

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

ALEX BRISCOE, Director



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

December 23, 2014

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

Anabi Real Estate Development LLC
Attn: Rene Anabi
1041 North Benson Avenue
Upland, CA 91786-2157

Subject: Case Closure for Fuel Leak Case No. RO0000363 and GeoTracker Global ID T0600101257, Shell#13-5784, 3790 Hopyard Road, Pleasanton, CA 94566

Dear Mr. Pineda:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25296.10[g]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Environmental Health (ACEH) is required to use this case closure letter for all UST leak sites. We are also transmitting to you the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. The subject fuel leak case is closed. This case closure letter and the case closure summary can also be viewed on the State Water Resources Control Board's Geotracker website (<http://geotracker.waterboards.ca.gov>) and the Alameda County Environmental Health website (<http://www.acgov.org/aceh/index.htm>).

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

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

Sincerely,

A handwritten signature in blue ink that reads "Dilan Roe". The signature is written in a cursive, slightly slanted style.

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

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

Responsible Parties

RO0000363

December 23, 2014, Page 2

Cc w/enc.:

Danielle Stefani, Livermore Pleasanton Fire Department, 3560 Nevada St, Pleasanton, CA 94566 (*Sent via E-mail to: dstefani@lpfire.org*)

Colleen Winey (QIC 8021), Zone 7 Water Agency, 100 North Canyons Pkwy, Livermore, CA 94551 (*Sent via E-mail to: cwiney@zone7water.com*)

Peter Schaefer, Conestoga-Rovers & Associates, 5900 Hollis Street, Suite A, Emeryville, CA 94608 2032 (*Sent via E-mail to: pschaefer@croworld.com*)

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

ALAMEDA COUNTY
**HEALTH CARE SERVICES
AGENCY**

ALEX BRISCOE, Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH
OFFICE OF THE DIRECTOR
1131 HARBOR BAY PARKWAY
ALAMEDA, CA 94502
(510) 567-6777
FAX (510) 337-9135

REMEDIAL ACTION COMPLETION CERTIFICATION

December 23, 2014

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

Anabi Real Estate Development LLC
Attn: Rene Anabi
1041 North Benson Avenue
Upland, CA 91786-2157

Subject: Case Closure for Fuel Leak Case No. RO0000363 and GeoTracker Global ID T0600101257, Shell#13-5784, 3790 Hopyard Road, Pleasanton, CA 94566

Dear Mr. Pineda:

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

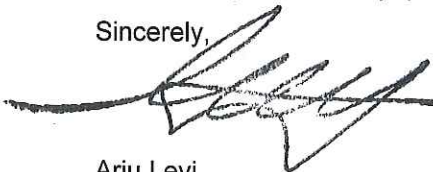
Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance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

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

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

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

Sincerely,



Ariu Levi
Director

UST Case Closure Summary Form

Agency Information

Date: November 3, 2014

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

Case Information

Facility Name: Shell #13-5784		
Facility Address: 3790 Hopyard Road, Pleasanton, CA 94556		
RB LUSTIS Case No: ----	Local Case No.: ----	LOP Case No.: RO0000363
URF Filing Date: 03/07/2007	GeoTracker Global ID: T0600101257	
APN: 941-1309-35	Current Land Use: Active Fueling Station	
Responsible Party(s):	Address:	Phone:
Perry Pineda Shell Oil Products US	20945 S. Wilmington Ave. Carson, CA 90810-1039	(425) 413-1164
Anabi Real Estate Development LLC Attn: Rene Anabi	1041 North Benson Avenue Upland, CA 91786-2157	No phone number

Tank Information

Tank No.	Size (gal)	Contents	Closed in-Place/ Removed/Active	Date
----	550	Waste Oil	Removed	2/14/2007

Conceptual Site Model (Attachment 1, 2 pages)

Closure Criteria Met (Attachment 2, # pages)

LTCP Groundwater Specific Criteria (Attachment 3, 1 page)

LTCP Vapor Specific Criteria (Attachment 4, 1 page)

LTCP Direct Contact and Outdoor Air Exposure Criteria (Attachment 5, 1 page)

Site Maps (Attachment 6, 6 pages)

Analytical Data (Attachment 7, 49 pages)

UST Case Closure Summary Form

Additional Information:

Site Management Requirements: This fuel leak case has been evaluated for closure consistent with the State Water Resource Control Board Low-Threat Underground Storage Tank Closure Policy (LTCP). Residual total petroleum hydrocarbons as gasoline and benzene are present in shallow soil (2.5 feet bgs) at concentrations up to 950 and 5.0 mg/kg, respectively. Benzene was detected in soil vapor at concentrations up to 13,000 µg/m³. Under the current land use as an active fueling station, the site is not required to meet media-specific criteria for vapor intrusion to indoor air and most of the site is paved with minor landscaped areas near the site boundaries resulting in a low potential for direct contact exposure under the current land use. Therefore, case closure is granted for the current commercial land use as an active fueling station.

If a change in land use to any residential, or conservative land use, or if any redevelopment occurs, Alameda County Environmental health (ACEH) must be notified as required by Government Code Section 65850.2.2. ACEH will re-evaluate the case upon receipt of approved development/construction plans.




Excavation or construction activities in areas of residual contamination require planning and implementation of appropriate health and safety procedures by the responsible party prior to and during excavation and construction activities.

RWQCB Notification

Notification Date: October 6, 2014

RWQCB Staff Name: Cherie McCaulou	Title: Engineering Geologist
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Local Agency Representative

Prepared by: Jerry Wickham	Title: Senior Hazardous Materials Specialist
Signature: 	Date: 11/25/2014
Approved by:  Dian Roe	Title: LOP and SCP Program Manager
Signature: 	Date: 11/25/2014

This Case Closure Summary along with the Case Closure Transmittal letter and the Remedial Action Completion Certification provides documentation of the case closure. 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. The Conceptual Site Model may not contain all available data. Additional information on the case can be viewed in the online case file. The entire case file can be viewed over the Internet on the Alameda County Environmental Health (ACEH) website (<http://www.acgov.org/aceh/lop/ust.htm>) or the State of California Water Resources Control Board GeoTracker website (<http://geotracker.waterboards.ca.gov>). Not all historic documents for the fuel leak case may be available on GeoTracker. A more complete historic case file for this site is located on the ACEH website.

ATTACHMENT 1

CSM REPORT FOR PUBLIC NOTICING

PROJECT INFORMATION (DATA PULLED FROM GEOTRACKER) - [MAP THIS SITE](#)

SITE NAME / ADDRESS	STATUS	STATUS DATE	RELEASE REPORT DATE	AGE OF CASE	CLEANUP OVERSIGHT AGENCIES
SHELL #13-5784 (Global ID: T0600101257) 3790 HOPYARD PLEASANTON, CA 94566	Open - Eligible for Closure	10/21/2014	9/18/1986	28	ALAMEDA COUNTY LOP (LEAD) - CASE #: RC0000363 CASEWORKER: Jerry Wickham - SUPERVISOR: DILAN R SAN FRANCISCO BAY RWQCB (REGION 2) - CASE #: 01-1362 CASEWORKER: Cherie McCaulou - SUPERVISOR: Cheryl

SITE HISTORY

The site is an active retail service station at the intersection of Hopyard Road and Las Positas Boulevard. Site assessment activities have been conducted since 1987. Source area remediation using magnesium attempted but was not successful. The site appears to be eligible for closure under the State Water Resources Control Board Low-threat Closure Policy. A public comment period on potential closure of the case December 8, 2014.

RESPONSIBLE PARTIES

NAME	ORGANIZATION	ADDRESS	CITY
C/O STEWART TITLE CO	EQUILON ENTERPRISES LLC	1980 POST OAK BLVD #110	HOUSTON
PERRY PINEDA	Shell Oil Products US	20945 S. WILMINGTON AVE	CARSON
RENE ANABI	ANABI REAL ESTATE DEVELOPMENT LLC	1040 NORTH BENSON AVENUE	UPLAND

CLEANUP ACTION INFO

ACTION TYPE	BEGIN DATE	END DATE	PHASE	CONTAMINANT MASS REMOVED	DESCR
IN SITU PHYSICAL/CHEMICAL TREATMENT (OTHER THAN SVE)	5/1/2010	8/15/2010			Magnes sulfate i
PUMP & TREAT (P&T) GROUNDWATER	5/14/2001	5/6/2006	Water		GROUN EXTRA SYSTE

RISK INFORMATION

CONTAMINANTS OF CONCERN	CURRENT LAND USE	BENEFICIAL USE	DISCHARGE SOURCE	DATE REPORTED	STOP METHOD	NEARBY / IMPACT
Gasoline	Commercial	GW - Municipal and Domestic Supply		9/18/1986	Other Means	0
FREE PRODUCT	OTHER CONSTITUENTS	NAME OF WATER SYSTEM	LAST REGULATORY ACTIVITY	LAST ESI UPLOAD	LAST EDF UPLOAD	EXPECTED CLOSURE DATE
NO	NO	City of Pleasanton; however, groundwater in the area is used for drinking water	10/6/2014	10/29/2014	10/29/2014	9/6/20

CDPH WELLS WITHIN 1500 FEET OF THIS SITE

WELL NAME	STATE WELL #	STATUS	SOURCE	# TIMES SAMPLED	DIST TO WE
WELL 07 - INACTIVE	0110008-003	Inactive Raw	G	31	1443 feet

CALCULATED FIELDS (BASED ON LATITUDE / LONGITUDE)

APN	GW BASIN NAME	WATERSHED NAME
941 130903500	Livermore Valley (2-10)	South Bay - Alameda Creek (20430)

COUNTY

Alameda

PUBLIC WATER SYSTEM(S)

- CITY OF PLEASANTON - P.O. BOX 520, PLEASANTON, CA 94566
- ZONE 7 WATER AGENCY - 100 N CANYON PKWY, LIVERMORE, CA 94551-948

MOST RECENT CONCENTRATIONS OF PETROLEUM CONSTITUENTS IN GROUNDWATER - [SHOWHIDE](#)

FIELD PT NAME	DATE	TPHs	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	VIEW ES
11232WVFF	6/30/2008		<0.5 UG/L	<0.5 UG/L	<0.5 UG/L	<0.5 UG/L	<0.5 UG/L	
11232WVNF	6/30/2008		2800 UG/L	1300 UG/L	710 UG/L	1800 UG/L	<20 UG/L	
11232WVMD1	6/30/2008		<0.5 UG/L	<0.5 UG/L	<0.5 UG/L	<0.5 UG/L	<0.5 UG/L	
CPT-1	11/25/2002	ND	ND	ND	ND	ND	ND	
CPT-5A	9/9/2005	ND	ND	ND	ND	ND	ND	
EFF	1/7/2005	ND	ND	ND	ND	ND	ND	
EFFLUENT	11/21/2007	<50 UG/L	<0.5 UG/L	<1 UG/L	<1 UG/L	ND	<1 UG/L	
INF	1/7/2005	ND	0.95 UG/L	ND	ND	ND	18 UG/L	
INFLUENT	5/4/2006	ND	1.7 UG/L	1 UG/L	0.6 UG/L	ND	25 UG/L	
MID-1	11/21/2007	<50 UG/L	<0.5 UG/L	<1 UG/L	<1 UG/L	ND	<1 UG/L	31
MID-2	11/21/2007	<50 UG/L	<0.5 UG/L	<1 UG/L	<1 UG/L	ND	<1 UG/L	
S-10	1/4/2013	ND	ND	ND	ND	ND	ND	
S-11	6/6/2014	ND	ND	ND	ND	ND	7.3 UG/L	
S-12	6/6/2014	ND	ND	ND	ND	ND	ND	
S-14	1/4/2013	ND	ND	ND	ND	ND	ND	
S-15	1/4/2013	ND	ND	ND	ND	ND	ND	
S-2	1/6/2012	ND	ND	ND	ND	ND	ND	
S-3	1/4/2013	6.7 UG/L	0.53 UG/L	5.6 UG/L	1.1 UG/L	9.1 UG/L	57	
S-4	1/4/2013	ND	ND	ND	ND	ND	ND	
S-5	6/6/2014	ND	1.9 UG/L	ND	ND	ND	2.6 UG/L	27
S-5B	6/6/2014	ND	ND	ND	ND	ND	9.5 UG/L	
S-5C	6/6/2014	ND	4.4 UG/L	2.9 UG/L	3.5 UG/L	1.5 UG/L	ND	34
S-6	6/6/2014	ND	ND	ND	ND	17 UG/L	0.72 UG/L	
S-7	6/6/2014	ND	ND	ND	ND	ND	5.8 UG/L	120
S-8	11/8/2013	ND	ND	ND	ND	ND	3.3 UG/L	
S-9	6/6/2014	ND	ND	ND	ND	ND	2.2 UG/L	
S-9B	6/6/2014	ND	ND	ND	ND	ND	5.5 UG/L	
S-9C	6/6/2014	ND	ND	ND	ND	ND	2.8 UG/L	
SB-12	10/6/2004	ND	37 UG/L	ND	460 UG/L	ND	2600 UG/L	950
SB-13	10/7/2004	ND	ND	ND	3300 UG/L	ND	10000 UG/L	820
SB-5-W	10/8/2004	ND	14 UG/L	1.1 UG/L	150 UG/L	7.9 UG/L	45 UG/L	29
SB-7-W	10/8/2004	ND	15 UG/L	ND	46 UG/L	ND	67 UG/L	160
SB-9	10/7/2004	ND	17 UG/L	5.2 UG/L	91 UG/L	57 UG/L	390 UG/L	300
SR-1	1/4/2013	ND	ND	ND	ND	ND	4.4 UG/L	16
SR-2	1/4/2013	ND	ND	ND	ND	ND	1.1 UG/L	
SR-3	1/4/2013	ND	ND	ND	ND	ND	1.4 UG/L	
T-1	6/18/2002	ND	ND	ND	ND	ND	20000 UG/L	60
T-2	1/6/2005	ND	0.83 UG/L	ND	ND	ND	3 UG/L	10
T-4	1/6/2005	ND	ND	ND	ND	3.5 UG/L	9.6 UG/L	

MOST RECENT CONCENTRATIONS OF PETROLEUM CONSTITUENTS IN SOIL - [SHOWHIDE](#)

FIELD PT NAME	DATE	TPHs	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	VIEW ES
D-1	7/26/2002	ND	ND	ND	ND	ND	ND	I
D-2	7/26/2002	ND	ND	ND	ND	ND	ND	
D-3	7/26/2002	4 MG/KG	ND	ND	ND	ND	ND	
D-4	7/26/2002	1.8 MG/KG	ND	ND	0.012 MG/KG	0.011 MG/KG	ND	
DR-1	5/21/2010	2000 UG/KG	ND	ND	0.053 MG/KG	0.018 MG/KG	ND	
P-1	7/26/2002	260 MG/KG	0.079 MG/KG	0.072 MG/KG	0.48 MG/KG	1.1 MG/KG	ND	
P-2	7/26/2002	ND	ND	ND	ND	ND	ND	
P-3	7/26/2002	10 MG/KG	0.0083 MG/KG	ND	0.26 MG/KG	ND	ND	
S-11	8/26/2002	ND	ND	ND	ND	ND	ND	
S-12	9/19/2002	ND	ND	ND	ND	ND	ND	
SB-10	10/7/2004	ND	ND	ND	4 MG/KG	0.019 MG/KG	1.2 MG/KG	3.6
SB-11	10/6/2004	ND	ND	ND	ND	ND	0.055 MG/KG	0.057
SB-12	10/7/2004	ND	0.055 MG/KG	ND	0.049 MG/KG	0.0059 MG/KG	0.067 MG/KG	14.1
SB-13	10/6/2004	ND	0.0089 MG/KG	0.71 MG/KG	1.8 MG/KG	2.7 MG/KG	0.63 MG/KG	8.6
SB-14	10/7/2004	ND	0.043 MG/KG	ND	0.0099 MG/KG	0.013 MG/KG	0.076 MG/KG	0.047
SB-15	10/7/2004	ND	0.052 MG/KG	ND	0.56 MG/KG	0.077 MG/KG	0.8 MG/KG	3.0
SB-16	10/6/2004	ND	ND	ND	9.5 MG/KG	3.8 MG/KG	1.2 MG/KG	3.4
SB-2	10/4/2004	ND	0.015 MG/KG	ND	ND	ND	ND	
SB-2-10.0	10/8/2004	ND	ND	ND	0.0091 MG/KG	0.026 MG/KG	0.0053 MG/KG	
SB-2-15.0	10/8/2004	ND	ND	ND	ND	ND	0.011 MG/KG	0.012
SB-2-19.5	10/8/2004	ND	ND	ND	ND	ND	0.34 MG/KG	0.14
SB-2-25.0	10/8/2004	ND	ND	ND	15 MG/KG	1 MG/KG	4.1 MG/KG	
					ND	ND	0.12 MG/KG	1.8

FIELD PT NAME	DATE	TPHs	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	
SB-3	10/5/2004		5 MG/KG	51 MG/KG	20 MG/KG	110 MG/KG	ND	1
SB-3-10.0	10/8/2004		0.85 MG/KG	1.2 MG/KG	0.3 MG/KG	1.5 MG/KG	ND	1
SB-3-15.5	10/8/2004		0.047 MG/KG	0.15 MG/KG	0.029 MG/KG	0.15 MG/KG	ND	0.017
SB-3-19.5	10/8/2004		0.04 MG/KG	0.05 MG/KG	ND	0.072 MG/KG	0.034 MG/KG	0.32
SB-3-25.0	10/8/2004		ND	0.17 MG/KG	0.08 MG/KG	0.59 MG/KG	ND	1
SB-4	10/4/2004		0.19 MG/KG	ND	3.3 MG/KG	0.0098 MG/KG	ND	1
SB-4-10.0	10/8/2004		0.019 MG/KG	ND	0.011 MG/KG	0.072 MG/KG	ND	0.012
SB-4-15.0	10/8/2004		ND	ND	ND	0.012 MG/KG	ND	0.016
SB-4-19.5	10/8/2004		ND	ND	ND	ND	ND	1
SB-4-25.5	10/8/2004		ND	ND	ND	ND	ND	1
SB-5	10/4/2004		0.046 MG/KG	ND	0.076 MG/KG	0.15 MG/KG	0.007 MG/KG	0.011
SB-5-15	10/8/2004		0.6 MG/KG	ND	ND	ND	0.92 MG/KG	1
SB-5-9.5	10/8/2004		0.011 MG/KG	ND	ND	0.015 MG/KG	0.0081 MG/KG	0.029
SB-7	10/7/2004		0.022 MG/KG	ND	0.25 MG/KG	0.015 MG/KG	0.12 MG/KG	0.28
SB-8-10.0	10/8/2004		ND	ND	ND	ND	0.07 MG/KG	0.11
SB-8-5.0	10/8/2004		ND	ND	ND	ND	ND	14.1
SB-9	10/7/2004		ND	ND	ND	ND	ND	1
SP-1	10/6/2004		ND	ND	ND	ND	ND	1
SP-2	8/26/2002		ND	ND	ND	ND	ND	1
SP-2A	8/26/2002	ND						
SP-2B	8/26/2002	ND						
SP-2C	8/26/2002	ND						
SP-2D	8/26/2002	ND						

MOST RECENT GEO_WELL DATA - SHOWHIDE

[VIEW ES](#)

FIELD PT NAME	DATE	DEPTH TO WATER (FT)	SHEEN	DEPTH TO FREE PRODUCT (FT)
C-1	6/6/2014	31	N	
S-10	6/6/2014	16.1	N	
S-11	6/6/2014	19.12	N	
S-12	6/6/2014	17.95	N	
S-14	6/6/2014	19.17	N	
S-15	6/6/2014		N	
S-2	6/6/2014	16.15	N	
S-3	6/6/2014	14.43	N	
S-4	6/6/2014	15.97	N	
S-5	6/6/2014	18.43	N	
S-5B	6/6/2014	52.56	N	
S-5C	6/6/2014	52.48	N	
S-6	6/6/2014	16.2	N	
S-7	6/6/2014	18.99	N	
S-8	6/6/2014	16.17	N	
S-9	6/6/2014	20.34	N	
S-9B	6/6/2014	52.64	N	
S-9C	6/6/2014	52.17	N	
SR-1	6/6/2014	18.62	N	
SR-2	6/6/2014	16.07	N	
SR-3	6/6/2014	14.9	N	
T-1	6/18/2002	12.21	U	
T-2	4/14/2005			
T-3	6/18/2002		U	
T-4	4/14/2005			

ATTACHMENT 2

LTCP Checklist

[GEOTRACKER HOME](#) | [MANAGE PROJECTS](#) | [REPORTS](#) | [SEARCH](#) | [LOGOUT](#)

SHELL #13-5784 (T0600101257) - [MAP THIS SITE](#)

OPEN - ELIGIBLE FOR CLOSURE

3790 HOPYARD
PLEASANTON, CA 94566
ALAMEDA COUNTY

[ACTIVITIES REPORT](#)

[PUBLIC WEBPAGE](#)

[VIEW PRINTABLE CASE SUMMARY FOR THIS SITE](#)

CLEANUP OVERSIGHT AGENCIES

ALAMEDA COUNTY LOP (LEAD) - CASE #: RO0000363

CASEWORKER: [Jerry Wickham](#) - SUPERVISOR: [DILAN ROE](#)

SAN FRANCISCO BAY RWQCB (REGION 2) - CASE #: 01-1362

CASEWORKER: [Cherie McCaulou](#) - SUPERVISOR: [Cheryl L. Prowell](#)

CUF Claim #: 5003 CUF Priority Assigned: D CUF Amount Paid: [\\$957,669](#)

THIS PROJECT WAS LAST MODIFIED BY [JERRY WICKHAM](#) ON 11/5/2014 9:28:47 AM - [HISTORY](#)

THIS SITE HAS UNAPPROVED SUBMITTALS. CLICK [HERE](#) TO OPEN A NEW WINDOW WITH THE SUBMITTAL APPROVAL PAGE FOR THIS SITE.

CLOSURE POLICY *THIS VERSION IS FINAL AS OF 11/5/2014* CHECKLIST INITIATED ON 12/6/2012 [CLOSURE POLICY HISTORY](#)

General Criteria - The site satisfies the policy general criteria - [CLEAR SECTION ANSWERS](#)

a. Is the unauthorized release located within the service area of a public water system?

Name of Water System :

YES NO

b. The unauthorized release consists only of petroleum ([info](#)).

YES NO

c. The unauthorized ("primary") release from the UST system has been stopped.

YES NO

d. Free product has been removed to the maximum extent practicable ([info](#)).

FP Not Encountered YES NO

e. A conceptual site model that assesses the nature, extent, and mobility of the release has been developed ([info](#)).

