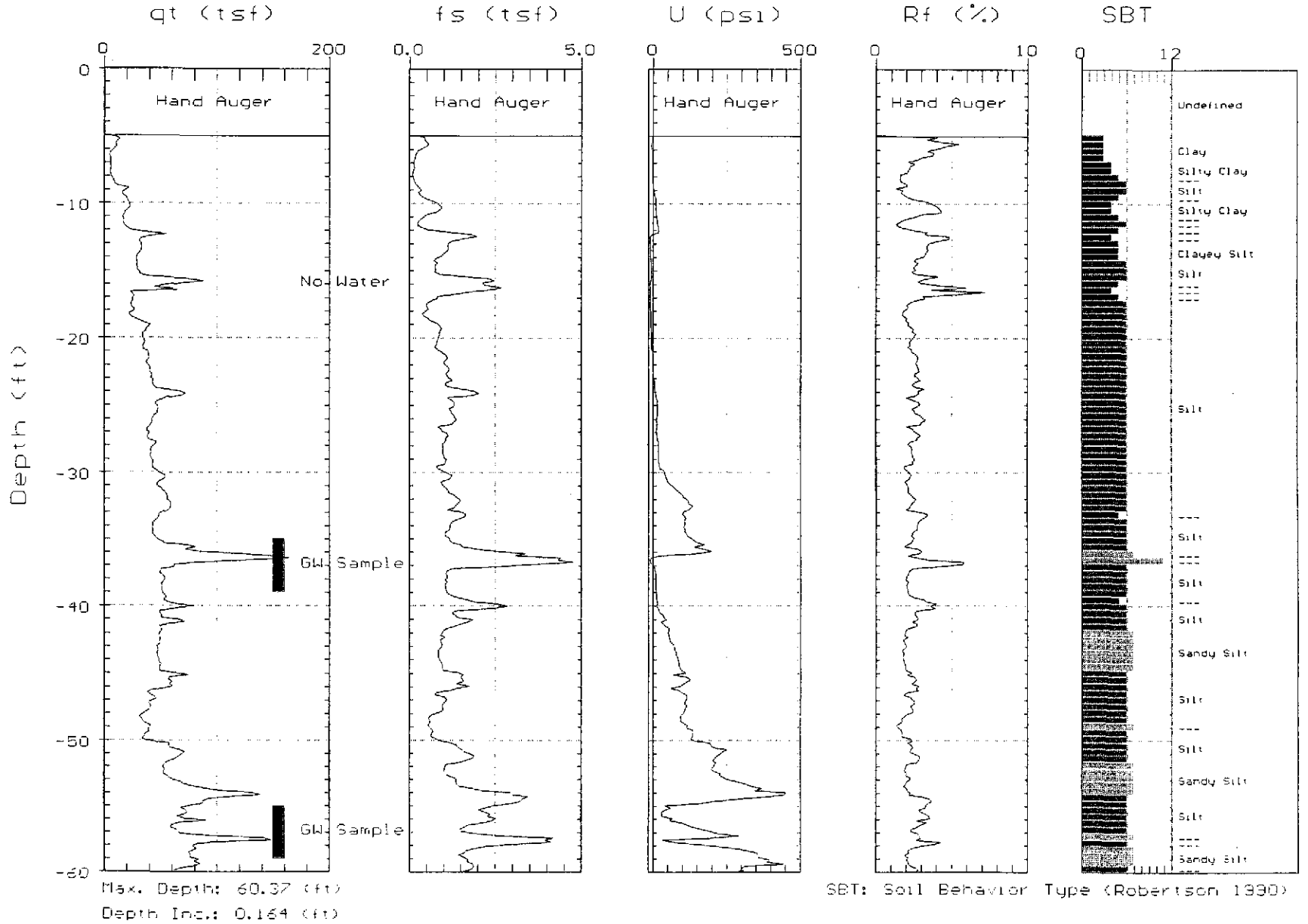
Beginning October 10, 2002 depth to water referenced to Top of Casing elevation.

GREGG

CAMBRIA

Site: 350 GRAND AVE
Location: CPT-01

Engineer: S.LEWIS
Date: 09:20:05 12:05



Max. Depth: 60.37 (ft)
Depth Inc.: 0.164 (ft)

SBT: Soil Behavior Type (Robertson 1990)

ATTACHMENT 6

Cambria Environmental Technology, Inc.
270 Perkins Street
Sonoma, CA 95476
Telephone: 707-935-4850
Fax: 707-935-6649

BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	B-1
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	21-Sep-05
LOCATION	350 Grand Avenue, Oakland, California	**DRILLING COMPLETED**	21-Sep-05
PROJECT NUMBER	0715	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hand auger	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	3"	**SCREENED INTERVAL**	NA
LOGGED BY	S. Lewis	**DEPTH TO WATER (First Encountered)**	4.5 ft (21-Sep-05) ▽
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
					GM		**CONCRETE**	0.6	
							Silty GRAVEL with Sand (GM); light olive brown (2.5Y 5/4); moist; 15% silt, 25% fine to coarse sand, 60% fine to coarse gravel.	1.0	
					SP SM		**SAND with Silt (SP-SM)**; light olive brown (2.5Y 5/4); dry to moist; 10% silt, 90% fine sand.	2.6	
		B-1-3.0'			SM		**Silty SAND (SM)**; light olive brown (2.5Y 5/4); moist; 15% clay, 20% silt, 65% fine sand. ▽		
				5			@ 4.5' - moist to wet.		
		B-1-5.5						6.0	Portland Type I/II; Bottom of Boring @ 6 ft

WELL LOG (PID) I:\OAKLAN~3\GINT\0715.GPJ DEFAULT.GDT 12/1/05

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	B-2
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	21-Sep-05
LOCATION	350 Grand Avenue, Oakland, California	**DRILLING COMPLETED**	21-Sep-05
PROJECT NUMBER	0715	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hand auger	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	3"	**SCREENED INTERVAL**	NA
LOGGED BY	S. Lewis	**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
					GM		**CONCRETE**	0.6	
							Silty GRAVEL with Sand (GM); dark gray (10YR 4/1); moist; 25% silt, 20% fine to coarse sand, 55% fine to coarse gravel.	1.0	
					ML		**Sandy SILT (ML)** ; dark gray (10YR 4/1); moist; 25% clay, 45% silt, 30% fine to coarse sand; low plasticity	2.5	
		B-2-3.0'			SM		**Silty SAND (SM)** ; light greenish gray (5G 7/1); dry to moist; 15% silt, 80% fine sand, 5% fine gravel. @ 3' - moist; 15% clay, 15% silt, 70% fine sand.	4.0	
				5			**Sandy SILT (ML)** ; dark yellowish brown (10YR 4/6); moist; 25% clay, 40% silt, 30% fine to coarse sand, 5% fine gravel; low plasticity.		Portland Type I/II
		B-2-6.0'			ML		**SILT (ML)** ; light greenish gray (5GY 7/1); moist; 30% clay, 65% silt, 5% fine sand; low plasticity.		
		B-2-9.5'		10				10.0	Bottom of Boring @ 10 ft