YES NO

f. Secondary source has been removed to the extent practicable ([info](#)).

YES NO

g. Soil or groundwater has been tested for MTBE and results reported in accordance with Health and Safety Code Section 25296.15.

Not Required YES NO

h. Does a nuisance exist, as defined by [Water Code section 13050](#).

YES NO

1. Media-Specific Criteria: Groundwater - The contaminant plume that exceeds water quality objectives is stable or decreasing in areal extent, and meets all of the additional characteristics of one of the five classes of sites listed below. - [CLEAR SECTION ANSWERS](#)

EXEMPTION - Soil Only Case (Release has not Affected Groundwater - [Info](#))

YES NO

Does the site meet any of the Groundwater specific criteria scenarios?

YES NO

1.5 - The regulatory agency determines, based on an analysis of site specific conditions, that the site under current and reasonably anticipated near-term future scenarios, the contaminant plume poses a low threat to human health and safety and to the environment and water quality objectives will be achieved within a reasonable time frame.

YES NO

2. Media Specific Criteria: Petroleum Vapor Intrusion to Indoor Air - The site is considered low-threat for the vapor-intrusion-to-air pathway if site-specific conditions satisfy items 2a, 2b, or 2c - [CLEAR SECTION ANSWERS](#)

EXEMPTION - Active Commercial Petroleum Fueling Facility

YES NO

3. Media Specific Criteria: Direct Contact and Outdoor Air Exposure - The site is considered low-threat for direct contact and outdoor air exposure if it meets 1, 2, or 3 below. - [CLEAR SECTION ANSWERS](#)

EXEMPTION - The upper 10 feet of soil is free of petroleum contamination

YES NO

Does the site meet any of the Direct Contact and Outdoor Air Exposure criteria scenarios?

YES NO

3.3 - The regulatory agency has determined the concentration of petroleum constituents in soil will have no significant risk or adversely affect human health.

YES NO

Additional Information

This case should be kept OPEN in spite of meeting policy criteria.

YES NO

Has this LTCP Checklist been updated for FY 14/15?

YES NO

[SPELL CHECK](#)

LOGGED IN AS JWICKHAM

[CONTACT GEOTRACKER HELP](#)

ATTACHMENT 3

**ATTACHMENT 3
LTCP GROUNDWATER SPECIFIC CRITERIA**

LTCP Groundwater Specific Scenario under which case was closed: Scenario 5

Site Data		LTCP Scenario 1 Criteria	LTCP Scenario 2 Criteria	LTCP Scenario 3 Criteria	LTCP Scenario 4 Criteria
Plume Length	Estimated 400 feet	<100 feet	<250 feet	<250 feet	<1,000 feet
Free Product	No free product	No free product	No free product	Removed to maximum extent practicable	No free product
Plume Stable or Decreasing	Stable or Decreasing	Stable or decreasing	Stable or decreasing	Stable or decreasing for minimum of 5 Years	Stable or decreasing
Distance to Nearest Water Supply Well	1,130 feet downgradient	>250 feet	>1,000 feet	>1,000 feet	>1,000 feet
Distance to Nearest Surface Water and Direction	120 feet downgradient	>250 feet	>1,000 feet	>1,000 feet	>1,000 feet
Property Owner Willing to Accept a Land Use Restriction?	Not applicable	Not applicable	Not applicable	Yes	Not applicable

GROUNDWATER CONCENTRATIONS

Constituent	Historic Site Maximum (µg/L)	Current Site Maximum (µg/L)	LTCP Scenario 1 Criteria (µg/L)	LTCP Scenario 2 Criteria (µg/L)	LTCP Scenario 3 Criteria (µg/L)	LTCP Scenario 4 Criteria (µg/L)
Benzene	1,300	27	No criteria	3,000	No criteria	1,000
MTBE	100,000	87	No criteria	1,000	No criteria	1,000
TBA	18,000	680	No criteria	No criteria	No criteria	No criteria

Scenario 5: If the site does not meet scenarios 1 through 4, has a determination been made that under current and reasonably expected future scenarios, the contaminant plume poses a low threat to human health and safety and to the environment and water quality objectives will be achieved within a reasonable time frame?

Yes

Comments: A plume of MTBE extends from the site to downgradient well (S-9), which is approximately 160 feet from a point at which groundwater could potentially discharge to Canal Arroyo Mocho. MTBE concentrations in groundwater from Well S-9 have progressively decreased from 340 µg/L in January 2005 to 6.5 µg/L in June 2014. Based on the expected natural attenuation of MTBE between well S-9 and Canal Arroyo Mocho and the consistent trend in groundwater concentrations at the downgradient edge of the plume, groundwater is not expected to discharge to Canal Arroyo Mocho at concentrations above the water quality objective of 5 µg/L.

Water Supply Wells in Vicinity: One abandoned water supply well is located either on site or immediately downgradient of the site. The well was believed to be a farm well that was 12 inches in diameter and 172 feet deep. The well could not be located and is considered closed by the Zone 7 Water Agency. One active municipal water supply well (Hopyard No. 6) is located approximately 1,130 feet southeast of the downgradient edge of the plume. Two additional wells of unknown use are located approximately 1,900 feet southeast of the downgradient edge of the plume. Based on the distance from the site and decreasing size of the plume, these water supply wells are not expected to be receptors for the site.

ATTACHMENT 4

**ATTACHMENT 4
LTCP VAPOR SPECIFIC CRITERIA**

LTCP Vapor Specific Scenario under which case was closed: Active fueling station exempt from vapor specific criteria

Active Fueling Station	Active as of October 2, 2014						
Site Data		LTCP Scenario 1 Criteria	LTCP Scenario 2 Criteria	LTCP Scenario 3A Criteria	LTCP Scenario 3B Criteria	LTCP Scenario 3C Criteria	LTCP Scenario 4 Criteria
Unweathered LNAPL	No LNAPL	LNAPL in groundwater	LNAPL in soil	No LNAPL	No LNAPL	No LNAPL	No criteria
Thickness of Bioattenuation Zone Beneath Foundation	<5 feet*	≥30 feet	≥30 feet	≥5 feet	≥10 feet	≥5 feet	≥5 feet
Total TPH in Soil in Bioattenuation Zone	<100 mg/kg	<100 mg/kg	<100 mg/kg	<100 mg/kg	<100 mg/kg	<100 mg/kg	<100 mg/kg
Maximum Current Benzene Concentration in Groundwater	27 µg/L	No criteria	No criteria	<100 µg/L	≥100 and <1,000 µg/L	<1,000 µg/L	No criteria
Oxygen Data within Bioattenuation Zone	No oxygen data	No criteria	No criteria	No oxygen data or <4%	No oxygen data or <4%	≥4% at lower end of zone	≥4% at lower end of zone
Depth of soil vapor measurement beneath foundation	Estimated 15 feet	No criteria	No criteria	No criteria	No criteria	No criteria	≥5 feet

SCENARIO 4 DIRECT MEASUREMENT OF SOIL VAPOR CONCENTRATIONS

Site Soil Vapor Data			No Bioattenuation Zone		Bioattenuation Zone	
Constituent	Historic Maximum (µg/m ³)	Current Maximum (µg/m ³)	Residential	Commercial	Residential	Commercial
Benzene	13,000	----	<85	<280	<85,000	<280,000
Ethylbenzene	<4,300	----	<1,100	<3,600	<1,100,000	<3,600,000
Naphthalene	----	----	<93	<310	<93,000	<310,000

If the site does not meet scenarios 1 through 4, does a site-specific risk assessment for the vapor intrusion pathway demonstrate that human health is protected?	----
If the site does not meet scenarios 1 through 4, has a determination been made that petroleum vapors from soil or groundwater will have no significant risk of adversely affecting human health?	----

Comments: *Total petroleum hydrocarbons as gasoline were detected at concentrations up to 950 mg/kg at a depth of 2.5 feet bgs in the area of the dispensers.

ATTACHMENT 5

**ATTACHMENT 5
LTCP DIRECT CONTACT AND OUTDOOR AIR EXPOSURE CRITERIA**

LTCP Direct Contact and Outdoor Air Exposure Specific Scenario under which case was closed: A determination has been made that the concentrations of petroleum in soil will have no significant risk of adversely affecting human health as a result of controlling exposure through the use of mitigation measures or through the use of institutional controls.

Are maximum concentrations less than those in Table 1 below? **No**

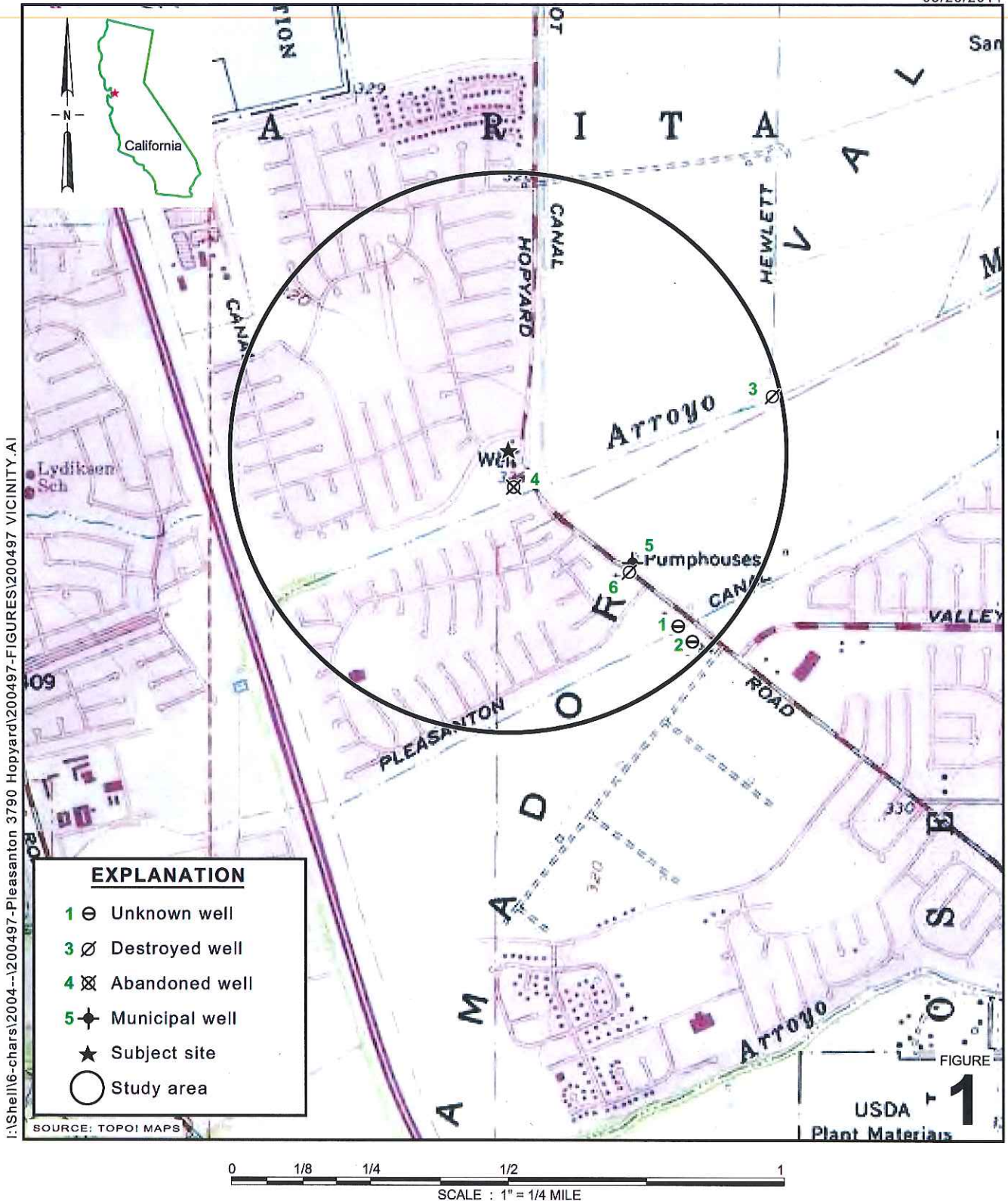
Constituent		Residential		Commercial/Industrial		Utility Worker
		0 to 5 feet bgs (mg/kg)	Volatilization to outdoor air (5 to 10 feet bgs) mg/kg	0 to 5 feet bgs (mg/kg)	Volatilization to outdoor air (5 to 10 feet bgs) mg/kg	0 to 10 feet bgs (mg/kg)
Site Maximum	Benzene	5.0	2.7	5.0	2.7	5.0
LTCP Criteria	Benzene	≤1.9	≤2.8	≤8.2	≤12	≤14
Site Maximum	Ethylbenzene	20	4.7	20	4.7	20
LTCP Criteria	Ethylbenzene	≤21	≤32	≤89	≤134	≤314
Site Maximum	Naphthalene	----	----	----	----	----
LTCP Criteria	Naphthalene	≤9.7	≤9.7	≤45	≤45	≤219
Site Maximum	PAHs	----	----	----	----	----
LTCP Criteria	PAHs	≤0.063	NA	≤0.68	NA	≤4.5

If maximum concentrations are greater than those in Table 1, are they less than levels from a site-specific risk assessment? **----**

If maximum concentrations are greater than those in Table 1, has a determination been made that the concentrations of petroleum in soil will have no significant risk of adversely affecting human health as a result of controlling exposure through the use of mitigation measures or through the use of institutional controls? **Yes**

Comments: The maximum concentrations of petroleum hydrocarbons are less than or equal to those in Table 1 for commercial/industrial land use. The site will be closed with a site management requirement requiring further evaluation if a change in land use to any residential, commercial other than as a commercial fueling station, or conservative land use, or if any redevelopment occurs.

ATTACHMENT 6



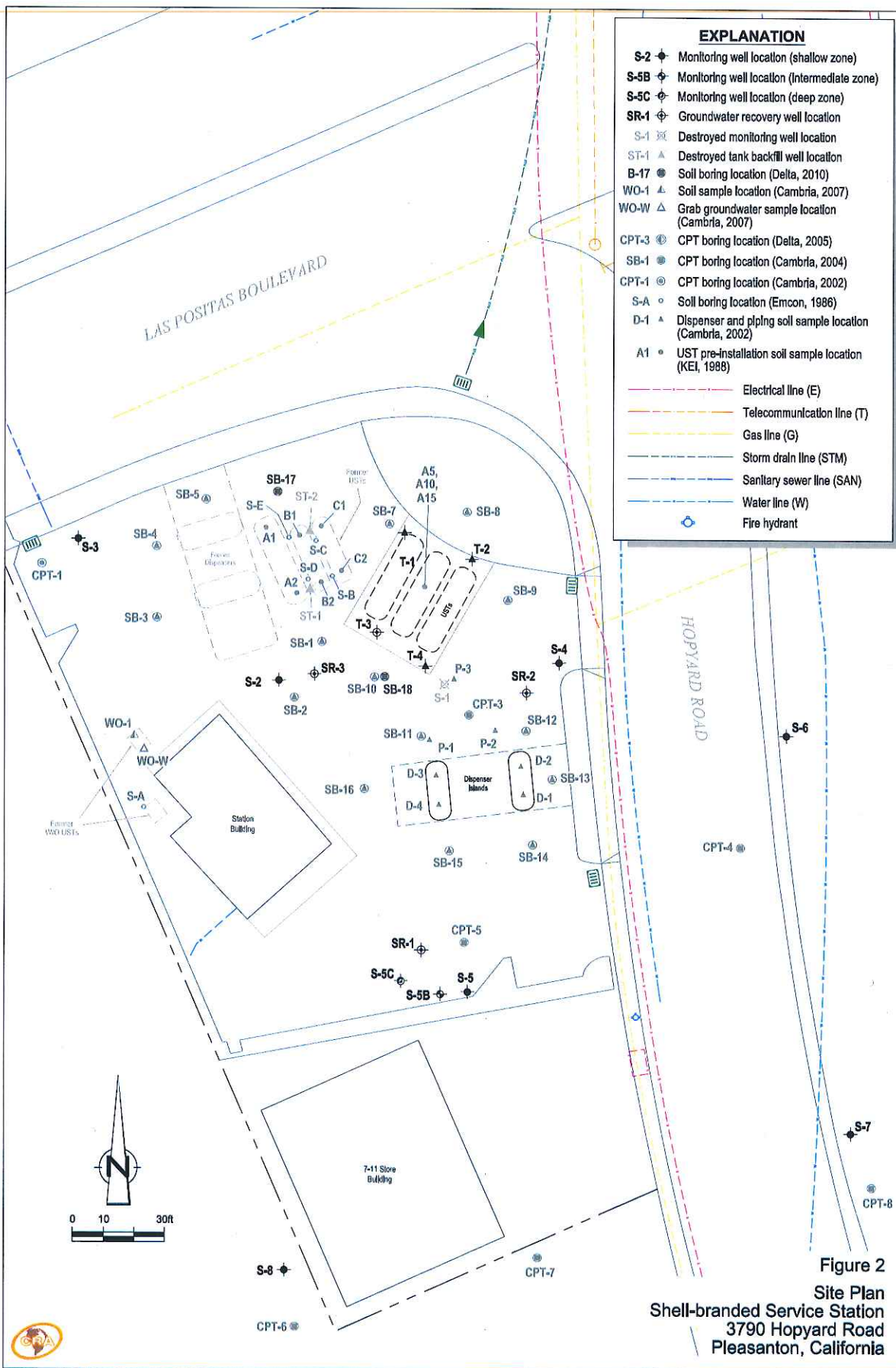
I:\Shell\16-chars\2004--\200497-Pleasanton 3790 Hopyard\200497-FIGURES\200497 VICINITY.A1

Shell-branded Service Station
 3790 Hopyard Road
 Pleasanton, California



**CONESTOGA-ROVERS
 & ASSOCIATES**

Vicinity Map



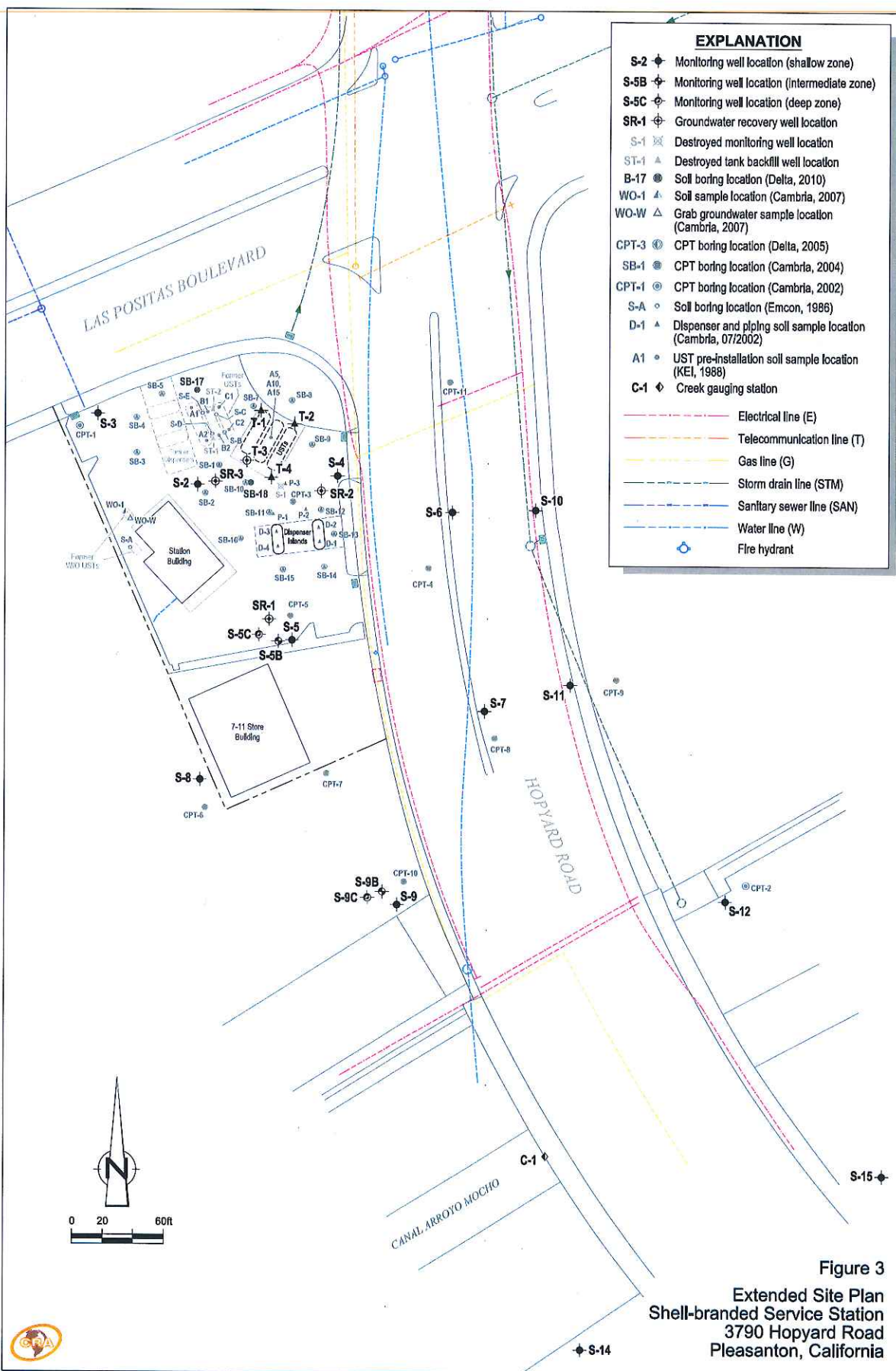


Figure 3
 Extended Site Plan
 Shell-branded Service Station
 3790 Hopyard Road
 Pleasanton, California