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	B-3
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	21-Sep-05
LOCATION	350 Grand Avenue, Oakland, California	**DRILLING COMPLETED**	21-Sep-05
PROJECT NUMBER	0715	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hand auger	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	3"	**SCREENED INTERVAL**	NA
LOGGED BY	S. Lewis	**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
					GM		**CONCRETE**	0.6	
							Silty GRAVEL with Sand (GM); very dark grayish brown (10YR 3/2); moist; 15% clay, 15% silt, 30% fine to coarse sand, 40% fine to coarse gravel.	1.0	Portland Type I/II
		B-3-2.5'			SM		**Silty SAND (SM)**; very dark grayish brown (10YR 3/2); moist; 15% silt, 80% fine to coarse sand, 5% fine to coarse gravel.	3.0	Bottom of Boring @ 3 ft
							@ 3' - **CONCRETE**		

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	B-4
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	21-Sep-05
LOCATION	350 Grand Avenue, Oakland, California	**DRILLING COMPLETED**	21-Sep-05
PROJECT NUMBER	0715	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hand auger	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	3"	**SCREENED INTERVAL**	NA
LOGGED BY	S. Lewis	**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
		B-4-1.5'			GM		**CONCRETE** **Silty GRAVEL with Sand (GM)**; yellowish brown (10YR 5/4); moist; 5% clay, 15% silt, 25% fine sand, 55% fine to coarse gravel. @ 2' - **CONCRETE**	0.6 2.0	Portland Type I/II Bottom of Boring @ 2 ft

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	B-5
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	20-Sep-05
LOCATION	350 Grand Avenue, Oakland, California	**DRILLING COMPLETED**	20-Sep-05
PROJECT NUMBER	0715	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	HAnd auger	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	3"	**SCREENED INTERVAL**	NA
LOGGED BY	S. Lewis	**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
					SM		**ASPHALT** **Silty SAND with Gravel (SM)**; black (2.5Y 2.5/1); moist; 25% silt, 50% fine to coarse sand, 25% fine gravel.	0.4 1.0	
							Sandy SILT (ML); black (2.5Y 2.5/1); moist; 30% clay, 40% silt, 30% fine sand; low to medium plasticity.		
		B-5-5.0'		5	ML		@ 4' - pale brown (10YR 6/3); 30% clay, 40% silt, 30% fine to coarse sand.		Portland Type I/II
		B-5-9.5'		10			@ 9' - dark yellowish brown (10YR 4/4).	10.5	Bottom of Boring @ 10.5 ft

WELL LOG (PID) I:\OAKLAN~3\GINT\0715.GPJ DEFAULT.GDT 12/1/05

Field location of boring: (See Plate 2)	Project No.: 766705	Date: 1/27/93	Boring No.: HP-1
	Client: Shell Oil Company		
	Location: 350 Grand Avenue		
	City: Oakland		Sheet: 1 of 1
	Logged by: RSY	Driller: Gregg	
Drilling method: Hollow-Stem Auger	Casing installation data:		
Hole diameter: 8-inches	Top of Box Elevation:	Datum:	

	Water Level			
	Time			
	Date			

PID (ppm)	Blows/ft. * or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				1				Asphalt - 3 inches
				2				CLAY (CL) - pale olive (5Y 6/4); stiff, moist, trace fine sand.
				3				
				4				
				5				CLAYEY SILT (ML) - very dark gray (7.5Y 3/0); stiff, moist, low plasticity.
		S&H		6				
			HP-1					
441	9		6.5	7				CLAY (CL) - very dark gray (5Y 3/1); stiff, moist, roots, high plasticity.
				8				
				9				
				10				
				11				
				12				Bottom of boring at 10.0 ft. 1/27/93
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				

Remarks:

* Converted to equivalent Standard Penetration blows/ft.

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Log of Boring

BORING NO. HP-1

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
766705	MCC	1/93		

Field location of boring:

(See Plate 2)

Project No.:	766705	Date: 1/27/93	Boring No.: HP-2
Client:	Shell Oil Company		
Location:	350 Grand Avenue		
City:	Oakland		Sheet 1 of 1
Logged by:	RSY	Driller: Gregg	

Drilling method: Hollow-Stem Auger

Hole diameter: 8-inches

Casing installation data:

Top of Box Elevation: Datum:

Water Level				
Time				
Date				

PID (ppm)	Blows/ft. * or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				1				Asphalt - concrete - 6 inches
				2				SILT (ML) - dark yellowish brown (10YR 3/4); medium stiff, wet; 5-10% fine sand.
				3				
				4				
				5				GRAVELLY CLAY (CL) - yellowish brown (10YR 5/6); dense, moist; 30% fine subrounded gravel, 20% medium to coarse sand; 50% clay.
		S&H	HP-2	6				
	24		6.5	7				
				8				
				9				
				10				
				11				
				12				
				13				Bottom of boring at 13.0 ft. 1/27/93
				14				
				15				
				16				
				17				
				18				
				19				
				20				

Remarks:

* Converted to equivalent Standard Penetration blows/ft.

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Log of Boring

BORING NO. HP-2

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
766705	MCC	1/93		

Field location of boring:

(See Plate 2)

Project No.: 766705	Date: 1/27/93	Boring No: HP-3	
Client: Shell Oil Company			
Location: 350 Grand Avenue			
City: Oakland		Sheet 1	
Logged by: RSY	Driller: Gregg	of 1	

Drilling method: Hollow-Stem Auger

Hole diameter: 8-inches

Casing installation data:

Top of Box Elevation: Datum:

Water Level				
Time				
Date				

PID (ppm)	Blows/ft. * or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				1				Asphalt - baserock - 6 inches
				2				GRAVELLY CLAY with SAND (CL) - dark yellowish brown (10YR 4/6); stiff, moist; 50% clay, 30% angular fine gravel, 20% medium to coarse sand.
				3				
				4				
				5				
		S&H						
			HP-3	6				
0	23		6.5					Decrease gravel to trace at 5.0 ft; color change to light olive brown (2.5Y 6/6).
				7				
				8				
				9				
				10				
				11				
				12				Color change to very dark gray (7.5YR 3/0) at 8.0 ft.
				13				
				14				Saturated at 13.0 ft.
				15				
				16				
				17				Bottom of boring at 14.0 ft.
				18				1/27/93
				19				
				20				

Remarks:

* Converted to equivalent Standard Penetration blows/ft.

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Log of Boring

BORING NO.

HP-3

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
766705	MCC	1/93		

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	HP-4
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	17-Mar-99
LOCATION	350 Grand Avenue, Oakland, California	**DRILLING COMPLETED**	17-Mar-99
PROJECT NUMBER	0715	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	2"	**SCREENED INTERVAL**	NA
LOGGED BY	T. Buggle	**DEPTH TO WATER (First Encountered)**	8.0 ft (17-Mar-99) ▽
REVIEWED BY	A. Le May, RG	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Hand augered to 5' bgs.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	SOIL DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							CONCRETE	0.4	
							FILL; brown to grey; soft; slightly moist; low to medium plasticity; moderate estimated permeability.		
1999		HP-4 -5.5'		5			@ 5' - wet.		
							@ 6' - some gravels.		
							▽		Portland Type I/II
							Sandy CLAY; (CL); grey to brown; soft; wet; 70% clay, 25% sand, 5% gravel; low plasticity; moderate estimated permeability.	9.0	
1999		HP-4 -10'		10	CL				
								13.5	
					CH		**CLAY**; (CH); grey to brown; hard; slightly moist; 85% clay, 5% silt, 10% sand; medium plasticity; low estimated permeability.		
1999		HP-4 -15' HP-4 -15.5'		15				15.5	Bottom of Boring @ 15.5 ft