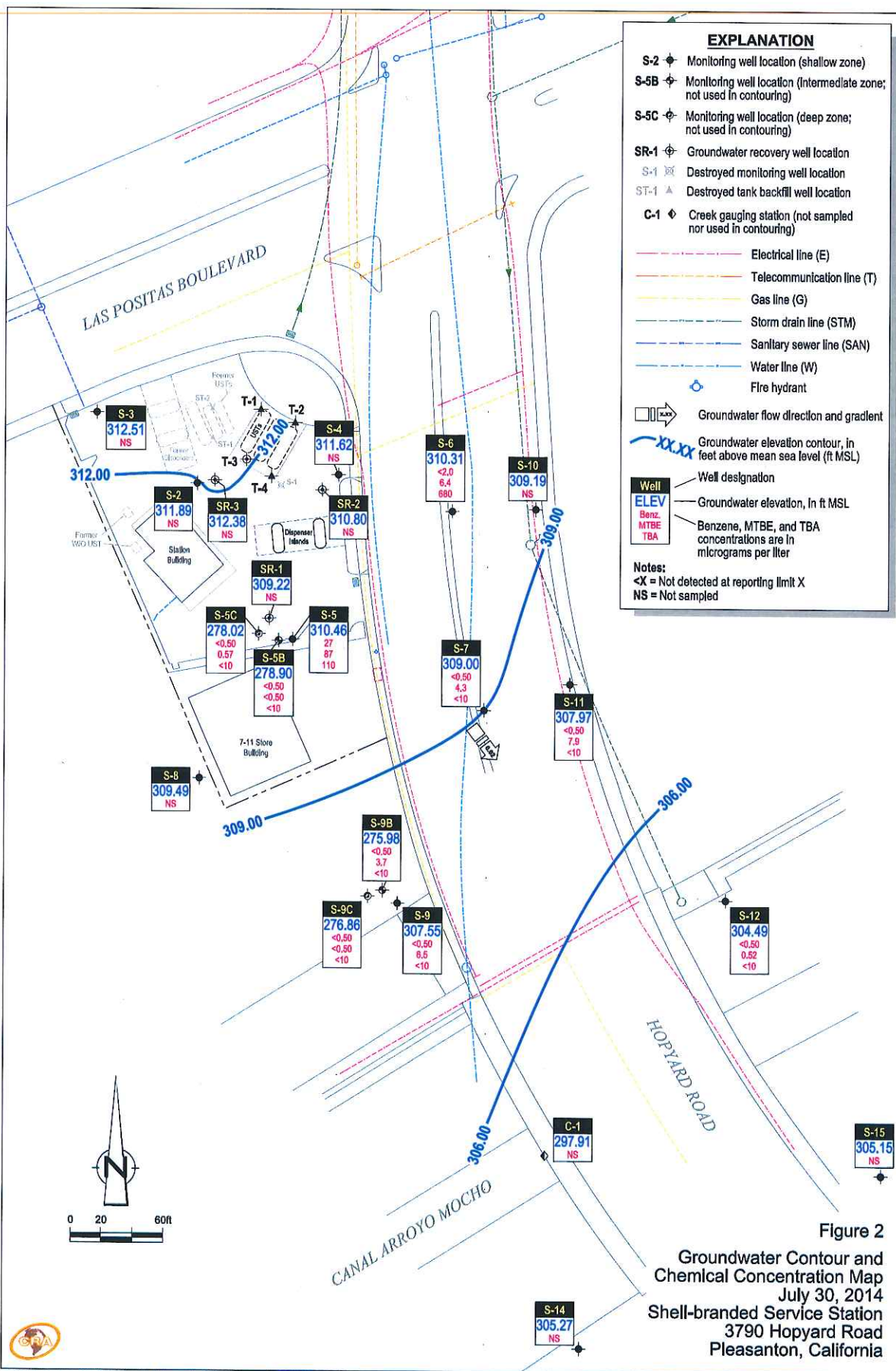


Figure 2
 Groundwater Contour and
 Chemical Concentration Map
 July 30, 2014
 Shell-branded Service Station
 3790 Hopyard Road
 Pleasanton, California

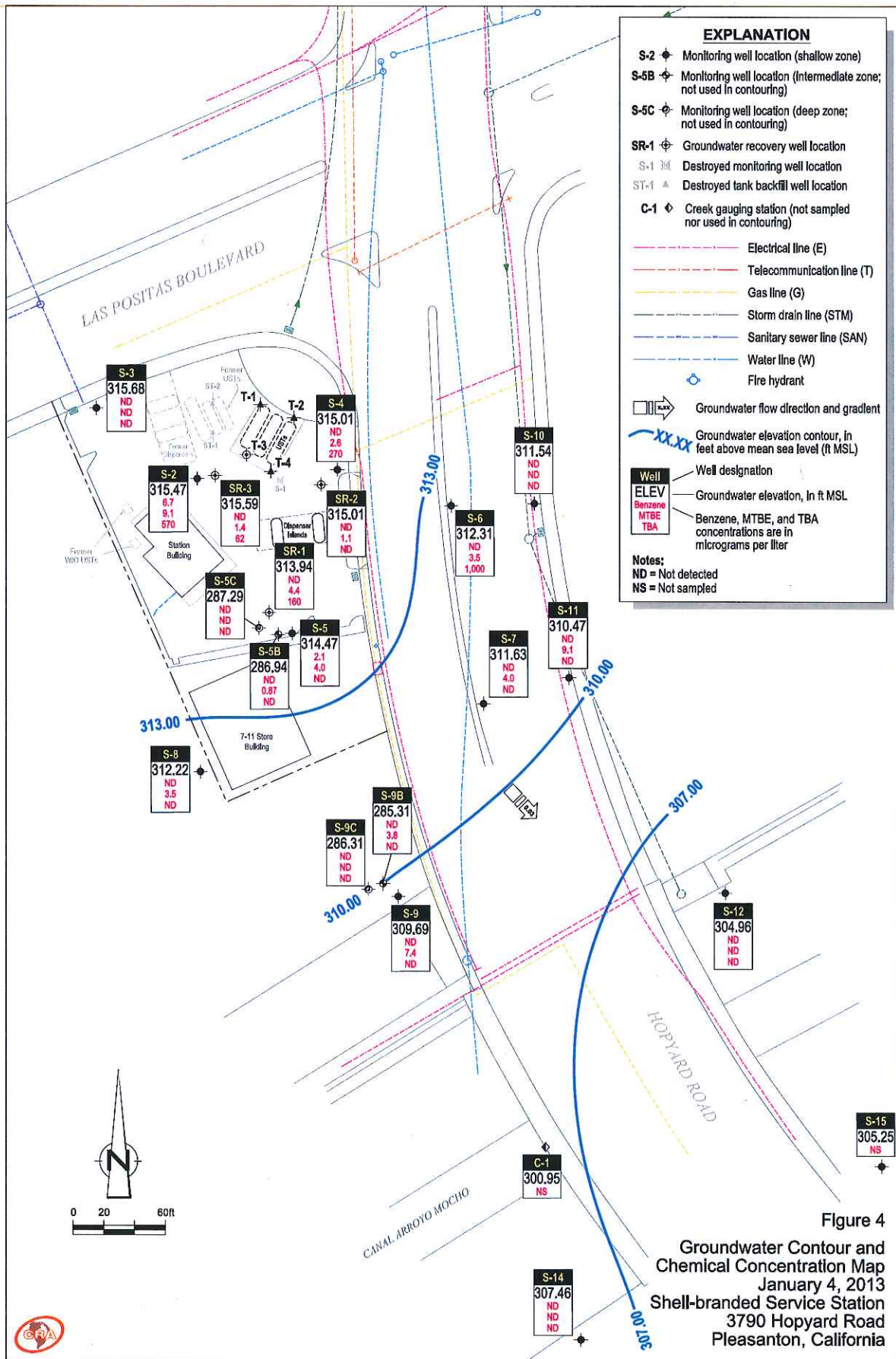


Figure 4
 Groundwater Contour and
 Chemical Concentration Map
 January 4, 2013
 Shell-branded Service Station
 3790 Hopyard Road
 Pleasanton, California

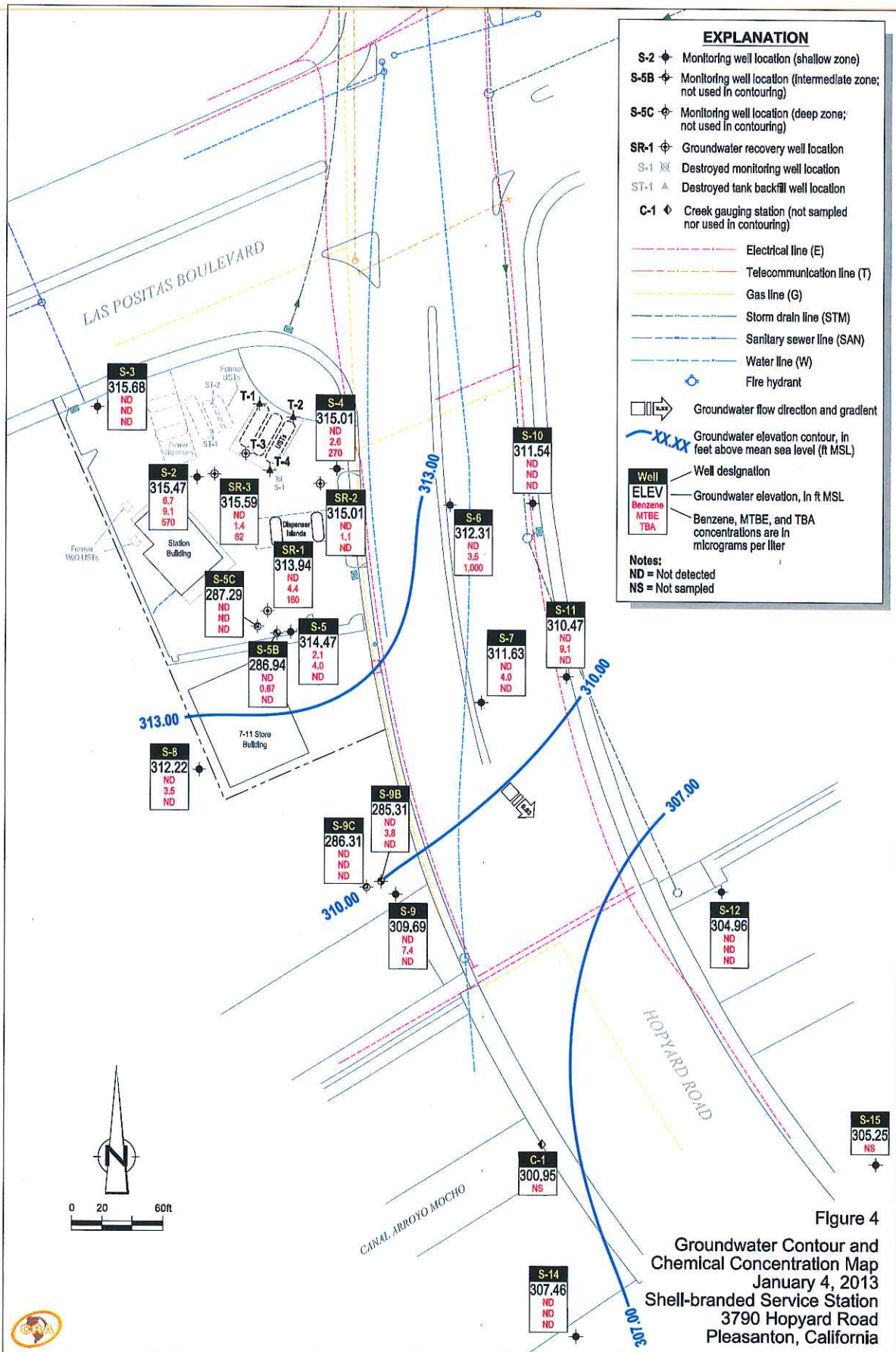


Figure 4
 Groundwater Contour and
 Chemical Concentration Map
 January 4, 2013
 Shell-branded Service Station
 3790 Hopyard Road
 Pleasanton, California

ATTACHMENT 7

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA - OIL AND GREASE, TPH, BTEX, FUEL OXYGENATES, AND LEAD SCAVENGERS
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Sample ID	Date	Depth (fbg)	O&G (mg/kg)	TPH _{wo} (mg/kg)	TPH _d (mg/kg)	TPH _g (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	MTBE (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	1,2- DCA (mg/kg)	EDB (mg/kg)	Ethanol (mg/kg)
S-A	1/22/1986	7-8.5	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-B	1/22/1986	4 - 5.5	--	--	--	30	0.3	0.2	--	2.3 a	--	--	--	--	--	--	--	--
S-B	1/22/1986	8 - 9.5	--	--	--	74	4.3	6.8	--	8.8 a	--	--	--	--	--	--	--	--
S-B	1/22/1986	11.5 - 13	--	--	--	79	0.4	0.1	--	0.8 a	--	--	--	--	--	--	--	--
S-C	1/22/1986	4 - 5.5	--	--	--	2	<0.10	<0.1	--	0.8 a	--	--	--	--	--	--	--	--
S-C	1/22/1986	7 - 8.5	--	--	--	5,100	14	130	--	1,200 a	--	--	--	--	--	--	--	--
S-C	1/22/1986	11.5 - 13	--	--	--	420	4	48	--	110 a	--	--	--	--	--	--	--	--
S-D	1/23/1986	4 - 5.5	--	--	--	2	0.2	0.2	--	<0.4 a	--	--	--	--	--	--	--	--
S-D	1/23/1986	7 - 8.5	--	--	--	10	<0.1	0.1	--	0.7 a	--	--	--	--	--	--	--	--
S-D	1/23/1986	11.5 - 13	--	--	--	110	0.8	0.2	--	12 a	--	--	--	--	--	--	--	--
S-E	1/23/1986	4 - 5.5	--	--	--	<2.0	<0.1	<0.1	--	<0.4 a	--	--	--	--	--	--	--	--
S-E	1/23/1986	7 - 8.5	--	--	--	6	<0.1	<0.1	--	<0.4 a	--	--	--	--	--	--	--	--
S-E	1/23/1986	11.5 - 13	--	--	--	6	0.4	<0.1	--	1.0 a	--	--	--	--	--	--	--	--
ST-1	10/28/1987	13.0 - 14.5	--	--	--	13	2.7	0.3	--	1.4	--	--	--	--	--	--	--	--
ST-2	10/28/1987	13.0 - 14.5	--	--	--	23	0.22	0.7	--	4.3	--	--	--	--	--	--	--	--
S-1	10/28/1987	14.0 - 15.5	--	--	--	57	5.3	0.3	--	6.8	--	--	--	--	--	--	--	--
S-1	10/28/1987	19.0 - 20.5	--	--	--	9	0.43	0.1	--	0.8	--	--	--	--	--	--	--	--
S-1	10/28/1987	33.5 - 35.0	--	--	--	<5	<0.05	<0.1	--	<0.4	--	--	--	--	--	--	--	--
S-2	10/28/1987	14.0 - 15.5	--	--	--	53	6.7	0.1	--	8	--	--	--	--	--	--	--	--

TABLE 1

**HISTORICAL SOIL ANALYTICAL DATA - OIL AND GREASE, TPH, BTEX, FUEL OXYGENATES, AND LEAD SCAVENGERS
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Sample ID	Date	Depth (fbg)	O&G (mg/kg)	TPHwo (mg/kg)	TPHd (mg/kg)	TPHg (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	MTBE (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	1,2-	EDB (mg/kg)	Ethanol (mg/kg)
																DCA (mg/kg)		
S-2	10/28/1987	19.0 - 20.5	--	--	--	5	0.07	<0.1	--	0.4	--	--	--	--	--	--	--	--
S-2	10/28/1987	33.5 - 35.0	--	--	--	<5	<0.05	<0.1	--	<0.4	--	--	--	--	--	--	--	--
S-3	1/26/1988	19.0 - 20.5	--	--	--	<5	<0.05	<0.1	--	<0.4	--	--	--	--	--	--	--	--
S-4	1/26/1988	19.0 - 20.5	--	--	--	41	6.2	<0.1	--	5.9	--	--	--	--	--	--	--	--
S-5	1/26/1988	19.0 - 20.5	--	--	--	4,700	50	170	--	900	--	--	--	--	--	--	--	--
A1	8/3/1988	14	--	--	--	1,300	13	110	45	230	--	--	--	--	--	--	--	--
A1X	8/3/1988	20	--	--	--	<1.0	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--
A2	8/3/1988	14	--	--	--	2,100	11	32	72	350	--	--	--	--	--	--	--	--
A2X	8/3/1988	20.5	--	--	--	80	1.3	2.6	3.4	16	--	--	--	--	--	--	--	--
B-1	8/3/1988	14	--	--	--	11	0.2	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--
B-2	8/3/1988	14	--	--	--	120	5.9	5.8	3.7	19	--	--	--	--	--	--	--	--
B2X	8/3/1988	20.5	--	--	--	1.5	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--
C-1	8/3/1988	14	--	--	--	110	2.8	0.4	7.8	31	--	--	--	--	--	--	--	--
C-1X	8/3/1988	16	--	--	--	9.1	0.8	<0.1	1.1	0.6	--	--	--	--	--	--	--	--
C-2	8/3/1988	14	--	--	--	52	4.8	0.1	4.4	3.9	--	--	--	--	--	--	--	--
A5	8/5/1988	5	--	--	--	3	1.3	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--

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SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Sample ID	Date	Depth (fbg)	O&G (mg/kg)	TPHwo (mg/kg)	TPHd (mg/kg)	TPHg (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	MTBE (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	1,2- DCA (mg/kg)	EDB (mg/kg)	Ethanol (mg/kg)
A10	8/5/1988	10	--	--	--	3.5	0.5	<0.1	0.2	0.2	--	--	--	--	--	--	--	--
A15	8/5/1988	15	--	--	--	4.4	0.7	<0.1	0.5	0.3	--	--	--	--	--	--	--	--
S-6-2A	10/4/1988	9 - 10.5	--	--	--	<5	0.05	<0.1	<0.1	<0.3	--	--	--	--	--	--	--	--
S-6-3A	10/4/1988	14 - 15.5	--	--	--	9	<0.05	<0.1	<0.1	<0.3	--	--	--	--	--	--	--	--
S-6-4A	10/4/1988	19 - 20.5	--	--	--	6	0.05	<0.1	0.1	<0.3	--	--	--	--	--	--	--	--
S-6-5A	10/4/1988	24 - 25.5	--	--	--	<5	<0.05	<0.1	<0.1	<0.3	--	--	--	--	--	--	--	--
S-7-2A	10/4/1988	9 - 10.5	--	--	--	<5	<0.05	<0.1	<0.1	<0.3	--	--	--	--	--	--	--	--
S-7-3A	10/4/1988	14 - 15.5	--	--	--	<5	<0.05	<0.1	<0.1	<0.3	--	--	--	--	--	--	--	--
S-7-4A	10/4/1988	19 - 20.5	--	--	--	<5	<0.05	<0.1	<0.1	<0.3	--	--	--	--	--	--	--	--
S-8-3A	2/24/1989	14 - 15.5	--	--	--	<5	<0.05	<0.1	<0.1	<0.3	--	--	--	--	--	--	--	--
S-8-4A	2/24/1989	19 - 20.5	--	--	--	<5	<0.05	<0.1	<0.1	<0.3	--	--	--	--	--	--	--	--
S-9-3A	2/24/1989	14 - 15.5	--	--	--	<5	<0.05	<0.1	<0.1	<0.3	--	--	--	--	--	--	--	--
S-9-4A	2/24/1989	19 - 20.5	--	--	--	<5	<0.05	<0.1	<0.1	<0.3	--	--	--	--	--	--	--	--
SR-1-15	8/9/1989	15	--	--	--	<5.0	<0.1	<0.1	<0.1	<0.3	--	--	--	--	--	--	--	--
SR-1-20	8/9/1989	20	--	--	--	40	5.4	<0.1	2.5	2.7	--	--	--	--	--	--	--	--
S-10-15	8/9/1989	15	--	--	--	<5.0	<0.05	<0.1	<0.1	<0.3	--	--	--	--	--	--	--	--
S-10-20	8/9/1989	20	--	--	--	<5.0	<0.05	<0.1	<0.1	<0.3	--	--	--	--	--	--	--	--
SR-3-10	9/19/1989	10	--	--	--	<5.0	0.98	<0.1	<0.1	<0.3	--	--	--	--	--	--	--	--
SR-3-15	9/19/1989	15	--	--	--	54	3.9	<0.2	4.2	2.7	--	--	--	--	--	--	--	--

TABLE 1

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SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Sample ID	Date	Depth (ftg)	O&G (mg/kg)	TPH _{wo} (mg/kg)	TPH _d (mg/kg)	TPH _g (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	MTBE (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	1,2-	EDB (mg/kg)	Ethanol (mg/kg)
																DCA (mg/kg)		
SR-3-20	9/19/1989	20	---	---	---	<5.0	<0.05	<0.1	0.2	<0.3	---	---	---	---	---	---	---	---
SR-2-10	9/20/1989	10	---	---	---	<5.0	0.05	<0.1	<0.1	<0.3	---	---	---	---	---	---	---	---
SR-2-15	9/20/1989	15	---	---	---	67	0.11	0.1	0.1	<0.3	---	---	---	---	---	---	---	---
SR-2-20	9/20/1989	20	---	---	---	8.4	<0.05	<0.1	1.0	<0.3	---	---	---	---	---	---	---	---
D-1	7/26/2002	3.5	---	---	---	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	---	---	---	---	---	---	---
D-2	7/26/2002	3.5	---	---	---	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	---	---	---	---	---	---	---
D-3	7/26/2002	3.5	---	---	---	4.0	<0.005	<0.005	0.012	0.011	<0.5	---	---	---	---	---	---	---
D-4	7/26/2002	3.5	---	---	---	1.8	<0.005	<0.005	0.053	0.018	<0.5	---	---	---	---	---	---	---
P-1	7/26/2002	3.5	---	---	---	260	0.079	0.072	0.48	1.1	<0.5	---	---	---	---	---	---	---
P-2	7/26/2002	3.5	---	---	---	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	---	---	---	---	---	---	---
P-3	7/26/2002	3.5	---	---	---	10	0.0083	<0.005	0.26	<0.005	<0.5	---	---	---	---	---	---	---
S-11-5.5	7/26/2002	5.5	---	---	---	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	---	---	---	---	---	---	---
S-11-10.5	7/26/2002	10.5	---	---	---	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	---	---	---	---	---	---	---
S-11-15.5	7/26/2002	15.5	---	---	---	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	---	---	---	---	---	---	---
S-11-20.5	7/26/2002	20.5	---	---	---	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	---	---	---	---	---	---	---
S-11-24.5	7/26/2002	24.5	---	---	---	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	---	---	---	---	---	---	---
S-12-5.5	9/19/2002	5.5	---	---	---	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	---	---	---	---	---	---	---
S-12-10.5	9/19/2002	10.5	---	---	---	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	---	---	---	---	---	---	---
S-12-15.5	9/19/2002	15.5	---	---	---	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	---	---	---	---	---	---	---
S-12-20.5	9/19/2002	20.5	---	---	---	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	---	---	---	---	---	---	---
S-12-24.5	9/19/2002	24.5	---	---	---	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	---	---	---	---	---	---	---
SB-1	10/4/2004	2.5	---	---	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	0.051	0.16	---	---	---	---	---	---

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA - OIL AND GREASE, TPH, BTEX, FUEL OXYGENATES, AND LEAD SCAVENGERS
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Sample ID	Date	Depth (fbg)	O&G (mg/kg)	TPH _{wo} (mg/kg)	TPH _d (mg/kg)	TPH _g (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	MTBE (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	1,2-	EDB (mg/kg)	Ethanol (mg/kg)
																DCA (mg/kg)		
SB-1	10/4/2004	5	---	---	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.063	---	---	---	---	---	---
SB-1	10/4/2004	10.5	---	---	---	2.4	<0.0050	<0.0050	<0.0050	0.019	0.091	0.035	---	---	---	---	---	---
SB-1	10/4/2004	15.5	---	---	---	<4.2	<0.021	<0.021	<0.021	<0.021	<0.021	3.6	---	---	---	---	---	---
SB-1	10/4/2004	19.5	---	---	---	300	<0.50	<0.50	4.0	<0.50	1.2	<2.5	<1.0	<0.50	<0.50	<0.50	<0.50	<25
SB-2	10/4/2004	2.5	---	---	---	<1.0	0.015	<0.0050	0.0091	0.026	0.0053	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.1
SB-2	10/4/2004	5	---	---	---	<1.0	<0.0050	<0.0050	<0.0050	0.0080	<0.0050	<0.010	---	---	---	---	---	---
SB-2	10/8/2004	10	---	---	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	0.011	0.012	---	---	---	---	---	---
SB-2	10/8/2004	15	---	---	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	0.34	0.14	---	---	---	---	---	---
SB-2	10/8/2004	19.5	---	---	---	890	<0.50	<0.50	15	1.0	4.1	<2.5	<1.0	<0.50	<0.50	<0.50	<0.50	<25
SB-2	10/8/2004	25	---	---	---	<4.5	<0.022	<0.022	<0.022	<0.022	0.12	1.8	<0.045	<0.022	<0.022	<0.022	<0.022	<0.45
SB-3	10/5/2004	2.5	---	---	---	950	5.0	51	20	110	<0.50	<2.5	---	---	---	---	---	---
SB-3	10/5/2004	5	---	---	---	270	2.7	5.2	4.7	20	<0.50	<2.5	<1.0	<0.50	<0.50	<0.50	<0.50	<25
SB-3	10/8/2004	10	---	---	---	11	0.85	1.2	0.30	1.5	<0.021	<0.043	---	---	---	---	---	---
SB-3	10/8/2004	15.5	---	---	---	1.5	0.047	0.15	0.029	0.15	<0.0050	0.017	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.1
SB-3	10/8/2004	19.5	---	---	---	<1.0	<0.0050	0.0083	<0.0050	0.012	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.1
SB-3	10/8/2004	25	---	---	---	4.5	<0.021	0.17	0.080	0.59	<0.021	<0.042	---	---	---	---	---	---
SB-4	10/4/2004	2.5	---	---	---	350	<0.50	<0.50	3.3	<0.50	<0.50	<2.5	<1.0	<0.50	<0.50	<0.50	<0.50	<25
SB-4	10/4/2004	5	---	---	---	1.3	0.19	<0.0050	0.50	0.0098	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.1
SB-4	10/8/2004	10	---	---	---	1.1	0.019	<0.0050	0.011	0.072	<0.0050	0.012	---	---	---	---	---	---
SB-4	10/8/2004	15	---	---	---	<1.0	<0.0050	<0.0050	<0.0050	0.012	<0.0050	0.016	---	---	---	---	---	---
SB-4	10/8/2004	19.5	---	---	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	---	---	---	---	---	---
SB-4	10/8/2004	25	---	---	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	---	---	---	---	---	---
SB-5	10/4/2004	2.5	---	---	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	---	---	---	---	---	---

TABLE 1

**HISTORICAL SOIL ANALYTICAL DATA - OIL AND GREASE, TPH, BTEX, FUEL OXYGENATES, AND LEAD SCAVENGERS
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Sample ID	Date	Depth (ftg)	O&G (mg/kg)	TPH _{wo} (mg/kg)	TPH _d (mg/kg)	TPH _g (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	MTBE (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	1,2-	EDB (mg/kg)	Ethanol (mg/kg)
																DCA (mg/kg)		
SB-5	10/4/2004	5	---	---	---	1.0	0.046	<0.0050	0.076	0.15	0.0070	0.011	---	---	---	---	---	---
SB-5	10/8/2004	9.5	---	---	---	1.6	0.011	<0.0050	<0.0050	0.015	0.0081	0.029	---	---	---	---	---	---
SB-5	10/8/2004	15	---	---	---	80	0.60	<0.50	<0.50	<0.50	0.92	<2.5	<1.0	<0.50	<0.50	<0.50	<0.50	<25
SB-5	10/8/2004	19.5	---	---	---	6.1	0.040	0.050	<0.020	0.072	0.034	0.32	---	---	---	---	---	---
SB-7	10/5/2004	2.5	---	---	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	0.019	0.019	---	---	---	---	---	---
SB-7	10/5/2004	5	---	---	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	0.079	0.031	---	---	---	---	---	---
SB-7	10/7/2004	10	---	---	---	2.8	<0.0050	<0.0050	<0.0050	0.0053	<0.0050	0.17	---	---	---	---	---	---
SB-7	10/7/2004	15	---	---	---	11	<0.020	<0.020	<0.020	<0.020	0.035	0.28	---	---	---	---	---	---
SB-7	10/7/2004	19.5	---	---	---	15	0.022	<0.013	0.25	0.014	0.12	<0.026	<0.026	<0.013	<0.013	<0.013	<0.013	<0.26
SB-7	10/7/2004	25	---	---	---	1.7	<0.0050	<0.0050	0.040	0.015	0.033	0.12	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	0.13
SB-8	10/8/2004	5	---	---	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	---	---	---	---	---	---
SB-8	10/8/2004	10	---	---	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	0.070	0.10	---	---	---	---	---	---
SB-9	10/5/2004	2.5	---	---	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	---	---	---	---	---	---
SB-9	10/5/2004	5	---	---	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	0.023	<0.010	---	---	---	---	---	---
SB-9	10/6/2004	10	---	---	---	<4.7	<0.023	<0.023	<0.023	<0.023	<0.023	3.3	---	---	---	---	---	---
SB-9	10/7/2004	15.5	---	---	---	96	<0.50	<0.50	<0.50	<0.50	<0.50	14	<1.0	<0.50	<0.50	<0.50	<0.50	<25
SB-9	10/7/2004	21	---	---	---	<4.1	<0.020	<0.020	<0.020	<0.020	<0.020	1.6	<0.041	<0.020	<0.020	<0.020	<0.020	<0.41
SB-10	10/6/2004	2.5	---	---	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	0.055	0.057	---	---	---	---	---	---
SB-11	10/5/2004	2.5	---	---	---	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	0.023	0.035	---	---	---	---	---	---
SB-11	10/5/2004	5	---	---	---	220	0.51	<0.50	4.6	<0.50	<0.50	<2.5	<1.0	<0.50	<0.50	<0.50	<0.50	<25
SB-11	10/7/2004	10	---	---	---	<1.0	0.055	<0.0050	0.020	0.0059	0.067	0.029	---	---	---	---	---	---
SB-11	10/7/2004	15.5	---	---	---	<50	<0.50	<0.50	<0.50	<0.50	<0.50	14	---	---	---	---	---	---

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA - OIL AND GREASE, TPH, BTEX, FUEL OXYGENATES, AND LEAD SCAVENGERS
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Sample ID	Date	Depth (ft)	O&G (mg/kg)	TPH _{wo} (mg/kg)	TPH _d (mg/kg)	TPH _g (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	MTBE (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	1,2-	EDB (mg/kg)	Ethanol (mg/kg)	
																DCA (mg/kg)			
SB-11	10/7/2004	20	—	—	—	2.6	<0.0050	<0.0050	0.0098	0.0054	0.038	0.48	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.1
SB-11	10/7/2004	25	—	—	—	3.2	0.017	<0.0050	0.049	<0.0050	0.036	0.67	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.1
SB-12	10/6/2004	2.5	—	—	—	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	—	—	—	—	—	—	—
SB-12	10/6/2004	5	—	—	—	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	0.0068	<0.010	—	—	—	—	—	—	—
SB-12	10/6/2004	10	—	—	—	<1.0	<0.0050	<0.0050	<0.0050	0.0065	0.050	0.061	—	—	—	—	—	—	—
SB-12	10/6/2004	15	—	—	—	<5.0	<0.025	<0.025	<0.025	<0.025	0.026	8.6	—	—	—	—	—	—	—
SB-12	10/6/2004	20	—	—	—	430	<0.50	<0.50	1.6	<0.50	0.63	<2.5	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<25
SB-12	10/6/2004	24.5	—	—	—	<4.7	<0.023	<0.023	<0.023	<0.023	2.3	<0.023	—	—	—	—	—	—	—
SB-12	10/6/2004	26	—	—	—	280	<0.50	0.71	1.3	2.7	0.51	<2.5	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<25
SB-13	10/5/2004	3	—	—	—	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	0.0058	<0.010	—	—	—	—	—	—	—
SB-13	10/5/2004	5	—	—	—	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	—	—	—	—	—	—	—
SB-13	10/6/2004	10	—	—	—	3.6	<0.0050	<0.0050	0.0068	0.013	<0.0050	0.028	—	—	—	—	—	—	—
SB-13	10/6/2004	15	—	—	—	2.7	0.0089	<0.0050	<0.0050	0.0087	0.076	0.047	—	—	—	—	—	—	—
SB-13	10/6/2004	20	—	—	—	<1.0	<0.0050	<0.0050	0.0099	<0.0050	0.046	0.025	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.1
SB-14	10/5/2004	2.5	—	—	—	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	—	—	—	—	—	—	—
SB-14	10/5/2004	5	—	—	—	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	0.014	0.016	—	—	—	—	—	—	—
SB-14	10/7/2004	10	—	—	—	1.9	0.043	<0.0050	0.024	0.013	0.0063	0.028	—	—	—	—	—	—	—
SB-14	10/7/2004	15	—	—	—	8.2	0.041	<0.020	0.064	0.045	0.76	0.23	—	—	—	—	—	—	—
SB-14	10/7/2004	20	—	—	—	<50	<0.50	<0.50	0.56	<0.50	0.80	3.0	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<25
SB-14	10/7/2004	25	—	—	—	2.3	<0.0050	<0.0050	0.059	0.077	0.26	0.36	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.1
SB-15	10/5/2004	2.5	—	—	—	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	0.0074	<0.010	—	—	—	—	—	—	—
SB-15	10/5/2004	5	—	—	—	5.9	<0.0050	<0.0050	<0.0050	0.029	<0.0050	0.069	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.1
SB-15	10/7/2004	15	—	—	—	1.2	0.045	<0.0050	<0.0050	<0.0050	0.28	0.12	—	—	—	—	—	—	—

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**HISTORICAL SOIL ANALYTICAL DATA - OIL AND GREASE, TPH, BTEX, FUEL OXYGENATES, AND LEAD SCAVENGERS
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Sample ID	Date	Depth (ft)	O&G (mg/kg)	TPH _{wo} (mg/kg)	TPH _d (mg/kg)	TPH _g (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	MTBE (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	1,2-	EDB (mg/kg)	Ethanol (mg/kg)
																DCA (mg/kg)		
SB-15	10/7/2004	20	--	--	--	470	<0.50	<0.50	9.5	3.8	1.2	<2.5	<1.0	<0.50	<0.50	<0.50	<0.50	<25
SB-15	10/7/2004	25	--	--	--	<3.1	0.052	<0.016	0.56	0.18	0.78	3.4	<0.031	<0.016	<0.016	<0.016	<0.016	<0.31
SB-16	10/6/2004	2.5	--	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	--	--	--	--	--	--
CPT-3	2/15/2005	25	--	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.33	--	--	--	--	--	--
CPT-3	2/15/2005	35	--	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.56	--	--	--	--	--	--
CPT-3	2/15/2005	45	--	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	--	--	--	--	--	--
CPT-5	2/18/2005	25	--	--	--	<1.0	<0.0050	<0.0050	0.018	0.020	<0.0050	<0.010	--	--	--	--	--	--
CPT-5	2/18/2005	35	--	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	--	--	--	--	--	--
CPT-5	2/18/2005	45	--	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	--	--	--	--	--	--
WO-1-9	2/14/2007	9	<1,500	--	<5.0	0.88	<0.00099	0.0017	0.010	0.057	<0.0020	<0.020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	--
SB-18 @ 10'	5/21/2010	10	--	--	--	30	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
SB-18 @ 15'	5/21/2010	15	--	--	--	30	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
SB-18 @ 18'	5/21/2010	18	--	--	--	310	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
SB-18 @ 20'	5/21/2010	20	--	--	--	1.3	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
SB-18 @ 25'	5/21/2010	25	--	--	--	0.60	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
SB-18 @ 30'	5/21/2010	30	--	--	--	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
SB-18 @ 35'	5/21/2010	35	--	--	--	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
SB-18 @ 40'	5/21/2010	40	--	--	--	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
SB-18 @ 45'	5/21/2010	45	--	--	--	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
SB-18 @ 50'	5/21/2010	50	--	--	--	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
SB-18 @ 55'	5/21/2010	55	--	--	--	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
SB-18 @ 60'	5/21/2010	60	--	--	--	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	--	--	--	--	--	--

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**HISTORICAL SOIL ANALYTICAL DATA - OIL AND GREASE, TPH, BTEX, FUEL OXYGENATES, AND LEAD SCAVENGERS
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Sample ID	Date	Depth (fbg)	O&G (mg/kg)	TPHwo (mg/kg)	TPHd (mg/kg)	TPHg (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	MTBE (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	1,2- DCA (mg/kg)	EDB (mg/kg)	Ethanol (mg/kg)
SB-17 @ 10'	6/8/2010	10	--	--	--	3.5	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
SB-17 @ 15'	6/8/2010	15	--	--	--	1.9	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
SB-17 @ 20'	6/8/2010	20	--	--	--	1,100	<2.0	<2.0	<2.0	<2.0	<2.0	<20	--	--	--	--	--	--
SB-17 @ 25'	6/8/2010	25	--	--	--	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
SB-17 @ 30'	6/8/2010	30	--	--	--	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
SB-17 @ 35'	6/8/2010	35	--	--	--	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
SB-17 @ 40'	6/8/2010	40	--	--	--	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
SB-17 @ 45'	6/8/2010	45	--	--	--	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
SB-17 @ 50'	6/8/2010	50	--	--	--	22	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
SB-17 @ 55'	6/8/2010	55	--	--	--	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
SB-17 @ 60'	6/8/2010	60	--	--	--	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	--	--	--	--	--	--
<i>Shallow Soil (<=10 fbg) ESL^b:</i>			NA	NA	500	500	0.044	2.9	3.3	2.3	0.023	0.075	NA	NA	NA	0.0045	0.00033	NA
<i>Deep Soil (>10 fbg) ESL^b:</i>			NA	NA	580	530	0.044	2.9	3.3	2.3	0.023	0.075	NA	NA	NA	0.0045	0.00033	NA

Notes:

O&G = Oil and grease as hexane extractable material by EPA Method 1664 A (Modified)

TPHwo = Total petroleum hydrocarbons as waste oil, method unknown

TPHd = Total petroleum hydrocarbons as diesel by EPA Method 8015 (Modified)

TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8260; before August 26, 2002 analyzed by EPA Method 8015.

BTEX = Benzene, ethylbenzene, toluene, and total xylenes analyzed by EPA Method 8260; before August 26, 2002 analyzed by EPA Method 8020.

MTBE = Methyl tertiary-butyl ether analyzed by EPA Method 8260B

TBA = Tertiary-butyl alcohol analyzed by EPA Method 8260B

DIPE = Di-isopropyl ether analyzed by EPA Method 8260B

ETBE = Ethyl tertiary-butyl ether analyzed by EPA Method 8260B

TAME = Tertiary-amyl methyl ether analyzed by EPA Method 8260B

1,2-DCA = 1,2-Dichloroethane analyzed by EPA Method 8260B

EDB = 1,2-Dibromomethane analyzed by EPA Method 8260B

Ethanol analyzed by EPA Method 8260B

HISTORICAL SOIL ANALYTICAL DATA - OIL AND GREASE, TPH, BTEX, FUEL OXYGENATES, AND LEAD SCAVENGERS
 SHELL-BRANDED SERVICE STATION
 3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Sample ID	Date	Depth (fbg)	O&G (mg/kg)	TPH _{wo} (mg/kg)	TPH _d (mg/kg)	TPH _g (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	MTBE (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	1,2-DCA (mg/kg)	EDB (mg/kg)	Ethanol (mg/kg)
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fbg = Feet below grade

mg/kg = Milligrams per kilogram

<x = Not detected at reporting limit x

--- = Not analyzed

ND = Not detected; see laboratory analytical report for constituent-specific reporting limits

ESL = Environmental screening level

NA = No applicable ESL

Shading indicates that sample location subsequently over-excavated, results are not representative of residual soil.

Results in **bold** equal or exceed applicable ESL

a = Result is for undifferentiated xylenes and ethylbenzene

b = San Francisco Bay Regional Water Quality Control Board commercial/industrial ESL for soil where groundwater is a potential source of drinking water (Tables A and C of *Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater*, California Regional Water Quality Control Board, Interim Final - November 2007 [Revised May 2008]) - Updated May 2013.

**HISTORICAL SOIL ANALYTICAL DATA - CHLORINATED HYDROCARBONS, METALS, PNAS, PCP, AND PCBs
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

<i>Sample ID</i>	<i>Date</i>	<i>Depth (fbg)</i>	<i>Chlorinated Hydrocarbons (mg/kg)</i>	<i>Cd (mg/kg)</i>	<i>Cr (mg/kg)</i>	<i>Pb (mg/kg)</i>	<i>Organic Pb (mg/kg)</i>	<i>Ni (mg/kg)</i>	<i>Zn (mg/kg)</i>	<i>PNAs (mg/kg)</i>	<i>PCP (mg/kg)</i>	<i>PCBs (mg/kg)</i>
S-B	1/22/1986	4 - 5.5	---	---	---	9 a	<0.1	---	---	---	---	---
S-B	1/22/1986	8 - 9.5	---	---	---	11 a	<0.1	---	---	---	---	---
S-B	1/22/1986	11.5 - 13	---	---	---	9 a	<0.1	---	---	---	---	---
S-C	1/22/1986	4 - 5.5	---	---	---	4.9 a	<0.1	---	---	---	---	---
S-C	1/22/1986	7 - 8.5	---	---	---	6.8 a	<0.1	---	---	---	---	---
S-C	1/22/1986	11.5 - 13	---	---	---	9.1 a	<0.1	---	---	---	---	---
S-D	1/23/1986	4 - 5.5	---	---	---	4.2 a	<0.1	---	---	---	---	---
S-D	1/23/1986	7 - 8.5	---	---	---	5.2 a	0.2	---	---	---	---	---
S-D	1/23/1986	11.5 - 13	---	---	---	7.3 a	<0.1	---	---	---	---	---
S-E	1/23/1986	4 - 5.5	---	---	---	5.1 a	<0.1	---	---	---	---	---
S-E	1/23/1986	7 - 8.5	---	---	---	9.2 a	<0.1	---	---	---	---	---
S-E	1/23/1986	11.5 - 13	---	---	---	9.1 a	<0.1	---	---	---	---	---
ST-1	10/28/1987	13.0 - 14.5	---	---	---	4.2	---	---	---	---	---	---
ST-2	10/28/1987	13.0 - 14.5	---	---	---	4.6	---	---	---	---	---	---
S-1	10/28/1987	14.0 - 15.5	---	---	---	7.0	---	---	---	---	---	---
S-1	10/28/1987	19.0 - 20.5	---	---	---	6.4	---	---	---	---	---	---
S-1	10/28/1987	33.5 - 35.0	---	---	---	4.2	---	---	---	---	---	---
S-2	10/28/1987	14.0 - 15.5	---	---	---	5.4	---	---	---	---	---	---
S-2	10/28/1987	19.0 - 20.5	---	---	---	7.1	---	---	---	---	---	---
S-2	10/28/1987	33.5 - 35.0	---	---	---	5.4	---	---	---	---	---	---
WO-1-9	2/14/2007	9	ND	<0.50	52	8.0	---	53	56	ND	<0.83	<0.096
<i>Shallow Soil (<10 fbg) ESL^b:</i>			Various	12	750	320	NA	150	600	Various	2.6	0.25
<i>Deep Soil (>10 fbg) ESL^b:</i>			Various	1,000	5,000	320	NA	5,000	5,000	Various	2.6	0.25

Notes:

Chlorinated hydrocarbons by EPA Method 8260B; see laboratory analytical report for a complete list of specific constituents

Cd = Cadmium by EPA Method 6010B

Cr = Chromium by EPA Method 6010B

Pb = Lead by EPA Method 6010B unless otherwise noted

Organic Pb = Organic lead analysis, method unknown

Ni = Nickel by EPA Method 6010B

**HISTORICAL SOIL ANALYTICAL DATA - CHLORINATED HYDROCARBONS, METALS, PNAS, PCP, AND PCBs
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Zn = Zinc by EPA Method 6010B

PNAs = Polynuclear aromatics by EPA Method 8270C; see laboratory analytical report for a complete list of specific constituents

PCP = Pentachlorophenol by EPA Method 8270C

PCBs = Polychlorinated biphenyls by EPA Method 8082; see laboratory analytical report for a complete list of specific constituents

fbg = Feet below grade

mg/kg = Milligrams per kilogram

<x = Not detected at reporting limit x

ND = Not detected; see laboratory analytical report for constituent-specific reporting limits

--- = Not analyzed

ESL = Environmental screening level

NA = No applicable ESL

Shading indicates that sample location subsequently over-excavated, results are not representative of residual soil.