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	HP-5
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	17-Mar-99
LOCATION	350 Grand Avenue, Oakland, California	**DRILLING COMPLETED**	17-Mar-99
PROJECT NUMBER	0715	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	2"	**SCREENED INTERVAL**	NA
LOGGED BY	T. Buggle	**DEPTH TO WATER (First Encountered)**	8.0 ft (17-Mar-99) ▽
REVIEWED BY	A. Le May, RG	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Hand augered to 5' bgs.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ftbg)	U.S.C.S.	GRAPHIC LOG	SOIL DESCRIPTION	CONTACT DEPTH (ftbg)	WELL DIAGRAM
							CONCRETE.	0.4	
							FILL: brown; soft; moist; low plasticity; moderate estimated permeability.		
0		HP-5 -5.5'		5			@ 5' - 20% clay, 75% sand, 5% gravel.		
0		HP-5 -7'					@ 6' - brown to grey; wet.		
							▽		Portland Type I/II
127		HP-5 -10.5'		10			@ 10' - brown to grey; wet; 25% clay, 70% sand, 5% gravel.	11.0	
							CLAY: (CL); brown to red; stiff; 90% clay, 5% silt, 5% sand; medium plasticity; low estimated permeability.		
					CL				
		HP-5 -14.5'							
0		HP-5 -15'		15				15.0	Bottom of Boring @ 15 ft

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	HP-6
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	17-Mar-99
LOCATION	350 Grand Avenue, Oakland, California	**DRILLING COMPLETED**	17-Mar-99
PROJECT NUMBER	0715	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	2"	**SCREENED INTERVAL**	NA
LOGGED BY	T. Buggle	**DEPTH TO WATER (First Encountered)**	10.0 ft (17-Mar-99) ▽
REVIEWED BY	A. Le May, RG	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Hand augered to 5' bgs.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	SOIL DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							ASPHALT	0.4	
							FILL; brown; soft; dry; low plasticity; high estimated permeability.		
5.5		HP-6 -5'		5					
1620		HP-6 -8'					@ 7' - slightly moist; low to medium plasticity; moderate estimated permeability.		
1999		HP-6 -10'		10			@ 10' - dark brown; wet; low plasticity; moderate to high estimated permeability. ▽	11.0	Portland Type VI
							Sandy CLAY; (CL); brown; stiff; moist; 60% clay, 5% silt, 35% sand; medium plasticity; low estimated permeability.		
1999		HP-6 -15'		15	CL		@ 15' - medium stiff; slightly moist.		
1999		HP-6 -19.5' HP-6 -20'		20				20.0	Bottom of Boring @ 20 ft

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	HP-7
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	13-Apr-04
LOCATION	350 Grand Avenue, Oakland, California	**DRILLING COMPLETED**	13-Apr-04
PROJECT NUMBER	0715	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	4"	**SCREENED INTERVAL**	NA
LOGGED BY	S. Lewis	**DEPTH TO WATER (First Encountered)**	19.5 ft (13-Apr-04) ▽
REVIEWED BY	A. Friel, RG 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
					GW		**CONCRETE**	0.6	
					SM		**Sandy GRAVEL (GW)** ; brown (10YR 5/3); moist; 40% fine to coarse sand, 60% fine to coarse gravel.	1.0	
							Silty SAND (SM) ; brown (10YR 5/3); moist; 40% silt, 60% fine sand.	2.0	
							Clayey SILT (ML) ; gray (10YR 5/1); moist; 20% clay, 80% silt; low to medium plasticity.		
63		HP-7-5		5					
							@ 8' - **Clayey Sandy SILT (ML)** ; brown (10YR 5/3); moist; 15% clay, 50% silt, 35% fine to coarse sand; low plasticity.		
59		HP-7-10		10	ML				Portland Type I/II
							@ 12' - **Clayey SILT (ML)** ; brown (10YR 5/3); moist; 20% clay, 80% silt; low plasticity.		
8		HP-7-15		15					
0		HP-7-19.5		20			@ 19' - light brownish gray (10YR 6/2); moist to wet. ▽	20.0	Bottom of Boring @ 20 ft

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	HP-8
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	13-Apr-04
LOCATION	350 Grand Avenue, Oakland, California	**DRILLING COMPLETED**	13-Apr-04
PROJECT NUMBER	0715	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	4"	**SCREENED INTERVAL**	NA
LOGGED BY	S. Lewis	**DEPTH TO WATER (First Encountered)**	11.0 ft (13-Apr-04) ▽
REVIEWED BY	A. Friel, RG 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
					GW		**CONCRETE**	0.6	
							Sandy GRAVEL (GW) ; very dark grayish brown (10YR 3/2); moist; 40% fine to coarse sand, 60% fine to coarse gravel.	1.0	
							Clayey SILT (ML) ; very dark grayish brown (10YR 3/2); moist; 20% clay, 80% silt; low plasticity.		
0		HP-8-5		5	ML		@ 5' - low to medium plasticity.		
							@ 7' - **Clayey Sandy SILT (ML)** ; light yellowish brown (10YR 6/4); moist; 15% clay, 60% silt, 25% fine to coarse sand; low plasticity.		Portland Type I/II
0		HP-8-10		10			@ 10' - black (10YR 2/1); 20% clay, 50% silt, 30% fine sand; low plasticity. ▽	11.0	
0		HP-8-11			GW		**Sandy GRAVEL (GW)** ; black (10YR 2/1); moist to wet; 40% fine to coarse sand, 60% fine to coarse gravel.	13.0	
					ML		**Clayey Sandy SILT (ML)** ; black (10YR 2/1); moist 20% clay, 50% silt, 30% fine sand; low plasticity.		
0		HP-8-14.5		15			@ 15' - wet.	16.0	Bottom of Boring @ 16 ft

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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	HP-9
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	13-Apr-04
LOCATION	350 Grand Avenue, Oakland, California	**DRILLING COMPLETED**	13-Apr-04
PROJECT NUMBER	0715	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hand Auger	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	4"	**SCREENED INTERVAL**	NA
LOGGED BY	S. Lewis	**DEPTH TO WATER (First Encountered)**	9.5 ft (13-Apr-04) ▽
REVIEWED BY	A. Friel, RG 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
					GW		**CONCRETE**	0.6	
							Sandy GRAVEL (GW) ; very dark grayish brown (10YR 3/2); moist; 40% fine to coarse sand, 60% fine to coarse gravel.	1.0	
							Clayey SILT (ML) ; very dark grayish brown (10YR 3/2); moist; 20% clay, 80% silt; low plasticity.		
0		HP-9-5		5	ML		@ 5' - low to medium plasticity.		Portland Type I/II
470		HP-9-10		10			@ 9' - black (10YR 2/1). ▽ @ 9.5' - wet.	10.0	Bottom of Boring @ 10 ft

WELL LOG (PID) I:\OAKLAN~3\GINT\0715.GPJ DEFAULT.GDT 3/30/06

Cambria Environmental Technology, Inc.
270 Perkins Street
Sonoma, CA 95476
Telephone: 707-935-4850
Fax: 707-935-6649

BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	HP-10
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	13-Apr-04
LOCATION	350 Grand Avenue, Oakland, California	**DRILLING COMPLETED**	13-Apr-04
PROJECT NUMBER	0715	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hand Auger	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	4"	**SCREENED INTERVAL**	NA
LOGGED BY	S. Lewis	**DEPTH TO WATER (First Encountered)**	9.5 ft (13-Apr-04) ▽
REVIEWED BY	A. Friel, RG 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
					GW		CONCRETE	0.6	
							Sandy GRAVEL (GW) ; yellowish brown (10YR 5/4); moist; 40% fine to coarse sand, 60% fine to coarse gravel.	1.0	
							Clayey Sandy SILT (ML) ; yellowish brown (10YR 5/4); moist; 20% clay, 75% silt, 15% fine sand; low to medium plasticity.		
							@ 4' - gray (10YR 5/1)		
0		HP-10-5		5	ML				Portland Type I/II
0		HP-10-9.5		10			@ 9.5' - wet ▽	10.0	
									Bottom of Boring @ 10 ft

WELL LOG (PID) I:\OAKLAN~3\GINT\0715.GPJ DEFAULT.GDT 3/30/06

Field location of boring: (See Plate 2)	Project No.: 7667	Date: 05/11/90	Boring No.: S-A
	Client: Shell Oil Company		
	Location: 350 Grand Avenue		
	City: Oakland, California		Sheet 1 of 1
	Logged by: R.C.M.	Driller: Bayland	
Drilling method: Solid Flight Auger	Casing installation data:		
Hole diameter: 5-Inches	Top of Box Elevation:		Datum:

Water Level	12.0'	
Time	9:30	
Date	05/11/90	

PID (ppm)	Blows/ft. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				0				
				1				PAVEMENT SECTION - 0.5 feet
4								FILL - Silty Clay (CL/ML) - brownish yellow (10YR 6/6),
				2				medium stiff, moist, medium plasticity; 70% clay; 30%
				3				silt; stained gray; moderate chemical odor.
	150							
	150	S&H	S-A-4.5	4				
16	150	push						FILL - Clay with Sand (CL) - very dark gray (10YR 3/1),
				5				stiff, damp, medium plasticity; 80% clay; 20% sand;
				6				stained green; strong chemical odor.
				7				damp; moderate chemical odor.
				8				
	150							saturated with product; strong chemical odor.
	150	S&H	S-A-9.5	9				
623	150	push						
				10				
				11				
				12		▽		
	150							SILTY SAND (SM) - brown (10YR 5/3), medium dense,
	200	S&H	S-A-13.5	13				saturated; 55% fine sand; 45% silt; trace gravel;
43	250	push						rootholes; slight chemical odor.
				14				
				15				Bottom of boring at 13.5 feet.
								Bottom of sample at 13.5 feet.
				16				05/11/90
				17				
				18				
				19				

Remarks: Backfilled to 10 feet with bentonite pellets, to 1.0 foot with cuttings, and to surface with concrete

GeoStrategies Inc.

Log of Boring

BORING NO. S-A

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7667	DMP CEG 1202	05/90		

Field location of boring:

(See Plate 2)

Project No.: 7667	Date: 05/11/90	Boring No: S-B	
Client: Shell Oil Company			
Location: 350 Grand Avenue			
City: Oakland, California		Sheet 1	
Logged by: R.C.M.	Driller: Bayland	of 1	

Casing installation data:

Drilling method: Solid Flight Auger

Hole diameter: 5-Inches

Top of Box Elevation: Datum:

Water Level	8.5'			
Time	11:32			
Date	05/11/90			

PID (ppm)	Blowsft. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				0				
				1				PAVEMENT SECTION - 0.5 feet
				2				FILL - Silty Clay (CL/ML) - dark gray (10YR 4/1), medium stiff, damp; 60% clay; 40% silt; trace fine sand and gravel; stained green; moderate chemical odor.
				3				
				4				
				5				
	150			6				FILL - Silt with Sand (ML) - dark gray (10YR 4/1), medium stiff, damp; 70% silt; 20% fine sand; 10% clay; stained green; strong chemical odor.
895	150	S&H	S-B-6.5					
		push		7				
				8				
	150			9		▽		saturated with product at 8.0 feet.
	200	S&H	S-B-9.0					
874	200	push		10				
				11				
				12				
	150			13				SANDY CLAY (CL) - brownish yellow (10YR 6/6), medium stiff, saturated, medium plasticity; 70% clay; 30% fine sand; stained green; rootholes; moderate chemical odor.
	200	S&H	S-B-13.5					
110	250	push		14				
58	300							
	400	S&H		15				Bottom of boring at 15.0 feet.
	500	push						Bottom of sample at 15.0 feet.
				16				05/11/90
				17				
				18				
				19				

Remarks: Backfilled to 10 feet with bentonite pellets, to 1.0 foot with cuttings, and to surface with concrete

GeoStrategies Inc.

Log of Boring

BORING NO. S-B

JOB NUMBER	REVIEWED BY PG/CEG	DATE	REVISED DATE	REVISED DATE
7667	CMP CEG 1262	05/90		

Field location of boring: (See Plate 2)	Project No.: 7667	Date: 05/11/90	Boring No.: S-C
	Client: Shell Oil Company		
	Location: 350 Grand Avenue		
	City: Oakland, California		Sheet 1 of 1
	Logged by: R.C.M.	Driller: Bayland	
Drilling method: Solid Flight Auger	Casing installation data:		
Hole diameter: 5-Inches	Top of Box Elevation:	Datum:	

	Water Level	Time	Date
	9.5'	10:15	05/11/90

PID (ppm)	Blows/ft. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				0				
				1				PAVEMENT SECTION - 0.5 feet
				2				FILL - Clay (CL) - very dark gray (10YR 3/1), medium stiff, damp; 70% clay; 30% silt; weak chemical odor.
				3				FILL - Silty Clay (CL/ML) - light yellowish brown (10YR 6/4), medium stiff, damp; 70% clay; 30% silt; trace fine sand and gravel; stained green; moderate chemical odor.
	150			4				
	150	S&H	S-C-4.5	5				
4	150	push		6				FILL - Silt (ML) - very dark gray (10YR 3/1), medium stiff, damp, low plasticity; 95% silt; 5% fine sand; moderate chemical odor.
				7				
				8				
	150			9				FILL - SANDY SILT (ML) - brown (10YR 5/3), medium stiff, saturated, low plasticity; 80% silt; 20% fine to medium sand; stained green; strong chemical odor
841	150	S&H	S-C-9.5	10		▽		
	150	push		11				
				12				
	150			13				
	250	S&H	S-C-13.5	14				CLAY (CL) - yellowish brown (10YR 5/6), stiff, damp, medium plasticity; 90% clay; 10% silt; trace fine sand; rootholes; stained green; weak chemical odor.
5	350	push		15				
				16				Bottom of boring at 13.5 feet. Bottom of sample at 13.5 feet. 05/11/90
				17				
				18				
				19				

Remarks: Backfilled to 10 feet with bentonite pellets, to 1.0 foot with cuttings, and to surface with concrete

GSI GeoStrategies Inc.

Log of Boring

BORING NO. S-C

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7667	CMP CEG 12/92	05/90		

Field location of boring: (See Plate 2)	Project No.: 7667	Date: 05/11/90	Boring No.: S-D
	Client: Shell Oil Company		
	Location: 350 Grand Avenue		
	City: Oakland, California		Sheet 1 of 1
	Logged by: R.C.M.	Driller: Bayland	
Drilling method: Solid Flight Auger	Casing installation data:		
Hole diameter: 5-Inches	Top of Box Elevation:	Datum:	
	Water Level: 8.5'		
	Time: 13:30		
	Date: 05/11/90		

PID (ppm)	Blows/ft. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				0				
				1				PAVEMENT SECTION - 0.5 feet
				2				FILL - Silty Clay (CL/ML) - dark gray (10YR 4/1), damp; 70% clay; 30% silt; trace fine sand; gray-green stained; moderate chemical odor.
				3				FILL - Silty Sand (SM) - brownish yellow (10YR 6/8), damp; 60% fine to medium sand; 30% silt; 10% clay; gray-green stained; rootholes; weak chemical odor.
				4				
0	500	S&H	S-D-4.5	5				FILL - Silty Sand (SM) - yellowish brown (10YR 5/6), damp; 60% fine to medium sand; 40% silt; gray-green stained; weak chemical odor.
		push						
				6				
				7				
				8				
	350			9		▽		FILL - Sand with Silt and Gravel (SW-SM) - dark yellowish brown (10YR 4/4), poorly graded, loose, damp; 75% sand; 15% gravel; 10% silt; moderate chemical odor.
1	550	S&H	S-D-9.0					
		push		10				
				11				
				12				
	300			13				CLAY (CL) - brownish yellow (10YR 6/6), stiff, damp; 90% clay; 10% silt; trace fine sand; gray stained; weak chemical odor.
	7	S&H	S-D-13.5					
4	12			14				
	6							
	10	S&H	S-D-15.0	15				
2	14							
				16				Bottom of boring at 15.0 feet.
								Bottom of sample at 15.0 feet.
				17				05/11/90
				18				
				19				

Remarks: Backfilled to 10 feet with bentonite pellets, to 1.0 foot with cuttings, and to surface with concrete

GSI GeoStrategies Inc.

Log of Boring

BORING NO. S-D

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7667	RMP CEG 12/92	05/90		

Field location of boring:	Project No.: 7667	Date: 05/11/90	Boring No:
(See Plate 2)	Client: Shell Oil Company		S-E
	Location: 350 Grand Avenue		Sheet 1
	City: Oakland, California		of 1
	Logged by: R.C.M.	Driller: Bayland	

Casing installation data:

Drilling method: Solid Flight Auger

Hole diameter: 5-Inches

Top of Box Elevation: Datum:

Water Level	9.0'				
Time	14:18				
Date	05/11/90				

PID (ppm)	Blows/ft. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
				0				
				1				PAVEMENT SECTION - 0.5 feet
0				2				FILL - Silt with Sand (ML) - dark gray (10YR 4/1), moist; 80% silt; 20% fine to medium sand; trace gravel; green stained; moderate to strong chemical odor.
				3				
				4				Concrete - 3.0 to 3.2 feet
0	500	S&H	S-E-4.5	5				FILL - Silty Sand (SM) - dark greenish gray (5BG 4/1), loose, moist; 60% sand; 35% silt; 5% gravel; strong chemical odor.
		push		6				
				7				
				8				
	250			9		▽		COLOR CHANGE to olive (5Y 5/3), loose, saturated; 75% sand; 20% silt; 5% gravel; strong chemical odor.
	250	S&H	S-E-9.5	10				
33	350	push		11				
				12				
	250			13				CLAY (CL) - brownish yellow (10YR 6/6), stiff, damp, medium plasticity; 90% clay; 10% silt; trace fine sand; gray stained; moderate chemical odor.
	350	S&H	S-E-13.5	14				
2	500	push		15				Bottom of boring at 13.5 feet.
				16				Bottom of sample at 13.5 feet.
				17				05/11/90
				18				
				19				

Remarks: Backfilled to 10 feet with bentonite pellets, to 1.0 foot with cuttings, and to surface with concrete

GSI GeoStrategies Inc.

Log of Boring

BORING NO. S-E

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
7667	[illegible] 05/12	05/90		

Field location of boring:

(See Plate 2)

Project No.: 766701	Date: 01/07/91	Boring No.: S-1	
Client: Shell Oil Company			
Location: 350 Grand Avenue			
City: Oakland, California		Sheet 1 of 1	
Logged by: T.J.W.	Driller: Bayland		

Drilling method: Hollow Stem Auger

Hole diameter: 8-Inches

Casing installation data: (See Well Construction Detail)

Top of Box Elevation: 20.84 Datum: MSL

Water Level	9.5'	11.0'	
Time	10:00	15:30	
Date	01/07/91	01/07/91	

PID (ppm)	Blows/ft. * or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
								PAVEMENT SECTION - 0.333 feet
				1				
								FILL - Gravel and Sand (GP) - dark yellowish brown
				2				(10YR 4/4), dense, damp; 60% medium gravel; 35% fine
								to coarse sand; 5% fines.
				3				
				4				
0	500	S&H	S-1-					
	500	push	4.5	5				CLAYEY SAND (SC) - olive gray (5Y 4/2), very dense,
		(psi)						damp; 80% fine to medium sand; 15% clay; 5% silt.
				6				
				7				
				8				
	500	S&H		9				
	500	push	S-1-					COLOR CHANGE to gray (5Y 5/1), saturated at 9.5 feet.
0	500		9.5	10				
	(psi)							
				11				
				12				
				13				
		S&H		14				
			S-1-					CLAY (CL) - light olive brown (2.5Y 5/6), stiff, damp; 80%
0	15		15.0	15				clay; moderately silty; minor iron and manganese
								staining in rootholes.
				16				
				17				SANDY SILT (ML) - light olive brown (2.5 5/6), stiff,
								damp; 55% silt; 35% fine sand; slightly clayey;
				18				manganese staining.
			S-1-	19				Bottom of sample at 19.5 feet.
	15	S&H	19.5					Bottom of boring at 19.5 feet.
				20				01/07/91

Remarks:

* Converted to equivalent Standard Penetration blows/ft.

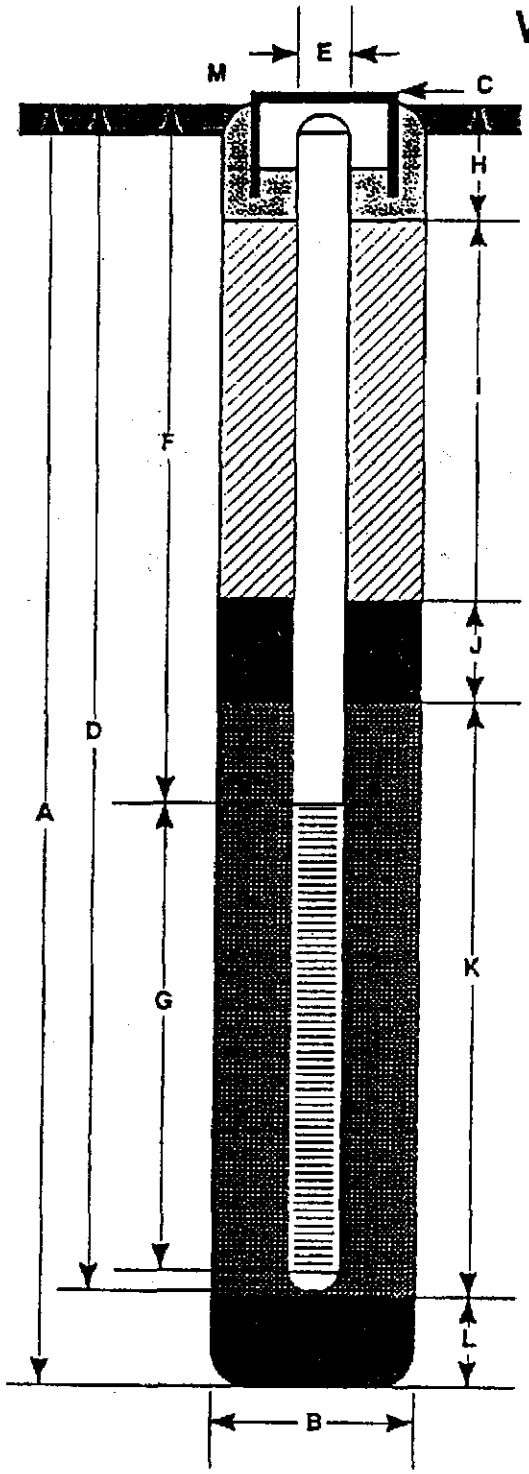
GeoStrategies Inc.