Results in **bold** equal or exceed applicable ESL

a = Analytical method not known

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

**HISTORICAL SOIL VAPOR ANALYTICAL DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

<i>Sample ID</i>	<i>Date</i>	<i>TPHg</i> ($\mu\text{g}/\text{m}^3$)	<i>B</i> ($\mu\text{g}/\text{m}^3$)	<i>T</i> ($\mu\text{g}/\text{m}^3$)	<i>E</i> ($\mu\text{g}/\text{m}^3$)	<i>X</i> ($\mu\text{g}/\text{m}^3$)	<i>MTBE</i> ($\mu\text{g}/\text{m}^3$)
T-2	4/29/2002	<20,000	<160	<190	<220	360	<360
T-3	4/29/2002	<20,000	<160	450	<220	520	<360
T1-N	7/18/2002	25,000,000	5,800	<3,800	<4,300	<4,300	1,300,000
T2-E	7/18/2002	41,000,000	13,000	3,800	<4,300	5,200	1,700,000
T3-S	7/18/2002	29,000,000	4,200	<3,800	<4,300	<4,300	2,800,000
T4-W	7/18/2002	16,000,000	<3,200	<3,800	<4,300	<4,300	610,000
<i>Commercial land use ESLs^a:</i>		<i>1,200,000</i>	<i>420</i>	<i>1,300,000</i>	<i>4,900</i>	<i>440,000</i>	<i>47,000</i>

Notes:

TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8260B

BTEX = Benzene, toluene, ethylbenzene, and total xylenes analyzed by EPA Method 8260B

MTBE = Methyl tertiary-butyl ether analyzed by EPA Method 8260B

$\mu\text{g}/\text{m}^3$ = Micrograms per cubic meter

<x = Not detected at reporting limit x

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

TABLE 4

**HISTORICAL GRAB GROUNDWATER ANALYTICAL DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Sample ID	Date	Depth (fbg)	O&G (µg/L)	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	Other OXYs (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Chlorinated Hydro- carbons					Benzoic Acid			PCP (µg/L)	PCBs (µg/L)		
															Cd (µg/L)	Cr (µg/L)	Pb (µg/L)	Ni (µg/L)	Zn (µg/L)	µg/L	µg/L	µg/L				
CPT-1-66	7/26/2002	66	--	--	<50	<0.50	1.6	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CPT-1-79	7/26/2002	79	--	--	<50	<0.50	1.6	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CPT-2@26' a	11/25/2002	26	--	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CPT-2@42' a	11/25/2002	42	--	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CPT-2@50' a	11/25/2002	50	--	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CPT-2@68' a	11/25/2002	68	--	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CPT-2@88' a	11/25/2002	88	--	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-5-W	10/8/2004		--	--	3,300	14	1.1	150	7.9	45	290	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-7-W	10/8/2004		--	--	900	15	<5.0	46	<10	67	1600	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-9-W	10/7/2004		--	--	13,000	17	5.2	91	57	390	3,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-12-W	10/6/2004		--	--	17,000	37	<25	460	<50	2,600	9,500	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-13-W	10/7/2004		--	--	30,000	<100	<100	3,300	<200	10,000	8,200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CPT-4	2/16/2005	55-60	--	--	<50	1.2	<0.50	3.0	3.0	0.54	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CPT-4	2/16/2005	70-74	--	--	<50	<0.50	<0.50	1.1	1.3	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CPT-5	2/18/2005	59-62	--	--	150	0.64	<0.50	1.7	1.3	1.2	6.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CPT-5	2/18/2005	76-80	--	--	620	16	0.66	32	14	19	39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CPT-6	2/18/2005	59-63	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CPT-6	2/18/2005	75-78	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CPT-7	2/16/2005	20-35	--	--	<50	<0.50	<0.50	<0.50	<1.0	160	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CPT-7	2/16/2005	60-63	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CPT-7	2/16/2005	75-80	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CPT-8	2/16/2005	60-63	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CPT-8	2/16/2005	75-80	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CPT-9	2/18/2005	58-62	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CPT-9	2/18/2005	74-77	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CPT-10	2/17/2005	20-38	--	--	<100	<1.0	<1.0	<1.0	<2.0	200	11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CPT-10	2/17/2005	62-64	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 4

**HISTORICAL GRAB GROUNDWATER ANALYTICAL DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Sample ID	Date	Depth (fbg)	O&G (µg/L)	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	Other OXYs (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Chlorinated Hydro- carbons (µg/L)	Cd (µg/L)	Cr (µg/L)	Pb (µg/L)	Ni (µg/L)	Zn (µg/L)	Benzoic Acid (µg/L)	PCP (µg/L)	PCBs (µg/L)
CPT-10	2/17/2005	76-80	—	—	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	—	—	—	—	—	—	—	—	—	—	—	—
CPT-11	2/17/2005	63	—	—	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	—	—	—	—	—	—	—	—	—	—	—	—
CPT-11	2/17/2005	70-74	—	—	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	—	—	—	—	—	—	—	—	—	—	—	—
CPT-5A@65'	9/9/2005	61-64	—	—	<50	0.84	<0.5	1.4	2.8	1.4	<5.0	—	—	—	—	—	—	—	—	—	—	—	—
CPT-5A@78'	9/9/2005	74-78	—	—	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<5.0	—	—	—	—	—	—	—	—	—	—	—	—
WO-W	2/14/2007		<4,700	<480	<50	0.67	0.75	0.73	<1.0	1.6	<10	ND	<2.0	<0.50	ND	<5.0	47	9.4	130	500	32	<20	<0.94
Groundwater ESL^b:			NA	100	100	1.0	40	30	20	5.0	12	NA	0.50	0.050	Various	0.25	180	2.5	8.2	81	NA	1.0	0.014

Notes:

O&G = Oil and grease as hexane extractable material by EPA Method 1664 A (Modified)

TPHd = Total petroleum hydrocarbons as diesel by EPA Method 8015 (Modified)

TPHg = Total petroleum hydrocarbons as gasoline; analyzed by EPA Method 8260B

BTEX = Benzene, toluene, ethylbenzene, and total xylenes analyzed by EPA Method 8260B

MTBE = Methyl tertiary-butyl ether analyzed by EPA Method 8260B

TBA = Tertiary-butyl alcohol analyzed by EPA Method 8260B

Other OXYs = Di-isopropyl ether, ethyl tertiary-butyl ether, and tertiary-amyl methyl ether by EPA Method 8260B

1,2-DCA = 1,2-Dichloroethane by EPA Method 8260B

EDB = 1,2-Dibromoethane by EPA Method 8260B

Chlorinated hydrocarbons by EPA Method 8260B; see laboratory analytical report for a complete list of specific constituents

Cd = Cadmium by EPA Method 6010B

Cr = Chromium by EPA Method 6010B

Pb = Lead by EPA Method 6010B

Ni = Nickel by EPA Method 6010B

Zn = Zinc by EPA Method 6010B

Benzoic acid by EPA Method 8270C. No other polynuclear aromatics detected; see laboratory analytical report for a complete list of specific constituents

PCP = Pentachlorophenol by EPA Method 8270C

PCBs = Polychlorinated biphenyls by EPA Method 8082; see laboratory analytical report for a complete list of specific constituents

fbg = Feet below grade

µg/L = Micrograms per liter

<x = Not detected at reporting limit x

ND = Not detected; see laboratory analytical report for constituent-specific reporting limits

— = Not analyzed

<x = Not detected at reporting limit x

ESL = Environmental screening level

NA = No applicable ESL

Results in **bold** equal or exceed applicable ESL

TABLE 4

**HISTORICAL GRAB GROUNDWATER ANALYTICAL DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

<i>Sample ID</i>	<i>Date</i>	<i>Depth</i> <i>(ftg)</i>	<i>O&G</i> <i>(µg/L)</i>	<i>TPHd</i> <i>(µg/L)</i>	<i>TPHg</i> <i>(µg/L)</i>	<i>B</i> <i>(µg/L)</i>	<i>T</i> <i>(µg/L)</i>	<i>E</i> <i>(µg/L)</i>	<i>X</i> <i>(µg/L)</i>	<i>MTBE</i> <i>(µg/L)</i>	<i>TBA</i> <i>(µg/L)</i>	<i>Other</i> <i>OXYs</i> <i>(µg/L)</i>	<i>1,2-</i> <i>DCA</i> <i>(µg/L)</i>	<i>EDB</i> <i>(µg/L)</i>	<i>Chlorinated</i> <i>Hydro-</i> <i>carbons</i> <i>(µg/L)</i>	<i>Cd</i> <i>(µg/L)</i>	<i>Cr</i> <i>(µg/L)</i>	<i>Pb</i> <i>(µg/L)</i>	<i>Ni</i> <i>(µg/L)</i>	<i>Zn</i> <i>(µg/L)</i>	<i>Benzoic</i> <i>Acid</i> <i>(µg/L)</i>	<i>PCP</i> <i>(µg/L)</i>	<i>PCBs</i> <i>(µg/L)</i>
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a = Labeled as CPT-1 in laboratory reports

b = San Francisco Bay Regional Water Quality Control Board Environmental Screening Level for groundwater where groundwater is a potential source of drinking water (Tables A and C of *Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater*, California Regional Water Quality Control Board, Interim Final - November 2007 [Revised May 2008]) - Updated May 2013.

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-1	11/06/1987	920	230	<5	150	150	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-1	02/14/1988	3,500	1,300	<40	500	500	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-2	11/06/1987	16,000	870	100	2,700	2,700	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-2	02/14/1988	1,800	440	<10	140	140	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-2	10/13/1988	550	110	1	45	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-2	01/31/1989	620	170	2	62	14	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-2	03/07/1989	1,900	260	270	130	260	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-2	06/26/1989	320	88	1	32	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-2	09/08/1989	230	80	1	30	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-2	12/14/1989	160	56	0.5	21	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-2	03/05/1990	710	57	<0.5	<0.5	88	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-2	06/14/1990	110	39	0.5	11	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-2	10/02/1990	290	84	1.7	160	8.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-2	12/18/1990	61	18	1.4	2.2	2.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-2	03/20/1991	110	30	2.2	10	7	--	--	--	--	--	--	--	--	329.21	--	--	--	--	--
S-2	06/26/1991	50 a	6.3	<0.5	3.3	1.3	--	--	--	--	--	--	--	--	329.21	--	--	--	--	--
S-2	09/05/1991	90	12	3.2	2.5	2.3	--	--	--	--	--	--	--	--	329.21	--	--	--	--	--
S-2	12/13/1991	<50	12	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	329.21	15.85	313.36	--	--	--
S-2	03/11/1992	<30	<0.3	<0.3	<0.3	<0.3	--	--	--	--	--	--	--	--	329.21	14.94	314.27	--	--	--
S-2	06/24/1992	<50	0.9	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	329.21	15.78	313.43	--	--	--
S-2	09/17/1992	78	2.6	1.3	1.3	0.9	--	--	--	--	--	--	--	--	329.21	15.03	314.18	--	--	--
S-2	12/11/1992	<50	0.8	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	329.21	14.81	314.40	--	--	--
S-2	02/04/1993	55	1.3	0.7	0.7	<0.5	--	--	--	--	--	--	--	--	329.21	--	--	--	--	--
S-2	06/03/1993	<50	0.7	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	329.21	--	--	--	--	--
S-2	09/15/1993	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	329.21	14.63	314.58	--	--	--
S-2	12/09/1993	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	329.21	14.70	314.51	--	--	--
S-2	06/16/1994	<50	0.8	<0.5	0.7	<0.5	--	--	--	--	--	--	--	--	329.21	14.94	314.27	--	--	--
S-2	09/13/1994	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	329.21	15.17	314.04	--	--	--
S-2	06/21/1995	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	329.21	14.25	314.96	--	--	--
S-2	06/12/1996	<50	6.1	<0.5	<0.5	<0.5	48	--	--	--	--	--	--	--	329.21	14.31	314.90	--	--	--
S-2	06/25/1997	120	25	0.59	2.4	8.7	130	--	--	--	--	--	--	--	329.21	14.40	314.81	--	--	4.4
S-2	06/19/1998	450	96	<2.5	4	19	180	--	--	--	--	--	--	--	329.21	13.72	315.49	--	--	2.8
S-2	06/17/1999	312	74.4	2.04	1.02	<1.00	147	--	--	--	--	--	--	--	329.21	13.97	315.24	--	--	3.7
S-2	06/15/2000	1,050	261	<5.00	7.54	11.4	13,500	9,850 b	--	--	--	--	--	--	329.21	14.25	314.96	--	--	3.3
S-2	11/29/2000	<250	3.75	<2.50	<2.50	<2.50	12,400	10,700 b	--	--	--	--	--	--	329.21	14.82	314.39	--	--	2.2

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-2	03/07/2001	<500	14.7	<5.00	<5.00	<5.00	8,610	—	—	—	—	—	—	—	—	329.21	13.70	315.51	—	2.3
S-2	06/18/2001	<2,000	<20	<20	<20	<20	—	7,100	—	—	—	—	—	—	—	329.21	14.56	314.65	—	—
S-2	09/17/2001	<2,000	<10	<10	<10	<10	—	7,500	680	<10	<10	<10	—	—	<500	329.21	15.18	314.03	—	—
S-2	12/31/2001	<1,000	<10	<10	<10	<10	—	3,800	—	—	—	—	—	—	—	329.21	13.19	316.02	—	—
S-2	03/13/2002	<1,000	65	<10	13	<10	—	6,500	—	—	—	—	—	—	—	329.21	15.03	314.18	—	—
S-2	06/18/2002	520	28	<5.0	<5.0	<5.0	—	2,800	—	—	—	—	—	—	—	329.21	15.60	313.61	—	—
S-2	09/27/2002	<1,000	<10	<10	<10	<10	—	4,200	—	—	—	—	—	—	—	328.77	14.90	313.87	—	—
S-2	12/27/2002	<1,000	<10	<10	<10	<10	—	4,300	5,600	<10	<10	<10	<10	<10	—	328.77	14.40	314.37	—	—
S-2	03/24/2003	<2,500	28	<25	<25	<50	—	1,300	—	—	—	—	—	—	—	328.77	14.86	313.91	—	—
S-2	05/09/2003	<2,500	36	<25	35	<50	—	4,000	6,200	—	—	—	—	—	—	328.77	13.45	315.32	—	—
S-2	07/08/2003	<2,000	<20	<20	<20	<40	—	3,200	—	—	—	—	—	—	—	328.77	20.10	308.67	—	—
S-2	10/15/2003	960 d	6.9	<2.5	9.0	<5.0	—	90	2,400	—	—	—	—	—	—	328.77	16.67	312.10	—	—
S-2	01/06/2004	690	8.3	<0.50	0.72	2.8	—	82	860	—	—	—	—	—	—	328.77	21.00	307.77	—	—
S-2	04/07/2004	980 d	12	<2.5	<2.5	<5.0	—	28	2,500	—	—	—	—	—	—	328.77	16.62	312.15	—	—
S-2	07/27/2004	62	1.5	<0.50	<0.50	<1.0	—	16	550	<2.0	<2.0	<2.0	—	—	<50	328.77	16.64	312.13	—	—
S-2	10/29/2004	<250	<2.5	<2.5	<2.5	<5.0	—	22	1,800	<10	<10	<10	—	—	<250	328.77	16.43	312.34	—	—
S-2	01/06/2005	<250	<2.5	<2.5	<2.5	<5.0	—	21	2,700	<10	<10	<10	—	—	—	328.77	16.37	312.40	—	—
S-2	04/14/2005	<50	<0.50	<0.50	<0.50	<0.50	—	14	290	<0.50	<0.50	<0.50	—	—	<5.0	328.77	18.54	310.23	—	—
S-2	07/29/2005	1,300 f	<5.0	<5.0	<5.0	<10	—	19	1,000	<20	<20	<20	—	—	<500	328.77	21.37	307.40	—	—
S-2	10/20/2005	1,300	13	<1.0	9.8	2.6	—	26	730	<4.0	<4.0	<4.0	—	—	<100	328.77	21.88	306.89	—	—
S-2	01/26/2006	3,820	16.3	<0.500	5.78	<0.500	—	25.8	445	<0.500	<0.500	<0.500	—	—	<50.0	328.77	21.15	307.62	—	—
S-2	04/24/2006	4,720	68.8	1.44	115	8.31	—	1,600	1,010	<0.500	<0.500	<0.500	—	—	<50.0	328.77	13.80	314.97	—	—
S-2	07/12/2006	<50.0	14.4	<0.500	<0.500	<1.50	—	70.9	1,660	<0.500	<0.500	<0.500	—	—	<50.0	328.77	14.19	314.58	—	—
S-2	10/20/2006	108	5.52	<0.500	0.690	<0.500	—	17.9	382	<0.500	<0.500	<0.500	—	—	<50.0	328.77	14.13	314.64	—	—
S-2	01/22/2007	<50	0.40 k	<0.50	<0.50	<1.0	—	16	450	<1.0	<1.0	<1.0	—	—	<150	328.77	14.05	314.72	—	—
S-2	04/13/2007	52 i	0.53	<1.0	0.22 k	<1.0	—	14	660	<2.0	<2.0	<2.0	—	—	<100	328.77	14.09	314.68	—	—
S-2	07/09/2007	97 ij	4.6	<1.0	<1.0	<1.0	—	23	1,500	<2.0	<2.0	<2.0	—	—	<100	328.77	13.33	315.44	—	—
S-2	10/22/2007	120 i	0.23 k	<1.0	<1.0	<1.0	—	13	2,400	<2.0	<2.0	<2.0	—	—	<100	328.77	14.70	314.07	—	—
S-2	01/09/2008	66 i	1.5 k	<5.0	<5.0	<5.0	—	12	1,500	<10	<10	<10	—	—	<500	328.77	13.65	315.12	—	—
S-2	04/11/2008	450	3.8	<5.0	<5.0	<5.0	—	37	4,300	<10	<10	<10	—	—	<500	328.77	14.47	314.30	—	—
S-2	07/29/2008	370	5.3	<5.0	<5.0	<5.0	—	18	2,300	<10	<10	<10	—	—	<500	328.77	15.00	313.77	—	—
S-2	10/29/2008	100	2.3	<1.0	<1.0	<1.0	—	11	710	<2.0	<2.0	<2.0	—	—	<100	328.77	15.10	313.67	—	—
S-2	01/21/2009	990	37	<1.0	8.8	1.4	—	83	1,200	<2.0	<2.0	<2.0	—	—	<100	328.77	13.89	314.88	—	—
S-2	04/16/2009	2,100	54	1.2	21	3.0	—	88	930	<2.0	<2.0	<2.0	—	—	<100	328.77	13.75	315.02	—	—
S-2	07/09/2009	620	16	<1.0	5.6	<1.0	—	35	900	<2.0	<2.0	<2.0	—	—	<100	328.77	15.18	313.59	—	—
S-2	01/11/2010	3,300	39	1.5	23	4.1	—	51	600	<2.0	<2.0	<2.0	—	—	<100	328.77	13.68	315.09	—	—

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-2	01/21/2011	2,000	21	0.99	21	3.0	—	25	820	<1.0	<1.0	<1.0	—	—	<150	328.77	13.75	315.02	—	—
S-2	07/20/2011	590	1.9	<1.0	<1.0	<2.0	—	9.4	910	—	—	—	—	—	<300	328.77	14.61	314.16	—	—
S-2	01/06/2012	430	2.5	<1.0	1.8	<2.0	—	5.6	430	<2.0	<2.0	<2.0	—	—	<300	328.77	15.91	312.86	—	—
S-2	01/04/2013	1,200	6.7	0.53	5.6	1.1	—	9.1	570	<0.50	<0.50	<0.50	—	—	<150	328.77	13.30	315.47	—	—
S-2	06/06/2014	—	—	—	—	—	—	—	—	—	—	—	—	—	—	328.77	16.15	312.62	—	—
S-2	07/30/2014	—	—	—	—	—	—	—	—	—	—	—	—	—	—	328.77	16.88	311.89	—	—
S-3	02/14/1988	<50	<0.5	<1	<4	<4	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-3	10/13/1988	<50	<0.5	<1	<1	<3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-3	01/31/1989	<50	<0.5	<1	<1	<3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-3	03/07/1989	<50	<0.5	<1	<1	<3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-3	06/26/1989	<50	<0.5	<1	<1	<3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-3	09/08/1989	<50	<0.5	<1	<1	<3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-3	12/14/1989	<50	<0.5	<0.5	<0.5	<1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-3	03/05/1990	<50	<0.5	<0.5	<0.5	<1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-3	06/14/1990	<500	<0.5	<0.5	<0.5	<1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-3	10/02/1990	<50	<0.5	<0.5	<0.5	1.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-3	12/18/1990	<50	<0.5	1.6	<0.5	2.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-3	03/20/1991	70	2.3	8.9	4.0	23	—	—	—	—	—	—	—	—	—	327.67	—	—	—	—
S-3	06/26/1991	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	327.67	—	—	—	—
S-3	09/05/1991	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	327.67	—	—	—	—
S-3	12/13/1991	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	327.67	13.87	313.80	—	—
S-3	03/11/1992	<30	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	327.67	13.05	314.62	—	—
S-3	06/24/1992	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	327.67	13.86	313.81	—	—
S-3	09/17/1992	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	327.67	13.01	314.66	—	—
S-3	12/11/1992	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	327.67	13.00	314.67	—	—
S-3	02/04/1993	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	327.67	—	—	—	—
S-3	06/03/1993	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	327.67	—	—	—	—
S-3	09/15/1993	—	—	—	—	—	—	—	—	—	—	—	—	—	—	327.67	13.02	314.65	—	—
S-3	09/13/1994	—	—	—	—	—	—	—	—	—	—	—	—	—	—	327.67	15.17	312.50	—	—
S-3	06/21/1995	50	4.1	<0.5	20	1.2	—	—	—	—	—	—	—	—	—	327.67	12.49	315.18	—	—
S-3	06/12/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	—	—	—	—	—	—	—	—	327.67	12.53	315.14	—	—
S-3	06/25/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	—	—	—	—	—	—	—	—	327.67	12.64	315.03	—	1.8
S-3	06/19/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	—	—	—	—	—	—	—	—	327.67	11.74	315.93	—	4.1
S-3	06/17/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	—	—	—	—	—	—	—	—	327.67	12.35	315.32	—	2.8
S-3	06/15/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	—	—	—	—	—	—	—	—	327.67	12.51	315.16	—	3.2

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-3	11/29/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	—	—	—	—	—	—	—	—	327.67	12.84	314.83	—	1.0
S-3	03/07/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	—	—	—	—	—	—	—	—	327.67	12.42	315.25	—	2.8
S-3	06/18/2001	<50	0.66	1.1	<0.50	0.51	—	0.66	—	—	—	—	—	—	—	327.67	13.74	313.93	—	—
S-3	09/17/2001	<50	0.73	0.96	<0.50	0.61	—	<5.0	—	—	—	—	—	—	—	327.67	13.25	314.42	—	—
S-3	12/31/2001	<50	<0.50	<0.50	<0.50	<0.50	—	<5.0	—	—	—	—	—	—	—	327.67	12.38	315.29	—	—
S-3	03/13/2002	<50	<0.50	<0.50	<0.50	<0.50	—	<5.0	—	—	—	—	—	—	—	327.67	13.16	314.51	—	—
S-3	06/18/2002	<50	<0.50	<0.50	<0.50	<0.50	—	<5.0	—	—	—	—	—	—	—	327.67	13.55	314.12	—	—
S-3	09/27/2002	<50	<0.50	<0.50	<0.50	<0.50	—	<5.0	—	—	—	—	—	—	—	327.40	13.32	314.08	—	—
S-3	12/27/2002	<50	<0.50	<0.50	<0.50	<0.50	—	<5.0	<50	<2.0	<2.0	<2.0	<2.0	<2.0	—	327.40	12.55	314.85	—	—
S-3	03/24/2003	<50	<0.50	<0.50	<0.50	<1.0	—	<5.0	—	—	—	—	—	—	—	327.40	12.71	314.69	—	—
S-3	05/09/2003	<50	<0.50	<0.50	<0.50	<1.0	—	<0.50	<5.0	—	—	—	—	—	—	327.40	12.27	315.13	—	—
S-3	07/08/2003	<50	<0.50	<0.50	<0.50	<1.0	—	1.7	<5.0	—	—	—	—	—	—	327.40	14.10	313.30	—	—
S-3	10/15/2003	<50	<0.50	<0.50	<0.50	<1.0	—	<0.50	<5.0	—	—	—	—	—	—	327.40	14.64	312.76	—	—
S-3	01/06/2004	<50	<0.50	<0.50	<0.50	<1.0	—	<0.50	<5.0	—	—	—	—	—	—	327.40	15.11	312.29	—	—
S-3	04/07/2004	<50	<0.50	<0.50	<0.50	<1.0	—	<0.50	<5.0	—	—	—	—	—	—	327.40	14.36	313.04	—	—
S-3	07/27/2004	<50	<0.50	<0.50	<0.50	<1.0	—	<0.50	<5.0	<2.0	<2.0	<2.0	—	—	<50	327.40	14.21	313.19	—	—
S-3	10/29/2004	<50	<0.50	<0.50	<0.50	<1.0	—	<0.50	<5.0	<2.0	<2.0	<2.0	—	—	<50	327.40	14.03	313.37	—	—
S-3	01/06/2005	<50	<0.50	<0.50	<0.50	<1.0	—	<0.50	<5.0	<2.0	<2.0	<2.0	—	—	—	327.40	14.08	313.32	—	—
S-3	04/14/2005	<50	<0.50	<0.50	<0.50	<0.50	—	<0.50	<5.0	<0.50	<0.50	<0.50	—	—	<5.0	327.40	12.16	315.24	—	—
S-3	07/29/2005	<50	<0.50	<0.50	<0.50	<1.0	—	<0.50	<5.0	<2.0	<2.0	<2.0	—	—	<50	327.40	15.29	312.11	—	—
S-3	10/20/2005	<50	<0.50	<0.50	<0.50	<1.0	—	<0.50	<5.0	<2.0	<2.0	<2.0	—	—	<50	327.40	15.90	311.50	—	—
S-3	01/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	<0.500	59.5	<0.500	<0.500	<0.500	—	—	<50.0	327.40	15.00	312.40	—	—
S-3	04/24/2006	<50.0	0.610	0.640	<0.500	<0.500	—	<0.500	13.0	<0.500	<0.500	<0.500	—	—	<50.0	327.40	12.03	315.37	—	—
S-3	07/12/2006	<50.0	<0.500	<0.500	<0.500	<1.50	—	<0.500	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	327.40	12.35	315.05	—	—
S-3	10/20/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	<0.500	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	327.40	12.46	314.94	—	—
S-3	01/22/2007	<50	<0.50	<0.50	<0.50	<1.0	—	<1.0	<10	<1.0	<1.0	<1.0	—	—	<150	327.40	13.05	314.35	—	—
S-3	04/13/2007	<50 i	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	327.40	12.50	314.90	—	—
S-3	07/09/2007	<50 i	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	327.40	12.04	315.36	—	—
S-3	10/22/2007	<50 i	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	327.40	13.02	314.38	—	—
S-3	01/09/2008	<50 i	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	327.40	12.21	315.19	—	—
S-3	04/11/2008	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	327.40	12.80	314.60	—	—
S-3	07/29/2008	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	13	<2.0	<2.0	<2.0	—	—	170	327.40	13.25	314.15	—	—
S-3	10/29/2008	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	327.40	13.40	314.00	—	—
S-3	01/21/2009	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	327.40	12.41	314.99	—	—
S-3	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	327.40	12.20	315.20	—	—
S-3	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	327.40	13.49	313.91	—	—

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-3	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	327.40	12.39	315.01	—	—
S-3	07/06/2010	—	—	—	—	—	—	—	—	—	—	—	—	—	—	327.40	12.80	314.60	—	—
S-3	01/21/2011	<50	<0.50	<0.50	<0.50	<1.0	—	<1.0	<10	<1.0	<1.0	<1.0	—	—	<150	327.40	12.53	314.87	—	—
S-3	07/20/2011	—	—	—	—	—	—	—	—	—	—	—	—	—	—	327.40	12.95	314.45	—	—
S-3	01/06/2012	<50	<0.50	<0.50	<0.50	<1.0	—	<1.0	<10	<1.0	<1.0	<1.0	—	—	<150	327.40	13.84	313.56	—	—
S-3	01/04/2013	<50	<0.50	<0.50	<0.50	<1.0	—	<0.50	<10	<0.50	<0.50	<0.50	—	—	<150	327.40	11.72	315.68	—	—
S-3	06/06/2014	—	—	—	—	—	—	—	—	—	—	—	—	—	—	327.40	14.43	312.97	—	—
S-3	07/30/2014	—	—	—	—	—	—	—	—	—	—	—	—	—	—	327.40	14.89	312.51	—	—
S-4	02/14/1988	5,100	160	8	730	730	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-4	10/13/1988	530	24	1	25	16	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-4	01/31/1989	1,100	33	2	20	24	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-4	03/07/1989	650	37	1	35	27	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-4	06/26/1989	670	110	<1	85	71	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-4	09/08/1989	380	32	<1	36	26	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-4	12/14/1989	210	21	<0.5	30	23	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-4	03/05/1990	350	43	<0.5	24	47	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-4	06/14/1990	430	74	<0.5	71	46	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-4	10/02/1990	700	74	2.2	100	55	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-4	12/18/1990	1,400	180	2.9	280	230	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-4	03/20/1991	1,200	100	<2.0	210	130	—	—	—	—	—	—	—	—	—	328.53	—	—	—	—
S-4	06/26/1991	220	14	<0.5	34	17	—	—	—	—	—	—	—	—	—	328.53	—	—	—	—
S-4	09/05/1991	580	31	0.8	53	26	—	—	—	—	—	—	—	—	—	328.53	—	—	—	—
S-4	12/13/1991	370	24	0.9	1.3	46	—	—	—	—	—	—	—	—	—	328.53	15.20	313.33	—	—
S-4	03/11/1992	1,600	23	1.2	12	20	—	—	—	—	—	—	—	—	—	328.53	14.37	314.16	—	—
S-4	06/24/1992	480	48	<1.0	95	22	—	—	—	—	—	—	—	—	—	328.53	15.30	313.23	—	—
S-4	09/17/1992	260	35	1.2	51	7.8	—	—	—	—	—	—	—	—	—	328.53	14.17	314.36	—	—
S-4	12/11/1992	270	34	0.8	28	4.5	—	—	—	—	—	—	—	—	—	328.53	14.18	314.35	—	—
S-4	02/04/1993	1,100	12	<5.0	89	100	—	—	—	—	—	—	—	—	—	328.53	—	—	—	—
S-4	06/03/1993	210	48	1.1	42	4	—	—	—	—	—	—	—	—	—	328.53	—	—	—	—
S-4	09/15/1993	700	21	<1.0	110	91	—	—	—	—	—	—	—	—	—	328.53	13.86	314.67	—	—
S-4	12/09/1993	250	39	<0.5	3.8	2.6	—	—	—	—	—	—	—	—	—	328.53	14.16	314.37	—	—
S-4	03/04/1994	150	25	1.4	6.8	2.8	—	—	—	—	—	—	—	—	—	328.53	14.17	314.36	—	—
S-4 (D)	03/04/1994	140	28	0.8	7.9	3.2	—	—	—	—	—	—	—	—	—	328.53	14.17	314.36	—	—
S-4	06/16/1994	90	12	<0.5	1.8	2.4	—	—	—	—	—	—	—	—	—	328.53	14.14	314.39	—	—
S-4 (D)	06/16/1994	80	5.9	<0.5	1.5	0.9	—	—	—	—	—	—	—	—	—	328.53	14.14	314.39	—	—

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-4	09/13/1994	<50	23	<0.5	4.9	2.4	—	—	—	—	—	—	—	—	—	328.53	14.42	314.11	—	—
S-4 (D)	09/13/1994	<50	23	<0.5	4.0	2.3	—	—	—	—	—	—	—	—	—	328.53	14.42	314.11	—	—
S-4	06/21/1995	270	34	1.4	25	7.6	—	—	—	—	—	—	—	—	—	328.53	13.82	314.71	—	—
S-4 (D)	06/21/1995	280	35	2.1	26	8.4	—	—	—	—	—	—	—	—	—	328.53	13.82	314.71	—	—
S-4	06/12/1996	360	52	<0.5	<0.5	<0.5	92	—	—	—	—	—	—	—	—	328.53	13.64	314.89	—	—
S-4 (D)	06/12/1996	430	54	<1.2	72	21	96	—	—	—	—	—	—	—	—	328.53	13.64	314.89	—	—
S-4	06/25/1997	6,700	93	1,200	240	1,300	6,900	6,800	—	—	—	—	—	—	—	328.53	13.74	314.79	—	0.6
S-4	06/19/1998	3,500	56	15	140	670	2,100	—	—	—	—	—	—	—	—	328.53	12.55	315.98	—	0.8
S-4 (D)	06/19/1998	3,000	51	14	110	530	2,000	—	—	—	—	—	—	—	—	328.53	12.55	315.98	—	0.8
S-4	06/17/1999	1,510	28.4	9.84	176	132	1,780	—	—	—	—	—	—	—	—	328.53	13.24	315.29	—	4.8
S-4	06/15/2000	<500	12.0	<5.00	31.0	22.8	12,200	—	—	—	—	—	—	—	—	328.53	13.65	314.88	—	2.1
S-4	11/29/2000	<500	<5.00	<5.00	<5.00	<5.00	12,100	—	—	—	—	—	—	—	—	328.53	14.23	314.30	—	1.8
S-4	03/07/2001	<500	5.44	<5.00	6.49	<5.00	11,400	14,500	—	—	—	—	—	—	—	328.53	13.15	315.38	—	2.4
S-4	06/18/2001	<1,000	<10	<10	<10	<10	—	3,500	—	—	—	—	—	—	—	328.53	13.81	314.72	—	—
S-4	09/17/2001	<500	<5.0	<5.0	<5.0	<5.0	—	7,700	—	—	—	—	—	—	—	328.53	14.29	314.24	—	—
S-4	12/31/2001	<1,000	<10	<10	<10	<10	—	3,800	—	—	—	—	—	—	—	328.53	13.44	315.09	—	—
S-4	03/13/2002	<2,500	<25	<25	<25	<25	—	18,000	—	—	—	—	—	—	—	328.53	14.42	314.11	—	—
S-4	06/18/2002	<100	1.1	<1.0	<1.0	<1.0	—	530	—	—	—	—	—	—	—	328.53	15.19	313.34	—	—
S-4	09/27/2002	<200	<2.0	<2.0	<2.0	<2.0	—	1,100	—	—	—	—	—	—	—	328.11	14.32	313.79	—	—
S-4	12/27/2002	280	3.5	<2.5	17	4.7	—	390	9,000	<2.5	<2.5	<5.0	<2.5	<2.5	—	328.11	13.50	314.61	—	—
S-4	03/24/2003	<2,500	<25	<25	<25	<50	—	780	—	—	—	—	—	—	—	328.11	14.56	313.55	—	—
S-4	05/09/2003	<2,500	<25	<25	<25	<50	—	1,200	18,000	—	—	—	—	—	—	328.11	13.20	314.91	—	—
S-4	07/08/2003	<2,500	<25	<25	<25	<50	—	1,700	8,700	—	—	—	—	—	—	328.11	20.87	307.24	—	—
S-4	10/15/2003	<2,500	<25	<25	<25	<50	—	280	11,000	—	—	—	—	—	—	328.11	16.15	311.96	—	—
S-4	01/06/2004	3,500	<5.0	19	190	570	—	58	9,600	—	—	—	—	—	—	328.11	21.64	306.47	—	—
S-4	04/07/2004	<1,000	<10	<10	<10	<20	—	110	9,900	—	—	—	—	—	—	328.11	20.89	307.22	—	—
S-4	07/27/2004	<1,000	<10	<10	<10	<20	—	<10	10,000	<40	<40	<40	—	—	<1,000	328.11	20.78	307.33	—	—
S-4	10/29/2004	<1,000	<10	<10	<10	<20	—	110	5,600	<40	<40	<40	—	—	<1,000	328.11	20.53	307.58	—	—
S-4	01/06/2005	<1,000	<10	<10	<10	<20	—	<10	6,500	<40	<40	<40	—	—	—	328.11	20.44	307.67	—	—
S-4	04/14/2005	<250	<2.5	<2.5	3.1	<2.5	—	120	6,000	<2.5	<2.5	<2.5	—	—	<25	328.11	18.60	309.51	—	—
S-4	07/29/2005	<250	<2.5	<2.5	<2.5	<5.0	—	4.4	3,100	<10	<10	<10	—	—	<250	328.11	21.03	307.08	—	—
S-4	10/20/2005	<250	<2.5	<2.5	<2.5	<5.0	—	<2.5	2,700	<10	<10	<10	—	—	<250	328.11	21.62	306.49	—	—
S-4	01/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	0.950	723	<0.500	<0.500	<0.500	—	—	<50.0	328.11	21.10	307.01	—	—
S-4	04/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	79.4	1,310	<0.500	<0.500	<0.500	—	—	<50.0	328.11	13.24	314.87	—	—
S-4	07/12/2006	<50.0	4.42	<0.500	29.1	36.5	—	230	1,530	<0.500	<0.500	0.930	—	—	<50.0	328.11	13.45	314.66	—	—
S-4	10/20/2006	1,150	5.30	0.990	41.5	2.79	—	208	2,160	<0.500	<0.500	<0.500	—	—	<50.0	328.11	13.63	314.48	—	—

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-4	01/22/2007	550	4.8	<2.5	30	<5.0	—	130	3,000	<5.0	<5.0	<5.0	—	—	<750	328.11	14.32	313.79	—	—
S-4	04/13/2007	320 i,j	0.48 k	<1.0	3.3	<1.0	—	18	390	<2.0	<2.0	<2.0	—	—	<100	328.11	13.68	314.43	—	—
S-4	07/09/2007	240 i	1.5	0.32 k	6.9	<1.0	—	59	1,900	<2.0	<2.0	<2.0	—	—	<100	328.11	12.78	315.33	—	—
S-4	10/22/2007	170 i	1.3 k	<5.0	3.8 k	<5.0	—	36	1,600	<10	<10	<10	—	—	<500	328.11	14.26	313.85	—	—
S-4	01/09/2008	85 i	<2.5	<5.0	1.3 k	<5.0	—	26	1,700	<10	<10	<10	—	—	<500	328.11	13.40	314.71	—	—
S-4	04/11/2008	430	<2.5	<5.0	<5.0	<5.0	—	49	3,100	<10	<10	<10	—	—	<500	328.11	14.00	314.11	—	—
S-4	07/29/2008	190	1.1	<1.0	1.3	<1.0	—	24	1,500	<2.0	<2.0	<2.0	—	—	<100	328.11	14.64	313.47	—	—
S-4	10/29/2008	180	1.3	<1.0	5.7	<1.0	—	21	1,700	<2.0	<2.0	<2.0	—	—	<100	328.11	14.73	313.38	—	—
S-4	01/21/2009	940	4.6	<2.0	31	<2.0	—	38	2,400	<4.0	<4.0	<4.0	—	—	<200	328.11	13.66	314.45	—	—
S-4	04/16/2009	680	3.4	<5.0	14	<5.0	—	29	2,200	<10	<10	<10	—	—	<500	328.11	13.43	314.68	—	—
S-4	07/09/2009	280	<2.5	<5.0	<5.0	<5.0	—	17	1,900	<10	<10	<10	—	—	<500	328.11	15.04	313.07	—	—
S-4	01/11/2010	580	2.8	<2.0	6.0	<2.0	—	19	1,500	<4.0	<4.0	<4.0	—	—	<200	328.11	13.75	314.36	—	—
S-4	07/06/2010	490	1.8	<1.0	23	<1.0	—	11	890	—	—	—	—	—	<100	328.11	14.35	313.76	—	—
S-4	01/21/2011	58	1.4	<0.50	<0.50	<1.0	—	13	810	<1.0	<1.0	<1.0	—	—	<150	328.11	13.85	314.26	—	—
S-4	07/20/2011	87	<0.50	<0.50	<0.50	<1.0	—	8.3	780	—	—	—	—	—	<150	328.11	14.26	313.85	—	—
S-4	01/06/2012	<50	<1.0	<1.0	<1.0	<2.0	—	3.5	420	<2.0	<2.0	<2.0	—	—	<300	328.11	15.63	312.48	—	—
S-4	01/04/2013	<50	<0.50	<0.50	<0.50	<1.0	—	2.6	270	<0.50	<0.50	<0.50	—	—	<150	328.11	13.10	315.01	—	—
S-4	06/06/2014	—	—	—	—	—	—	—	—	—	—	—	—	—	—	328.11	15.97	312.14	—	—
S-4	07/30/2014	—	—	—	—	—	—	—	—	—	—	—	—	—	—	328.11	16.49	311.62	—	—
S-5	02/14/1988	1,000	40	86	180	180	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-5	10/13/1988	560	66	20	18	36	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-5	01/31/1989	180	27	8	9	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-5	03/07/1989	3,800	520	530	260	570	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-5	06/26/1989	<50	3.8	<1	2	<3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-5	09/08/1989	110	25	2	2	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-5	12/14/1989	1,700	300	86	67	140	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-5	03/05/1990	1,100	100	110	79	240	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-5	06/14/1990	600	94	36	40	62	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-5	10/02/1990	4,500	1,400	160	260	300	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-5	11/20/1990	16,000	4,600	720	790	1,000	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-5	12/18/1990	25,000	7,600	1,100	1,300	2,300	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-5	03/20/1991	310	39	12	18	30	—	—	—	—	—	—	—	—	—	329.66	—	—	—	—
S-5	06/26/1991	1,300	250	62	120	180	—	—	—	—	—	—	—	—	—	329.66	—	—	—	—
S-5	09/05/1991	4,700	660	150	170	280	—	—	—	—	—	—	—	—	—	329.66	—	—	—	—
S-5	12/13/1991	1,400	580	19	110	80	—	—	—	—	—	—	—	—	—	329.66	17.48	312.18	—	—

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-5	03/11/1992	<30	<0.3	<0.3	<0.3	<0.3	—	—	—	—	—	—	—	—	—	329.66	16.22	313.44	—	—
S-5	06/24/1992	1,800	380	52	120	180	—	—	—	—	—	—	—	—	—	329.66	17.47	312.19	—	—
S-5	09/17/1992	2,200	750	91	170	170	—	—	—	—	—	—	—	—	—	329.66	16.84	312.82	—	—
S-5	12/11/1992	8,700	1,600	66	48	340	—	—	—	—	—	—	—	—	—	329.66	16.37	313.29	—	—
S-5	02/04/1993	150	156	0.7	4.7	4	—	—	—	—	—	—	—	—	—	329.66	—	—	—	—
S-5	06/03/1993	480	140	3.4	17	14	—	—	—	—	—	—	—	—	—	329.66	—	—	—	—
S-5	09/15/1993	80	2.4	0.5	1.4	2.9	—	—	—	—	—	—	—	—	—	329.66	16.20	313.46	—	—
S-5	12/09/1993	120	0.56	<0.5	2.2	1.2	—	—	—	—	—	—	—	—	—	329.66	16.26	313.40	—	—
S-5	03/04/1994	70	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	329.66	16.25	313.41	—	—
S-5	06/16/1994	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	329.66	16.04	313.62	—	—
S-5	09/13/1994	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	329.66	11.52	318.14	—	—
S-5	06/21/1995	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	329.66	14.50	315.16	—	—
S-5	06/12/1996	<500	6.0	<5.0	<5.0	<5.0	1,400	—	—	—	—	—	—	—	—	329.66	12.53	317.13	—	—
S-5	06/25/1997	<250	<2.5	<2.5	<2.5	<2.5	1,100	—	—	—	—	—	—	—	—	329.66	15.34	314.32	—	1.1
S-5	06/19/1998	<50	1.0	<0.50	<0.50	<0.50	61	—	—	—	—	—	—	—	—	329.66	13.71	315.95	—	3.6
S-5	06/17/1999	<50.0	1.44	<0.500	<0.500	<0.500	336	—	—	—	—	—	—	—	—	329.66	13.56	316.10	—	1.4
S-5	06/15/2000	<50.0	0.820	<0.500	<0.500	<0.500	221	—	—	—	—	—	—	—	—	329.66	15.00	314.66	—	2.7
S-5	11/29/2000	<50.0	<0.500	<0.500	<0.500	<0.500	183	—	—	—	—	—	—	—	—	329.66	16.29	313.37	—	0.7
S-5	03/07/2001	<50.0	<0.500	<0.500	<0.500	<0.500	7.55	—	—	—	—	—	—	—	—	329.66	15.49	314.17	—	2.5
S-5	06/18/2001	<50	<0.50	<0.50	<0.50	<0.50	—	11	—	—	—	—	—	—	—	329.66	15.50	314.16	—	—
S-5	09/17/2001	<50	<0.50	<0.50	<0.50	<0.50	—	17	—	—	—	—	—	—	—	329.66	16.35	313.31	—	—
S-5	12/31/2001	<50	<0.50	<0.50	<0.50	<0.50	—	<5.0	—	—	—	—	—	—	—	329.66	12.80	316.86	—	—
S-5	03/13/2002	<50	<0.50	<0.50	<0.50	<0.50	—	93	—	—	—	—	—	—	—	329.66	16.32	313.34	—	—
S-5	06/18/2002	<50	<0.50	<0.50	<0.50	<0.50	—	130	—	—	—	—	—	—	—	329.66	17.00	312.66	—	—
S-5	09/27/2002	<50	0.88	<0.50	<0.50	<0.50	—	280	—	—	—	—	—	—	—	329.36	16.34	313.02	—	—
S-5	12/27/2002	<50	1.9	<0.50	<0.50	<0.50	—	87	<50	<2.0	<2.0	<2.0	<2.0	<2.0	—	329.36	15.45	313.91	—	—
S-5	03/24/2003	<250	2.5	<2.5	<2.5	<5.0	—	220	—	—	—	—	—	—	—	329.36	16.70	312.66	—	—
S-5	05/09/2003	<50	<0.50	<0.50	<0.50	<1.0	—	110	17	—	—	—	—	—	—	329.36	13.16	316.20	—	—
S-5	07/08/2003	<1,000	<10	<10	<10	<20	—	320	<100	—	—	—	—	—	—	329.36	19.00	310.36	—	—
S-5	10/15/2003	1,400 d	27	<2.5	<2.5	<5.0	—	180	51	—	—	—	—	—	—	329.36	19.08	310.28	—	—
S-5	01/06/2004	84,000	1,400	1,200	<25	17,000	—	140	<250	—	—	—	—	—	—	329.36	20.97	308.39	—	—
S-5	04/07/2004	20,000	70	<25	230	290	—	66	<250	—	—	—	—	—	—	329.36	20.81	308.55	—	—
S-5	07/27/2004	9,900	46	<25	74	<50	—	43	<250	<100	<100	<100	—	—	<2,500	329.36	20.93	308.46	0.04	—
S-5	08/04/2004	22,000	48	<10	63	38	—	—	—	—	—	—	—	—	—	329.36	20.97	308.46	0.09	—
S-5	10/29/2004	14,000	93	<25	96	94	—	<25	<250	<100	<100	<100	—	—	<2,500	329.36	18.59	310.77	—	—
S-5	01/06/2005	4,500	32	<10	47	86	—	<10	<100	<40	<40	<40	—	—	—	329.36	18.83	310.53	—	—