Log of Boring

BORING NO. S-1

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
766701		01/91		

WELL CONSTRUCTION DETAIL



A Total Depth of Boring 19.5 ft.

B Diameter of Boring 8 in.
Drilling Method Hollow Stem Auger

C Top of Box Elevation 20.84 ft.
[X] Referenced to Mean Sea Level
[ ] Referenced to Project Datum

D Casing Length 17 ft.
Material Schedule 40 PVC

E Casing Diameter 3 in.

F Depth to Top Perforations 7 ft.

G Perforated Length 9 ft.
Perforated Interval from 7 to 16 ft.
Perforation Type Machine Slot
Perforation Size 0.020 in.

H Surface Seal from 0 to 1.5 ft.
Seal Material Concrete

I Backfill from 1.5 to 4 ft.
Backfill Material Cement Grout

J Seal from 4 to 5 ft.
Seal Material Bentonite

K Gravel Pack from 5 to 17 ft.
Pack Material Lonestar #2/12

L Bottom Seal 2.5 ft.
Seal Material Bentonite Pellets

M Traffic-rated Christy box with locking cap and lock.

Note: Depths measured from initial ground surface.

GeoStrategies Inc.

Well Construction Detail

WELL NO. S-1

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
766701	DHP	01/91		

Field location of boring: (See Plate 2)

Project No.: 766701	Date: 01/07/91	Boring No: S-2	
Client: Shell Oil Company			
Location: 350 Grand Avenue			
City: Oakland, California		Sheet 1	
Logged by: T.J.W.	Driller: Bayland	of 1	

Casing installation data: (See Well Construction Detail)

Drilling method: Hollow Stem Auger

Hole diameter: 8-Inches

Top of Box Elevation: 21.24 Datum: MSL

Water Level	8.5'	11.1'	
Time	11:30	15:35	
Date	01/07/91	01/07/91	

PID (ppm)	Blows/ft. or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
								PAVEMENT SECTION - 0.5 feet
				1				
								FILL - Silt and Sand (SW) - light olive brown (2.5Y 5/4),
				2				dense, damp.
				3				
	500	S&H						SILTY SAND (SM) - greenish brown (5G 5/1), dense,
85.6	500	push	S-2-	4				damp; 65% fine sand; 30% silt; slightly clayey.
	500		4.5					
	(psi)			5				SILT (ML) - black (5Y 2.5/1), stiff, damp; 85% silt;
								moderately clayey.
				6				
				7				
				8				
988	500	S&H	S-2-			▽		SANDY SILT (ML) - black (5Y 2.5/1), stiff, saturated; 60%
	500	push	8.0	9				silt; 35% fine sand; 5% clay; rootholes present.
	500							
	(psi)			10				
				11		▽		
				12				
				13				
		S&H						SILT (ML) - olive gray (5Y 5/2), stiff, damp; 60% silt; 35%
			S-2-	14				clay; 5% fine sand.
6.8	11		14.5					
				15				
				16				
		S&H						GRAVEL with SAND (GP) - olive (5Y 5/3), medium dense,
			S-2-	17				saturated; 70% fine to medium gravel; 30% fine to coarse
17.8	24		17.5					sand.
				18				
								Bottom of sample at 17.5 feet.
				19				Bottom of boring at 17.5 feet.
								01/07/91
				20				

Remarks:

* Converted to equivalent Standard Penetration blows/ft.

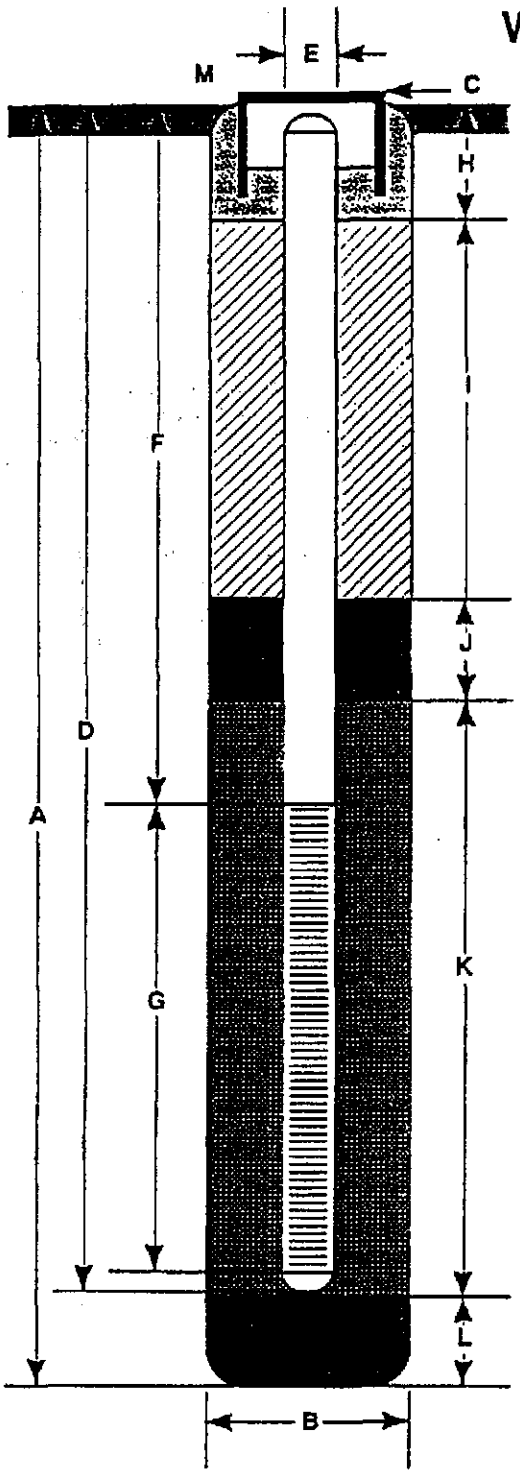
GeoStrategies Inc.

Log of Boring

BORING NO. S-2

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
766701	DKP	01/91		

WELL CONSTRUCTION DETAIL



A Total Depth of Boring 17.5 ft.

B Diameter of Boring 8 in.
Drilling Method Hollow Stem Auger

C Top of Box Elevation 21.24 ft.
[X] Referenced to Mean Sea Level
[ ] Referenced to Project Datum

D Casing Length 15 ft.
Material Schedule 40 PVC

E Casing Diameter 3 in.

F Depth to Top Perforations 7 ft.

G Perforated Length 8 ft.
Perforated Interval from 7 to 15 ft.
Perforation Type Machine Slot
Perforation Size 0.020 in.

H Surface Seal from 0 to 1.5 ft.
Seal Material Concrete

I Backfill from 1.5 to 4 ft.
Backfill Material Cement Grout

J Seal from 4 to 5 ft.
Seal Material Bentonite

K Gravel Pack from 5 to 15 ft.
Pack Material Lonestar #2/12

L Bottom Seal 2.5 ft.
Seal Material Bentonite Pellets

M Traffic-rated Christy box with locking cap and lock.

Note: Depths measured from initial ground surface.

GeoStrategies Inc.

Well Construction Detail

WELL NO
S-2

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
766701	DHP	01/91		

Field location of boring: (See Plate 2)	Project No.: 766701	Date: 01/07/91	Boring No.: S-3
	Client: Shell Oil Company		
	Location: 350 Grand Avenue		
	City: Oakland, California		Sheet 1 of 1
	Logged by: T.J.W.	Driller: Bayland	
Drilling method: Hollow Stem Auger	Casing installation data: (See Well Construction Detail)		
Hole diameter: 8-Inches	Top of Box Elevation: 22.70		Datum: MSL

Water Level	8.5'	14.0'	
Time	13:30	15:38	
Date	01/07/91	01/07/91	

PID (ppm)	Blows/ft. * or Pressure (psi)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	Description
								PAVEMENT SECTION - 0.5 feet.
				1				
								FILL - Sand and Gravel (SW) - concrete blocks, red bricks - PIPE ENCOUNTERED AT 2.0 feet.
				2				MOVED HOLE 12" NORTH
				3				
	325	S&H						SILT with SAND (ML) - olive (5Y 5/3), stiff, damp.
336	325	push	S-3-	4				
	325		4.5					
	(psi)			5				
				6				
				7				
				8				
0.5		S&H				▽		SAND (SP) - olive (5Y 4/4), loose to medium dense, saturated; 85% fine to coarse sand; 10% gravel; slightly silty.
	10		S-3-	9				
			9.0					
				10				
				11				
				12				
				13				SILTY SAND (SM) - light olive brown (2.5Y 5/4), dense, moist; 75% medium sand; 25% silt and clay; trace gravel.
0		S&H	S-3-	14		▽		CLAY (CL) - mottled light olive brown (2.5 5/4) to pale olive (5Y 6/3), very stiff, damp; minor rootholes.
	18		14.5					
				15				
				16				Bottom of sample at 14.5 feet.
								Bottomof boring at 14.5 feet.
				17				01/07/91
				18				
				19				
				20				

Remarks:

* Converted to equivalent Standard Penetration blows/ft.

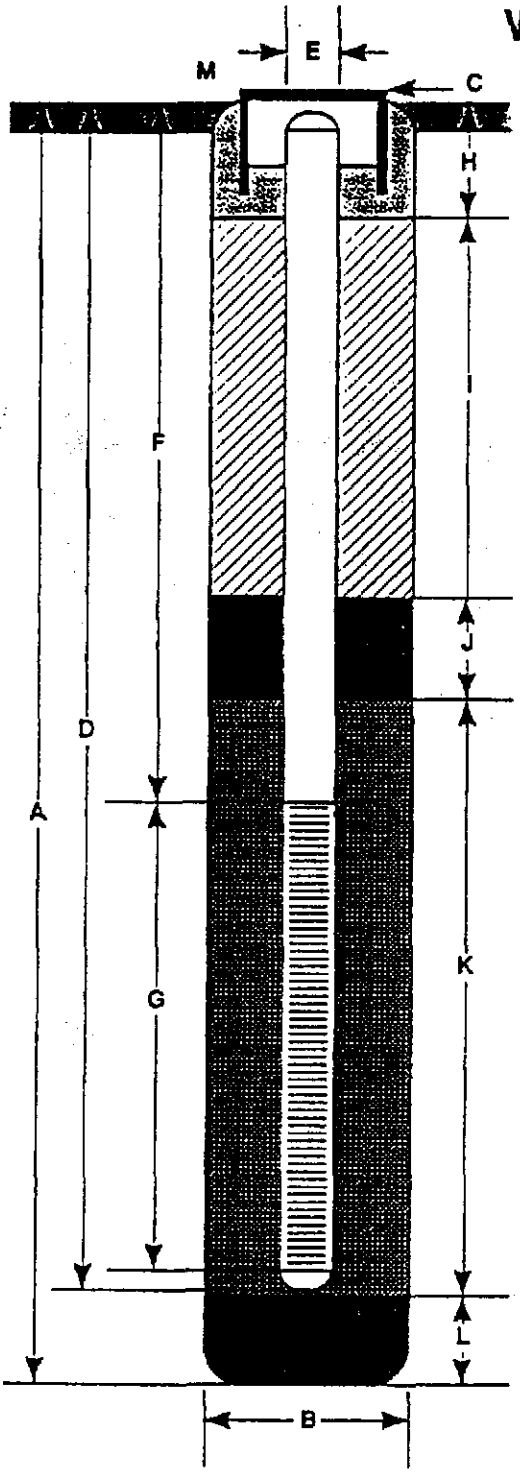
GeoStrategies Inc.

Log of Boring

BORING NO. S-3

JOB NUMBER	REVIEWED BY RG/CEG	DATE	REVISED DATE	REVISED DATE
766701	DHP	01/91		

WELL CONSTRUCTION DETAIL



A Total Depth of Boring 14.5 ft.

B Diameter of Boring 8 in.
Drilling Method Hollow Stem Auger

C Top of Box Elevation 22.70 ft.
[X] Referenced to Mean Sea Level
[ ] Referenced to Project Datum

D Casing Length 14.5 ft.
Material Schedule 40 PVC

E Casing Diameter 3 in.

F Depth to Top Perforations 7 ft.

G Perforated Length 7.5 ft.
Perforated Interval from 7 to 14.5 ft.
Perforation Type Machine Slot
Perforation Size 0.020 in.

H Surface Seal from 0 to 1.5 ft.
Seal Material Concrete

I Backfill from 1.5 to 4 ft.
Backfill Material Cement Grout

J Seal from 4 to 5 ft.
Seal Material Bentonite

K Gravel Pack from 5 to 14.5 ft.
Pack Material Lonestar #2/12

L Bottom Seal N/A ft.
Seal Material

M Traffic-rated Christy box with locking cap and lock.

Note: Depths measured from initial ground surface.

GeoStrategies Inc.