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-5	04/14/2005	1,700	1.0	<0.50	8.4	16	—	5.6	8.1	<0.50	<0.50	<0.50	—	—	<5.0	329.36	15.03	314.33	—	—
S-5	07/29/2005	3,900	8.9	<2.5	9.8	13	—	21	<200	<10	<10	<40	—	—	<1,000	329.36	19.71	309.65	—	—
S-5	10/20/2005	3,300	27	<2.5	9.1	14	—	6.0	32	<10	<10	<10	—	—	<250	329.36	21.90	307.46	—	—
S-5	11/11/2005	2,300	54	0.69	15	19	—	8.3	<5.0	—	—	—	—	—	—	329.36	22.17	307.19	—	—
S-5	01/26/2006	6,680	43.6	4.93	38.2	89.1	—	8.38	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	329.36	20.85	308.51	—	—
S-5	04/24/2006	1,930	1.43	<0.500	<0.500	12.1	—	2.76	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	329.36	14.40	314.96	—	—
S-5	07/12/2006	<50.0	4.24	<0.500	25.8	44.8	—	6.43	35.3	<0.500	<0.500	<0.500	—	—	<50.0	329.36	15.50	313.86	—	—
S-5	10/20/2006	2,890	17.5	0.760	55.1	106	—	3.78	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	329.36	15.55	313.81	—	—
S-5	01/22/2007	1,600	7.3	0.54	35	60	—	0.73 k	<10	<1.0	<1.0	<1.0	—	—	<150	329.36	15.74	313.62	—	—
S-5	04/13/2007	1,100 i	4.6	0.47 k	18	25.9	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	329.36	15.69	313.67	—	—
S-5	07/09/2007	440 i	3.0	0.29 k	13	19.7	—	2.8	<10	<2.0	<2.0	<2.0	—	—	<100	329.36	15.46	313.90	—	—
S-5	10/22/2007	6,300 i	3.1	0.41 k	21	28.3	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	329.36	15.87	313.49	—	—
S-5	01/09/2008	590 i	0.69	0.28 k	10	11.3	—	0.71 k	<10	<2.0	<2.0	<2.0	—	—	100	329.36	14.97	314.39	—	—
S-5	04/11/2008	470	0.76	<1.0	5.4	4.7	—	4.9	18	<2.0	<2.0	<2.0	—	—	<100	329.36	16.38	312.98	—	—
S-5	07/29/2008	350	1.1	<1.0	3.9	2.3	—	4.4	18	<2.0	<2.0	<2.0	—	—	<100	329.36	16.22	313.14	—	—
S-5	10/29/2008	630	5.7	<1.0	4.5	2.9	—	9.5	23	<2.0	<2.0	<2.0	—	—	<100	329.36	17.50	311.86	—	—
S-5	01/21/2009	1,200	14	<1.0	7.0	4.1	—	22	46	<2.0	<2.0	<2.0	—	—	<100	329.36	16.52	312.84	—	—
S-5	04/16/2009	280	1.3	<1.0	2.7	1.4	—	11	35	<2.0	<2.0	<2.0	—	—	<100	329.36	15.95	313.41	—	—
S-5	07/09/2009	500	4.3	<1.0	2.9	1.4	—	22	32	<2.0	<2.0	<2.0	—	—	<100	329.36	17.46	311.90	—	—
S-5	01/11/2010	370	5.0	<1.0	4.0	<1.0	—	26	31	<2.0	<2.0	<2.0	—	—	<100	329.36	16.68	312.68	—	—
S-5	07/06/2010	1,300	6.5	<1.0	8.5	<1.0	—	49	85	—	—	—	—	—	<100	329.36	16.20	313.16	—	—
S-5	01/21/2011	330	1.4	<0.50	1.3	<1.0	—	21	40	<1.0	<1.0	<1.0	—	—	<150	329.36	16.27	313.09	—	—
S-5	07/20/2011	430	3.2	<0.50	3.0	<1.0	—	22	33	—	—	—	—	—	<150	329.36	16.76	312.60	—	—
S-5	01/06/2012	690	5.5	<0.50	1.5	<1.0	—	40	56	<1.0	<1.0	<1.0	—	—	<150	329.36	18.03	311.33	—	—
S-5	01/04/2013	330	2.1	<0.50	0.82	<1.0	—	4.0	<10	<0.50	<0.50	<0.50	—	—	<150	329.36	14.89	314.47	—	—
S-5	11/08/2013	—	—	—	—	—	—	120	—	—	—	—	—	—	—	329.36	15.81	313.55	—	—
S-5	06/06/2014	300	1.9	<0.50	<0.50	<1.0	—	9.5	<10	—	—	—	—	—	—	329.36	18.43	310.93	—	—
S-5	07/30/2014	970	27	0.52	1.4	<1.0	—	87	110	—	—	—	—	—	—	329.36	18.90	310.46	—	—
S-5B	11/08/2005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	332.25	43.71	288.54	—	—
S-5B	11/11/2005	<50	<0.50	<0.50	<0.50	<1.0	—	2.5	15	—	—	—	—	—	—	332.25	43.79	288.46	—	—
S-5B	01/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	1.63	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	332.25	38.21	294.04	—	—
S-5B	04/24/2006	<50.0	0.540	1.18	<0.500	<0.500	—	1.88	12.2	<0.500	<0.500	<0.500	—	—	<50.0	332.25	30.68	301.57	—	—
S-5B	07/12/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	1.63	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	332.25	30.05	302.20	—	—
S-5B	10/20/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	1.04	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	332.25	31.60	300.65	—	—
S-5B	01/22/2007	<50	0.33 k	0.36 k	0.27 k	<1.0	—	0.90 k	<10	<1.0	<1.0	<1.0	—	—	<150	332.25	27.79	304.46	—	—

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE		TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-		EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to	GW	SPH	DO
							8020 (µg/L)	8260 (µg/L)					DCA (µg/L)	Elevation (ft MSL)				Water (ft TOC)	Elevation (ft MSL)	Thickness (ft)	Reading (mg/L)
S-5B	04/13/2007	<50 i	0.30 k	0.28 k	<1.0	<1.0	—	0.73 k	<10	<2.0	<2.0	<2.0	—	—	79 k	332.25	24.78	307.47	—	—	
S-5B	07/09/2007	<50 i	0.37 k	<1.0	<1.0	<1.0	—	0.49 k	<10	<2.0	<2.0	<2.0	—	—	<100	332.25	31.12	301.13	—	—	
S-5B	10/22/2007	66 i	0.33 k	<1.0	<1.0	<1.0	—	0.64 k	5.7 k	<2.0	<2.0	<2.0	—	—	<100	332.25	29.64	302.61	—	—	
S-5B	01/09/2008	<50 i	0.29 k	<1.0	<1.0	<1.0	—	0.46 k	<10	<2.0	<2.0	<2.0	—	—	220	332.25	25.52	306.73	—	—	
S-5B	04/11/2008	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	332.25	25.32	306.93	—	—	
S-5B	07/29/2008	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	100	332.25	32.33	299.92	—	—	
S-5B	10/29/2008	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	332.25	34.51	297.74	—	—	
S-5B	01/21/2009	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	10	<2.0	<2.0	<2.0	—	—	<100	332.25	32.27	299.98	—	—	
S-5B	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	14	<2.0	<2.0	<2.0	—	—	<100	332.25	29.30	302.95	—	—	
S-5B	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	200	332.25	34.41	297.84	—	—	
S-5B	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	200	332.25	37.45	294.80	—	—	
S-5B	07/06/2010	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	—	—	—	—	—	<100	332.25	35.18	297.07	—	—	
S-5B	01/21/2011	<50	<0.50	<0.50	<0.50	<1.0	—	<1.0	<10	<1.0	<1.0	<1.0	—	—	<150	332.25	36.52	295.73	—	—	
S-5B	07/20/2011	<50	<0.50	<0.50	<0.50	<1.0	—	<1.0	<10	—	—	—	—	—	<150	332.25	34.97	297.28	—	—	
S-5B	01/06/2012	<50	<0.50	<0.50	<0.50	<1.0	—	1.0	<10	<1.0	<1.0	<1.0	—	—	<150	332.25	36.10	296.15	—	—	
S-5B	01/04/2013	<50	<0.50	<0.50	<0.50	<1.0	—	0.87	<10	<0.50	<0.50	<0.50	—	—	<150	332.25	45.31	286.94	—	—	
S-5B	06/06/2014	<50	<0.50	<0.50	<0.50	1.5	—	<0.50	34	—	—	—	—	—	332.25	52.56	279.69	—	—		
S-5B	07/30/2014	<50	<0.50	<0.50	<0.50	<1.0	—	<0.50	<10	—	—	—	—	—	332.25	53.35	278.90	—	—		
S-5C	11/08/2005	—	—	—	—	—	—	—	—	—	—	—	—	—	332.33	43.69	288.64	—	—		
S-5C	11/11/2005	55	<0.50	0.67	<0.50	<1.0	—	0.87	<5.0	—	—	—	—	—	332.33	43.65	288.68	—	—		
S-5C	01/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	1.91	41.2	<0.500	<0.500	<0.500	—	—	<50.0	332.33	38.11	294.22	—	—	
S-5C	04/24/2006	<50.0	0.740	<0.500	<0.500	<0.500	—	1.93	17.8	<0.500	<0.500	<0.500	—	—	<50.0	332.33	30.61	301.72	—	—	
S-5C	07/12/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	1.42	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	332.33	30.07	302.26	—	—	
S-5C	10/20/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	<0.500	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	332.33	31.67	300.66	—	—	
S-5C	01/22/2007	<50	<0.50	<0.50	<0.50	<1.0	—	<1.0	9.0 g.k	<1.0	<1.0	<1.0	—	—	<150	332.33	27.90	304.43	—	—	
S-5C	04/13/2007	<50 i	0.24 k	<1.0	<1.0	<1.0	—	<1.0	12	<2.0	<2.0	<2.0	—	—	<100	332.33	24.90	307.43	—	—	
S-5C	07/09/2007	<50 i	<0.50	<1.0	<1.0	<1.0	—	<1.0	5.5 k	<2.0	<2.0	<2.0	—	—	<100	332.33	31.22	301.11	—	—	
S-5C	10/22/2007	<50 i	<0.50	<1.0	<1.0	<1.0	—	<1.0	10	<2.0	<2.0	<2.0	—	—	<100	332.33	29.59	302.74	—	—	
S-5C	01/09/2008	<50 i	<0.50	<1.0	<1.0	<1.0	—	<1.0	8.8 k	<2.0	<2.0	<2.0	—	—	<100	332.33	25.51	306.82	—	—	
S-5C	04/11/2008	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	332.33	25.51	306.82	—	—	
S-5C	07/29/2008	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	332.33	32.48	299.85	—	—	
S-5C	10/29/2008	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	332.33	36.39	295.94	—	—	
S-5C	01/21/2009	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	332.33	32.20	300.13	—	—	
S-5C	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	332.33	29.29	303.04	—	—	
S-5C	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	332.33	34.51	297.82	—	—	

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-5C	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	332.33	37.45	294.88	—	—
S-5C	07/06/2010	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	—	—	—	—	—	<100	332.33	35.14	297.19	—	—
S-5C	01/21/2011	<50	<0.50	<0.50	<0.50	<1.0	—	<1.0	<10	<1.0	<1.0	<1.0	—	—	<150	332.33	36.42	295.91	—	—
S-5C	07/20/2011	<50	<0.50	<0.50	<0.50	<1.0	—	<1.0	<10	—	—	—	—	—	<150	332.33	34.83	297.50	—	—
S-5C	01/06/2012	<50	<0.50	<0.50	<0.50	<1.0	—	<1.0	<10	<1.0	<1.0	<1.0	—	—	<150	332.33	36.00	296.33	—	—
S-5C	01/04/2013	<50	<0.50	<0.50	<0.50	<1.0	—	<0.50	<10	<0.50	<0.50	<0.50	—	—	<150	332.33	45.04	287.29	—	—
S-5C	06/06/2014	82	4.4	2.9	3.5	17	—	0.72	<10	—	—	—	—	—	332.33	52.48	279.85	—	—	
S-5C	07/30/2014	<50	<0.50	<0.50	<0.50	1.3	—	0.57	<10	—	—	—	—	—	332.33	54.31	278.02	—	—	
S-6	10/13/1988	1100	13.0	1	42	33	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-6	01/31/1989	340	3.8	<1	8	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-6	03/07/1989	190	3.8	<1	7	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-6	06/26/1989	480	15	<1	6	<3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-6	09/08/1989	270	1.3	1	7	<3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-6	12/15/1989	320	1.0	<0.5	2.6	<1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-6	03/06/1990	420	3.1	<0.5	14	<1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-6	06/14/1990	370	3.7	0.9	4.8	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-6	10/02/1990	190	6.6	1.6	1.9	2.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-6	12/18/1990	430	10	0.7	1.6	1.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-6	03/20/1991	130a	606	0.6	0.7	3	—	—	—	—	—	—	—	—	—	327.62	—	—	—	—
S-6	06/26/1991	120a	3.8	0.8	<0.5	1.7	—	—	—	—	—	—	—	—	—	327.62	—	—	—	—
S-6	09/05/1991	60	<0.5	0.8	<0.5	0.5	—	—	—	—	—	—	—	—	—	327.62	—	—	—	—
S-6	12/13/1991	150	2.3	<0.5	<0.5	150	—	—	—	—	—	—	—	—	—	327.62	15.11	312.51	—	—
S-6	03/11/1992	<30	<0.3	<0.3	<0.5	<0.3	—	—	—	—	—	—	—	—	—	327.62	16.35	311.27	—	—
S-6	06/24/1992	170	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	327.62	16.51	311.11	—	—
S-6	09/17/1992	190	<0.5	1.6	<0.5	1.2	—	—	—	—	—	—	—	—	—	327.62	14.33	313.29	—	—
S-6	12/11/1992	180	<0.5	0.8	<0.5	0.7	—	—	—	—	—	—	—	—	—	327.62	14.48	313.14	—	—
S-6	02/04/1993	290	<0.5	<0.5	<0.5	0.7	—	—	—	—	—	—	—	—	—	327.62	—	—	—	—
S-6	06/03/1993	100	1.2	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	327.62	—	—	—	—
S-6	09/15/1993	160	1.4	<0.5	0.9	2	—	—	—	—	—	—	—	—	—	327.62	14.16	313.46	—	—
S-6	12/09/1993	130	2.3	2.6	5.1	6.2	—	—	—	—	—	—	—	—	—	327.62	14.68	312.94	—	—
S-6	03/04/1994	220	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	327.62	14.42	313.20	—	—
S-6	06/16/1994	60	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	327.62	14.92	312.70	—	—
S-6	09/13/1994	<50	<0.5	6.0	<0.5	<0.5	—	—	—	—	—	—	—	—	—	327.62	14.72	312.90	—	—
S-6	06/21/1995	270	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	327.62	13.86	313.76	—	—
S-6	06/12/1996	200	2.0	<0.5	<0.5	<0.5	12	—	—	—	—	—	—	—	—	327.62	13.90	313.72	—	—

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-6	06/25/1997	180	<0.50	0.61	<0.50	0.77	28	—	—	—	—	—	—	—	—	327.62	13.64	313.98	—	1.8
S-6 (D)	06/25/1997	130	<0.50	<0.50	<0.50	<0.50	21	—	—	—	—	—	—	—	—	327.62	13.64	313.98	—	1.8
S-6	06/19/1998	100	7.6	<0.50	<0.50	<0.50	27	—	—	—	—	—	—	—	—	327.62	13.81	313.81	—	1.7
S-6	06/17/1999	114	4.14	<0.500	<0.500	<0.500	19.9	—	—	—	—	—	—	—	—	327.62	14.21	313.41	—	1.6
S-6	06/15/2000	367	17.5	<0.500	<0.500	<0.500	1,050	—	—	—	—	—	—	—	—	327.62	14.51	313.11	—	1.8
S-6	11/29/2000	154	0.754	16.4	<0.500	1.05	5,470	—	—	—	—	—	—	—	—	327.62	14.32	313.30	—	2.1
S-6	03/07/2001	183	0.971	25.1	0.636	0.996	6,830	—	—	—	—	—	—	—	—	327.62	15.39	312.23	—	1.7
S-6	06/18/2001	<2,000	<20	<20	<20	<20	—	8,200	—	—	—	—	—	—	—	327.62	14.72	312.90	—	—
S-6	09/17/2001 c	<50	<0.50	<0.50	<0.50	<0.50	—	5.7	<50	<2.0	<2.0	<2.0	—	—	<500	327.62	16.69	310.93	—	—
S-6	12/31/2001	260	<0.50	<0.50	<0.50	<0.50	—	11,000	—	—	—	—	—	—	—	327.62	13.99	313.63	—	—
S-6	03/13/2002	440	<2.5	<2.5	<2.5	<2.5	—	930	—	—	—	—	—	—	—	327.62	15.10	312.52	—	—
S-6	06/18/2002	340	<1.0	<1.0	<1.0	<1.0	—	560	—	—	—	—	—	—	—	327.62	15.24	312.38	—	—
S-6	09/27/2002	<250	<2.5	<2.5	<2.5	<2.5	—	580	—	—	—	—	—	—	—	327.26	14.34	312.92	—	—
S-6	12/27/2002	<500	<5.0	<5.0	<5.0	<5.0	—	230	10,000	<5.0	<5.0	<5.0	<5.0	<5.0	—	327.26	14.30	312.96	—	—
S-6	03/24/2003	<5,000	<50	<50	<50	<100	—	<500	—	—	—	—	—	—	—	327.26	14.37	312.89	—	—
S-6	05/09/2003	<2,500	<25	<25	<25	<50	—	140	12,000	—	—	—	—	—	—	327.26	14.25	313.01	—	—
S-6	07/08/2003	<2,500	<25	<25	<25	<50	—	100	8,400	—	—	—	—	—	—	327.26	15.37	311.89	—	—
S-6	10/15/2003	<1,000	<10	<10	<10	<20	—	63	10,000	—	—	—	—	—	—	327.26	17.69	309.57	—	—
S-6	01/06/2004	<500	<5.0	<5.0	<5.0	<10	—	27	7,600	—	—	—	—	—	—	327.26	17.19	310.07	—	—
S-6	04/07/2004	<500	<5.0	<5.0	<5.0	<10	—	15	2,900	—	—	—	—	—	—	327.26	16.72	310.54	—	—
S-6	07/27/2004	860 d	<5.0	<5.0	<5.0	<10	—	30	5,700	<20	<20	<20	—	—	<500	327.26	16.90	310.36	—	—
S-6	10/29/2004	<500	<5.0	<5.0	<5.0	<10	—	14	2,500	<20	<20	<20	—	—	<500	327.26	16.68	310.58	—	—
S-6	01/06/2005	<200	<2.0	<2.0	<2.0	<4.0	—	8.7	1,200	<8.0	<8.0	<8.0	—	—	—	327.26	16.75	310.51	—	—
S-6	04/14/2005	180	<0.90	<0.90	<0.90	<0.90	—	11	2,300	<0.90	<0.90	<0.90	—	—	<9.0	327.26	15.30	311.96	—	—
S-6	07/29/2005	270 f	<2.5	<2.5	<2.5	<5.0	—	17	2,300	<10	<10	<10	—	—	<250	327.26	16.77	310.49	—	—
S-6	10/20/2005	570	<2.5	<2.5	<2.5	<5.0	—	7.1	1,200	<10	<10	<10	—	—	<250	327.26	17.30	309.96	—	—
S-6	01/26/2006	808	<0.500	<0.500	<0.500	<0.500	—	5.07	473	<0.500	<0.500	<0.500	—	—	<50.0	327.26	17.00	310.26	—	—
S-6	04/24/2006	303	<0.500	<0.500	<0.500	<0.500	—	4.03	212	<0.500	<0.500	<0.500	—	—	<50.0	327.26	15.42	311.84	—	—
S-6	07/12/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	13.3	609	<0.500	<0.500	<0.500	—	—	<50.0	327.26	15.15	312.11	—	—
S-6	10/20/2006	850	<0.500	<0.500	<0.500	<0.500	—	26.4	1,050	<0.500	<0.500	<0.500	—	—	<50.0	327.26	13.98	313.28	—	—
S-6	01/22/2007	620	<2.0	<2.0	<2.0	<4.0	—	30	2,000	<4.0	<4.0	<4.0	—	—	<600	327.26	14.14	313.12	—	—
S-6	04/13/2007	490 ij	<2.5	<5.0	<5.0	<5.0	—	21	1,700	<10	<10	<10	—	—	<500	327.26	14.35	312.91	—	—
S-6	07/09/2007	830 ij	<0.50	<1.0	<1.0	<1.0	—	29	2,300	<2.0	<2.0	<2.0	—	—	<100	327.26	14.22	313.04	—	—
S-6	10/22/2007	810 i	<2.5	<5.0	<5.0	<5.0	—	26	2,300	<10	<10	<10	—	—	<500	327.26	14.72	312.54	—	—
S-6	01/09/2008	220 i	<2.5	<5.0	<5.0	<5.0	—	15	1,100	<10	<10	<10	—	—	<500	327.26	14.97	312.29	—	—
S-6	04/11/2008	590	<0.50	<1.0	<1.0	<1.0	—	13	2,000	<2.0	<2.0	<2.0	—	—	<100	327.26	14.70	312.56	—	—