Well Construction Detail

WELL NO. S-3

JOB NUMBER	REVIEWED BY RG/DEG	DATE	REVISED DATE	REVISED DATE
766701	DHP	01/91		

DRILLING LOG

Client: **Shell Oil Products Company**

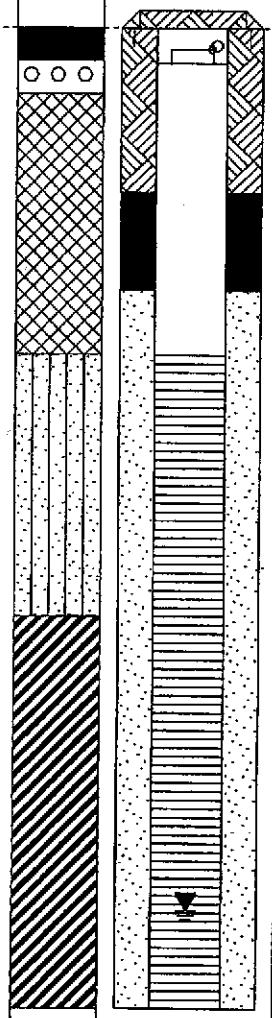
Project No: **240-0715** Phase Task005

Well ID **S-4** Boring ID **SB-2**

Location **350 Grand Avenue Oakland, California**

Surface Elev. **NA ft,** Page **1** of **1**

Depth (feet)	Blow Count	Sample	% Rec	Lithologic Description
0	Ground Surface			
				ASPHALT
				CONCRETE
5				**Gravelly SAND, FILL:** brown to grey; very dense; damp; 10% silt, 50% sand; 40% gravel; no plasticity; high estimated permeability.
				Silty SAND: SM; grey; loose; moist; 40% silt, 60% very fine sand; low plasticity; moderate estimated permeability.
10				**Silty sandy CLAY:** CH; brown; stiff; damp; 70% clay, 15% silt, 15% coarse sand; high plasticity; low estimated permeability.
				Silty CLAY: CH; brown; very stiff; damp; 80% clay, 20% silt; high plasticity, low estimated permeability.
15				



Well Construction Details

T.O.C. Elev. NA

Water level @ 13.5 ft

Bottom of well @ 15.0 ft

Driller **Gregg Drilling**	Development Yield **NA**	Bentonite Seal **4.0' to 2.5'**
Logged By **Maureen Feineman**	Well Casing **0.75"** Dia. **5.0'** to **0.0'**	Sand Pack **15.0' to 4.0'**
Drilling Started **4/16/98**	Casing Type **Schedule 40 PVC**	Sand Pack Type **#2/12 Monterrey Sand**
Drilling Completed **4/16/98**	Well Screen **0.75"** Dia.**15.0'** to **5.0'**	Static Water Level **13.50** ft Depth
Construction Completed **4/16/98**	Screen Type **Slotted Schedule 40 PVC**	Date **NA**
Development Completed **NA**	Slot Size **0.010"**	Notes: **South side of Grand**
Water Bearing Zones **NA**	Drilling Mud **NA**	**Avenue, east of Perkins Street.**
	Grout Type **Portland Type I/II**	

Cambria Environmental Technology, Inc.

DRILLING LOG

Client: **Shell Oil Products Company**

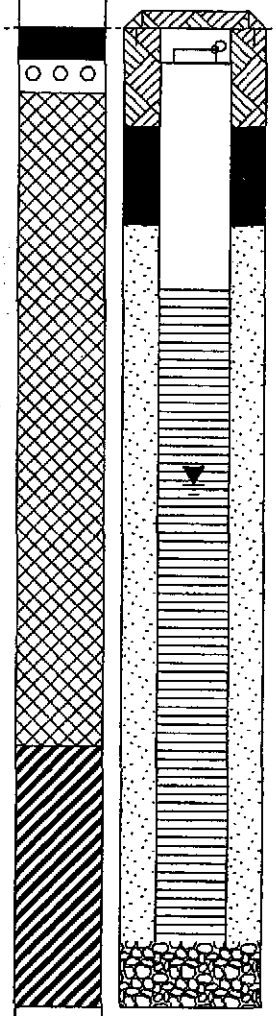
Project No: **240-0715** Phase Task005

Well ID **S-5** Boring ID **SB-1**

Location **350 Grand Avenue Oakland, California**

Surface Elev. **NA ft.** Page 1 of 1

Depth (feet)	Blow Count	Sample	% Rec	Lithologic Description
0	Ground Surface			
				ASPHALT
				CONCRETE
				Silty SAND, FILL; brown; loose; damp; 5% clay; 15% silt; 80% coarse sand; no to low plasticity; moderate to high estimated permeability.
5				
				Wet.
10				
				Silty CLAY; (CH); brown to grey; stiff; damp; 80% clay, 20% silt; high plasticity; low estimated permeability.
15				



Well Construction Details

T.O.C. Elev. NA

Water level @ 7.0 ft

Bottom of well @ 14.0 ft

Bottom of boring @ 15.0 ft

Driller **Gregg Drilling**	Development Yield **NA**	Bentonite Seal **3.0' to 1.5'**
Logged By **Maureen Feineman**	Well Casing **0.75"** Dia. **4.0'** to **0.0'**	Sand Pack **14.0' to 3.0'**
Drilling Started **4/16/98**	Casing Type **Schedule 40 PVC**	Sand Pack Type **#2/12 Monterrey Sand**
Drilling Completed **4/16/98**	Well Screen **0.75"** Dia. **14.0'** to **4.0'**	Static Water Level **7.00** ft Depth
Construction Completed **4/16/98**	Screen Type **Slotted Schedule 40 PVC**	Date **NA**
Development Completed **NA**	Slot Size **0.010"**	Notes: **South side of Grand**
Water Bearing Zones **NA**	Drilling Mud **NA**	**Avenue, west of Perkins Street.**
	Grout Type **Portland Type I/II**	

WELL 24715 6/1/98

Cambria Environmental Technology, Inc.

Cambria Environmental Technology, Inc.
270 Perkins Street
Sonoma, CA 95476
Telephone: 707-935-4850
Fax: 707-935-6649

BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	T-1
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	10-Jul-02
LOCATION	350 Grand Avenue, Oakland, California	**DRILLING COMPLETED**	10-Jul-02
PROJECT NUMBER	0715	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	24.50 ft above msl
DRILLING METHOD	Vacuum	**TOP OF CASING ELEVATION**	24.14 ft above msl
BORING DIAMETER	12"	**SCREENED INTERVAL**	NA
LOGGED BY	J. Gerke	**DEPTH TO WATER (First Encountered)**	7.8 ft (10-Jul-02) ▽
REVIEWED BY	M. Derby, PE# 55475	**DEPTH TO WATER (Static)**	7.71 ft (16-Jul-02) ▼
REMARKS	Located in northwest corner of tank pit.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	SOIL DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							Concrete	1.0	4" diam., Schedule 40 PVC
				5			**FILL**: Pea Gravel.		4"-diam., 0.020" Slotted Schedule 40 PVC
				10				10.5	Bottom of Boring @ 10 ft

WELL LOG (PID) I:\OAKLAN~3\GINT\0715.GPJ DEFAULT.GDT 3/30/06

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270 Perkins Street
Sonoma, CA 95476
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BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	T-2
JOB/SITE NAME	Shell-branded Service Station	**DRILLING STARTED**	10-Jul-02
LOCATION	350 Grand Avenue, Oakland, California	**DRILLING COMPLETED**	10-Jul-02
PROJECT NUMBER	0715	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	24.02 ft above msl
DRILLING METHOD	Vacuum	**TOP OF CASING ELEVATION**	23.55 ft above msl
BORING DIAMETER	12"	**SCREENED INTERVAL**	NA
LOGGED BY	J. Gerke	**DEPTH TO WATER (First Encountered)**	7.8 ft (10-Jul-02) ▽
REVIEWED BY	M. Derby, PE# 55475	**DEPTH TO WATER (Static)**	7.15 ft (16-Jul-02) ▼
REMARKS	Located in southwest corner of tank pit.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	SOIL DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				5			**Concrete**	1.0	4" diam., Schedule 40 PVC
							FILL: Pea Gravel.		4"-diam., 0.020" Slotted Schedule 40 PVC
								9.5	Bottom of Boring @ 9 ft

WELL LOG (PID) I:\OAKLAN~3\GINT\0715.GPJ DEFAULT.GDT 3/30/06