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-6	07/29/2008	1,100	<2.5	<5.0	<5.0	<5.0	—	15	1,700	<10	<10	<10	—	—	<500	327.26	15.84	311.42	—	—
S-6	10/29/2008	1,000	<2.5	<5.0	<5.0	<5.0	—	14	3,200	<10	<10	<10	—	—	<500	327.26	16.29	310.97	—	—
S-6	01/21/2009	600	<2.5	<5.0	<5.0	<5.0	—	8.1	1,900	<10	<10	<10	—	—	<500	327.26	15.80	311.46	—	—
S-6	04/16/2009	840	<2.5	<5.0	<5.0	<5.0	—	13	4,000	<10	<10	<10	—	—	<500	327.26	14.35	312.91	—	—
S-6	07/09/2009	970	<2.5	<5.0	<5.0	<5.0	—	17	7,100	<10	<10	<10	—	—	<500	327.26	15.02	312.24	—	—
S-6	01/11/2010	880	<2.5	<5.0	<5.0	<5.0	—	8.7	4,400	<10	<10	<10	—	—	<500	327.26	14.61	312.65	—	—
S-6	07/06/2010	950	<0.50	<1.0	<1.0	<1.0	—	13	5,200	—	—	—	—	—	<100	327.26	14.41	312.85	—	—
S-6	01/21/2011	490	<2.0	<2.0	<2.0	4.7	—	6.6	3,500	<4.0	<4.0	<4.0	—	—	<600	327.26	14.61	312.65	—	—
S-6	07/20/2011	880	<2.5	<2.5	<2.5	<5.0	—	6.0	3,700	—	—	—	—	—	<750	327.26	14.29	312.97	—	—
S-6	01/06/2012	660	<1.0	<1.0	<1.0	<2.0	—	6.3	2,300	<2.0	<2.0	<2.0	—	—	<300	327.26	15.89	311.37	—	—
S-6	05/10/2012	610	<2.0	<2.0	<2.0	<4.0	—	4.0	1,200	—	—	—	—	—	<600	327.26	15.32	311.94	—	—
S-6	07/06/2012	520	<1.3	<1.3	<1.3	<2.5	—	4.7	2,500	—	—	—	—	—	<380	327.26	15.29	311.97	—	—
S-6	10/19/2012	860	<2.5	<2.5	<2.5	<5.0	—	3.8	2,200	—	—	—	—	—	<750	327.26	16.00	311.26	—	—
S-6	01/04/2013	660	<0.50	<0.50	<0.50	<1.0	—	3.5	1,000	<0.50	<0.50	<0.50	—	—	<150	327.26	14.95	312.31	—	—
S-6	04/23/2013	780	<1.3	<1.3	<1.3	<2.5	—	3.9	1,500	—	—	—	—	—	<380	327.26	15.00	312.26	—	—
S-6	08/02/2013	890	<2.0	<2.0	<2.0	<4.0	—	4.4	1,600	—	—	—	—	—	<600	327.26	14.97	312.29	—	—
S-6	11/08/2013	1,900	<2.0	<2.0	<2.0	<4.0	—	7.9	2,500	—	—	—	—	—	<600	327.26	15.12	312.14	—	—
S-6	06/06/2014	770	<2.0	<2.0	<2.0	<4.0	—	5.8	1,200	—	—	—	—	—	—	327.26	16.20	311.06	—	—
S-6	07/30/2014	730	<2.0	<2.0	<2.0	<4.0	—	6.4	680	—	—	—	—	—	—	327.26	16.95	310.31	—	—
S-7	10/13/1988	<50	0.6	1	<1	<3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-7	01/31/1989	<50	<0.5	<1	<1	<3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-7	03/07/1989	<50	<0.5	<1	<1	<3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-7	06/26/1989	<50	<0.5	<1	<1	<3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-7	09/08/1989	<50	<0.5	<1	<1	<3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-7	12/15/1989	<50	<0.5	<0.5	<0.5	<1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-7	03/06/1990	<50	<0.5	<0.5	<0.5	<1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-7	06/14/1990	<50	<0.5	<0.5	<0.5	<1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-7	10/02/1990	<50	<0.5	0.6	<0.5	0.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-7	12/18/1990	<50	0.5	<0.5	<0.5	0.86	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-7	03/20/1991	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	328.67	—	—	—	—
S-7	06/26/1991	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	328.67	—	—	—	—
S-7	09/05/1991	<50	<0.5	0.6	<0.5	<0.5	—	—	—	—	—	—	—	—	—	328.67	—	—	—	—
S-7	12/13/1991	<50	<0.6	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	328.67	17.70	310.97	—	—
S-7	03/11/1992	<50	<0.3	<0.3	<0.3	<0.3	—	—	—	—	—	—	—	—	—	328.67	17.06	311.61	—	—
S-7	06/24/1992	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	328.67	17.80	310.87	—	—

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-7	09/17/1992	<50	0.6	0.6	<0.5	<0.5	—	—	—	—	—	—	—	—	—	328.67	17.00	311.67	—	—
S-7	12/11/1992	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	328.67	17.35	311.32	—	—
S-7	02/04/1993	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	328.67	—	—	—	—
S-7	06/03/1993	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	328.67	—	—	—	—
S-7	09/15/1993	—	—	—	—	—	—	—	—	—	—	—	—	—	—	328.67	16.65	312.02	—	—
S-7	09/13/1994	—	—	—	—	—	—	—	—	—	—	—	—	—	—	328.67	16.83	311.84	—	—
S-7	06/21/1995	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	328.67	15.88	312.79	—	—
S-7	06/12/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	—	—	—	—	—	—	—	—	328.67	16.22	312.45	—	—
S-7	06/25/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	—	—	—	—	—	—	—	—	328.67	16.12	312.55	—	3
S-7	06/19/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	—	—	—	—	—	—	—	—	328.67	14.81	313.86	—	2.6
S-7	06/17/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	—	—	—	—	—	—	—	—	328.67	15.91	312.76	—	5.1
S-7	06/15/2000	<50.0	<0.500	<0.500	<0.500	<0.500	7.32	—	—	—	—	—	—	—	—	328.67	16.14	312.53	—	2.0
S-7	11/29/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	—	—	—	—	—	—	—	—	328.67	16.89	311.78	—	3.6
S-7	03/07/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	—	—	—	—	—	—	—	—	328.67	16.55	312.12	—	2.1
S-7	06/18/2001	<50	<0.50	<0.50	<0.50	<0.50	—	2.5	—	—	—	—	—	—	—	328.67	16.30	312.37	—	—
S-7	09/17/2001 c	150	<0.50	55	<0.50	<0.50	—	8,300	—	—	—	—	—	—	—	328.67	14.23	314.44	—	—
S-7	12/31/2001	<50	<0.50	<0.50	<0.50	<0.50	—	<5.0	—	—	—	—	—	—	—	328.67	16.28	312.39	—	—
S-7	03/13/2002	<50	<0.50	<0.50	<0.50	<0.50	—	5.9	—	—	—	—	—	—	—	328.67	17.41	311.26	—	—
S-7	06/18/2002	<50	<0.50	<0.50	<0.50	<0.50	—	12	—	—	—	—	—	—	—	328.67	17.63	311.04	—	—
S-7	09/27/2002	<50	<0.50	<0.50	<0.50	<0.50	—	10	—	—	—	—	—	—	—	328.41	16.96	311.45	—	—
S-7	12/27/2002	<50	<0.50	<0.50	<0.50	<0.50	—	22	<50	<2.0	<2.0	<2.0	4.1	<2.0	—	328.41	16.00	312.41	—	—
S-7	03/24/2003	<50	<0.50	<0.50	<0.50	<1.0	—	21	—	—	—	—	—	—	—	328.41	17.12	311.29	—	—
S-7	05/09/2003	<50	<0.50	<0.50	<0.50	<1.0	—	31	7.3	—	—	—	—	—	—	328.41	16.14	312.27	—	—
S-7	07/08/2003	<50	<0.50	<0.50	<0.50	<1.0	—	36	6.5	—	—	—	—	—	—	328.41	17.42	310.99	—	—
S-7	10/15/2003	<50	<0.50	<0.50	<0.50	<1.0	—	100	<5.0	—	—	—	—	—	—	328.41	15.49	312.92	—	—
S-7	01/06/2004	<100	<1.0	<1.0	<1.0	<2.0	—	200	20	—	—	—	—	—	—	328.41	18.93	309.48	—	—
S-7	04/07/2004	<250	<2.5	<2.5	<2.5	<5.0	—	380	130	—	—	—	—	—	—	328.41	18.93	309.48	—	—
S-7	07/27/2004	<250	<2.5	<2.5	<2.5	<5.0	—	240	45	<10	<10	<10	—	—	<250	328.41	18.91	309.50	—	—
S-7	10/29/2004	<250	<2.5	<2.5	<2.5	<5.0	—	270	52	<10	<10	<10	—	—	<250	328.41	18.65	309.76	—	—
S-7	01/06/2005	<250	<2.5	<2.5	<2.5	<5.0	—	160	<25	<10	<10	<10	—	—	—	328.41	18.52	309.89	—	—
S-7	04/14/2005	<50	<0.50	<0.50	<0.50	<0.50	—	230	130	<0.50	<0.50	<0.50	—	—	<5.0	328.41	16.22	312.19	—	—
S-7	07/29/2005	<2,000	<20	<20	<20	<40	—	170	<200	<80	<80	<80	—	—	<2,000	328.41	18.57	309.84	—	—
S-7	10/20/2005	<100	<1.0	<1.0	<1.0	<2.0	—	180	32	<4.0	<4.0	<4.0	—	—	<100	328.41	19.25	309.16	—	—
S-7	01/26/2006	75.9	<0.500	<0.500	<0.500	<0.500	—	172	65.1	<0.500	<0.500	<0.500	—	—	<50.0	328.41	19.05	309.36	—	—
S-7	04/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	199	22.6	<0.500	<0.500	<0.500	—	—	<50.0	328.41	16.91	311.50	—	—
S-7	07/12/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	122	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	328.41	16.42	311.99	—	—

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-7	10/20/2006	176	<0.500	<0.500	<0.500	0.720	—	73.5	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	328.41	16.66	311.75	—	—
S-7	01/22/2007	<50	<0.50	<0.50	<0.50	<1.0	—	62	6.2 g.k	<1.0	<1.0	<1.0	—	—	<150	328.41	17.24	311.17	—	—
S-7	04/13/2007	<50 i	<0.50	<1.0	<1.0	<1.0	—	6.5	<10	<2.0	<2.0	<2.0	—	—	<100	328.41	17.05	311.36	—	—
S-7	07/09/2007	52 ij	<0.50	<1.0	<1.0	<1.0	—	39	<10	<2.0	<2.0	<2.0	—	—	<100	328.41	16.52	311.89	—	—
S-7	10/22/2007	<50 i	<0.50	<1.0	<1.0	<1.0	—	33	<10	<2.0	<2.0	<2.0	—	—	<100	328.41	17.03	311.38	—	—
S-7	01/09/2008	<50 i	<0.50	<1.0	<1.0	<1.0	—	28	<10	<2.0	<2.0	<2.0	—	—	<100	328.41	17.00	311.41	—	—
S-7	04/11/2008	370	<0.50	<1.0	1.2	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	328.41	16.71	311.70	—	—
S-7	07/29/2008	<50	<0.50	<1.0	<1.0	<1.0	—	21	<10	<2.0	<2.0	<2.0	—	—	<100	328.41	17.35	311.06	—	—
S-7	10/29/2008	<50	<0.50	<1.0	<1.0	<1.0	—	18	<10	<2.0	<2.0	<2.0	—	—	<100	328.41	17.85	310.56	—	—
S-7	01/21/2009	<50	<0.50	<1.0	<1.0	<1.0	—	17	<10	<2.0	<2.0	<2.0	—	—	<100	328.41	17.41	311.00	—	—
S-7	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	—	19	<10	<2.0	<2.0	<2.0	—	—	<100	328.41	16.72	311.69	—	—
S-7	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	—	20	<10	<2.0	<2.0	<2.0	—	—	<100	328.41	17.91	310.50	—	—
S-7	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	—	13	<10	<2.0	<2.0	<2.0	—	—	<100	328.41	17.41	311.00	—	—
S-7	07/06/2010	<50	<50	<1.0	<1.0	<1.0	—	11	<10	—	—	—	—	—	<100	328.41	17.11	311.30	—	—
S-7	01/21/2011	<50	<0.50	<0.50	<0.50	<1.0	—	6.9	<10	<1.0	<1.0	<1.0	—	—	<150	328.41	16.85	311.56	—	—
S-7	07/20/2011	<50	<0.50	<0.50	<0.50	<1.0	—	5.9	<10	—	—	—	—	—	<150	328.41	16.84	311.57	—	—
S-7	01/06/2012	<50	<0.50	<0.50	<0.50	<1.0	—	5.7	<10	<1.0	<1.0	<1.0	—	—	<150	328.41	18.30	310.11	—	—
S-7	01/04/2013	<50	<0.50	<0.50	<0.50	<1.0	—	4.0	<10	<0.50	<0.50	<0.50	—	—	<150	328.41	16.78	311.63	—	—
S-7	11/08/2013	—	—	—	—	—	—	1.1	—	—	—	—	—	—	328.41	17.72	310.69	—	—	
S-7	06/06/2014	<50	<0.50	<0.50	<0.50	<1.0	—	3.3	<10	—	—	—	—	—	328.41	18.99	309.42	—	—	
S-7	07/30/2014	<50	<0.50	<0.50	<0.50	<1.0	—	4.3	<10	—	—	—	—	—	328.41	19.41	309.00	—	—	
S-8	03/07/1989	<50	1.2	1	<1	<3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-8	06/26/1989	<50	0.8	1	<1	<3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-8	09/08/1989	<50	<0.5	<1	<1	<3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-8	12/14/1989	<50	<0.5	<0.5	<0.5	<1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-8	03/05/1990	<50	<0.5	0.5	<0.5	<1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-8	06/14/1990	<50	<0.5	<0.5	<0.5	<1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-8	10/02/1990	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-8	12/18/1990	<50	2.9	7.0	1.0	6.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-8	03/20/1991	<50a	0.8	1.8	2.6	5.2	—	—	—	—	—	—	—	—	327.00	—	—	—	—	—
S-8	06/26/1991	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	327.00	—	—	—	—	—
S-8	09/05/1991	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	327.00	—	—	—	—	—
S-8	12/13/1991	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	327.00	15.73	311.27	—	—	—
S-8	03/11/1992	<30	<0.3	<0.3	<0.3	<0.3	—	—	—	—	—	—	—	—	327.00	14.64	312.36	—	—	—
S-8	06/24/1992	<50	1.4	1.9	<0.5	<0.5	—	—	—	—	—	—	—	—	327.00	15.77	311.23	—	—	—

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-8	09/17/1992	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	327.00	15.37	311.63	—	—
S-8	12/11/1992	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	327.00	14.94	312.06	—	—
S-8	02/04/1993	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	327.00	—	—	—	—
S-8	06/03/1993	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	327.00	—	—	—	—
S-8	09/15/1993	—	—	—	—	—	—	—	—	—	—	—	—	—	—	327.00	14.91	312.09	—	—
S-8	09/13/1994	—	—	—	—	—	—	—	—	—	—	—	—	—	—	327.00	15.16	311.84	—	—
S-8	06/21/1995	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	327.00	14.11	312.89	—	—
S-8	06/12/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	—	—	—	—	—	—	—	—	327.00	14.20	312.80	—	—
S-8	06/25/1997	170	<0.50	<0.50	<0.50	<0.50	<2.5	—	—	—	—	—	—	—	—	327.00	14.42	312.58	—	0.5
S-8	06/19/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	—	—	—	—	—	—	—	—	327.00	13.49	313.51	—	2.2
S-8	06/17/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	—	—	—	—	—	—	—	—	327.00	14.07	312.93	—	0.9
S-8	06/15/2000	Well inaccessible	—	—	—	—	—	—	—	—	—	—	—	—	—	327.00	—	—	—	—
S-8	06/21/2000	<50.0	<0.500	<0.500	<0.500	<0.500	21.0	—	—	—	—	—	—	—	—	327.00	14.43	312.57	—	—
S-8	11/29/2000	<50.0	<0.500	<0.500	<0.500	<0.500	9.46	—	—	—	—	—	—	—	—	327.00	14.44	312.56	—	2.2
S-8	03/07/2001	<50.0	<0.500	<0.500	<0.500	<0.500	4.21	—	—	—	—	—	—	—	—	327.00	13.69	313.31	—	2.1
S-8	06/18/2001	<50	0.55	0.92	<0.50	0.51	—	13	—	—	—	—	—	—	—	327.00	14.60	312.40	—	—
S-8	09/17/2001	Unable to sample	—	—	—	—	—	—	—	—	—	—	—	—	—	327.00	15.07	311.93	—	—
S-8	09/18/2001	Unable to sample	—	—	—	—	—	—	—	—	—	—	—	—	—	327.00	—	—	—	—
S-8	12/31/2001	<50	1.1	1.4	<0.50	<0.50	—	8.4	—	—	—	—	—	—	—	327.00	14.02	312.98	—	—
S-8	03/13/2002	Unable to sample	—	—	—	—	—	—	—	—	—	—	—	—	—	327.00	14.92	312.08	—	—
S-8	06/18/2002	<50	<0.50	<0.50	<0.50	<0.50	—	19	—	—	—	—	—	—	—	327.00	15.37	311.63	—	—
S-8	09/27/2002	<50	<0.50	<0.50	<0.50	<0.50	—	19	—	—	—	—	—	—	—	326.14	14.60	311.54	—	—
S-8	12/27/2002	Well inaccessible	—	—	—	—	—	—	—	—	—	—	—	—	—	326.14	—	—	—	—
S-8	01/07/2003	Well inaccessible	—	—	—	—	—	—	—	—	—	—	—	—	—	326.14	—	—	—	—
S-8	03/24/2003	<50	<0.50	<0.50	<0.50	<1.0	—	25	—	—	—	—	—	—	—	326.14	14.58	311.56	—	—
S-8	05/09/2003	<50	<0.50	<0.50	<0.50	<1.0	—	24	<5.0	—	—	—	—	—	—	326.14	13.45	312.69	—	—
S-8	07/08/2003	<50	<0.50	<0.50	<0.50	<1.0	—	46	<5.0	—	—	—	—	—	—	326.14	15.19	310.95	—	—
S-8	10/15/2003	<50	<0.50	<0.50	<0.50	<1.0	—	42	<5.0	—	—	—	—	—	—	326.14	16.58	309.56	—	—
S-8	01/06/2004	<50	<0.50	<0.50	<0.50	<1.0	—	50	<5.0	—	—	—	—	—	—	326.14	16.27	309.87	—	—
S-8	04/07/2004	<50	<0.50	<0.50	<0.50	<1.0	—	33	<5.0	—	—	—	—	—	—	326.14	16.12	310.02	—	—
S-8	07/27/2004	<50	<0.50	<0.50	<0.50	<1.0	—	18	<5.0	<2.0	<2.0	<2.0	—	—	<50	326.14	16.26	309.88	—	—
S-8	10/29/2004	<50	<0.50	<0.50	<0.50	<1.0	—	25	<5.0	<2.0	<2.0	<2.0	—	—	<50	326.14	15.93	310.21	—	—
S-8	01/06/2005	<50	<0.50	<0.50	<0.50	<1.0	—	21	<5.0	<2.0	<2.0	<2.0	—	—	—	326.14	15.79	310.35	—	—
S-8	04/14/2005	<50	<0.50	<0.50	<0.50	<0.50	—	11	<5.0	<0.50	<0.50	<0.50	—	—	<5.0	326.14	14.78	311.36	—	—
S-8	07/29/2005	<50	<0.50	<0.50	<0.50	<1.0	—	13	<5.0	<2.0	<2.0	<2.0	—	—	<50	326.14	16.51	309.63	—	—
S-8	10/20/2005	<50	<0.50	<0.50	<0.50	<1.0	—	11	<5.0	<2.0	<2.0	<2.0	—	—	<50	326.14	17.38	308.76	—	—

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-8	01/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	9.65	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	326.14	16.55	309.59	—	—
S-8	04/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	5.94	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	326.14	14.18	311.96	—	—
S-8	07/12/2006	<50.0	<0.500	<0.500	<0.500	<1.50	—	7.00	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	326.14	14.52	311.62	—	—
S-8	10/20/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	8.54	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	326.14	14.30	311.84	—	—
S-8	01/22/2007	<50	<0.50	<0.50	<0.50	<1.0	—	11	<10	<1.0	<1.0	<1.0	—	—	<150	326.14	15.07	311.07	—	—
S-8	04/13/2007	<50 i	<0.50	<1.0	<1.0	<1.0	—	9.0	<10	<2.0	<2.0	<2.0	—	—	<100	326.14	14.31	311.83	—	—
S-8	07/09/2007	<50 i	<0.50	<1.0	<1.0	<1.0	—	12	<10	<2.0	<2.0	<2.0	—	—	<100	326.14	14.38	311.76	—	—
S-8	10/22/2007	<50 i	<0.50	<1.0	<1.0	<1.0	—	22	<10	<2.0	<2.0	<2.0	—	—	<100	326.14	14.50	311.64	—	—
S-8	01/09/2008	<50 i	<0.50	<1.0	<1.0	<1.0	—	14	<10	<2.0	<2.0	<2.0	—	—	180	326.14	13.88	312.26	—	—
S-8	04/11/2008	51	<0.50	<1.0	<1.0	<1.0	—	25	<10	<2.0	<2.0	<2.0	—	—	<100	326.14	14.46	311.68	—	—
S-8	07/29/2008	<50	<0.50	<1.0	<1.0	<1.0	—	14	<10	<2.0	<2.0	<2.0	—	—	<100	326.14	15.45	310.69	—	—
S-8	10/29/2008	<50	<0.50	<1.0	<1.0	<1.0	—	12	<10	<2.0	<2.0	<2.0	—	—	<100	326.14	15.69	310.45	—	—
S-8	01/21/2009	<50	<0.50	<1.0	<1.0	<1.0	—	8.7	<10	<2.0	<2.0	<2.0	—	—	<100	326.14	14.91	311.23	—	—
S-8	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	—	8.1	<10	<2.0	<2.0	<2.0	—	—	<100	326.14	14.95	311.19	—	—
S-8	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	—	9.7	<10	<2.0	<2.0	<2.0	—	—	<100	326.14	15.36	310.78	—	—
S-8	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	—	6.7	<10	<2.0	<2.0	<2.0	—	—	<100	326.14	14.98	311.16	—	—
S-8	07/06/2010	—	—	—	—	—	—	—	—	—	—	—	—	—	—	326.14	14.75	311.39	—	—
S-8	01/21/2011	<50	<0.50	<0.50	<0.50	1.2	—	5.3	<10	<1.0	<1.0	<1.0	—	—	<150	326.14	14.53	311.61	—	—
S-8	07/20/2011	—	—	—	—	—	—	—	—	—	—	—	—	—	<150	326.14	14.85	311.29	—	—
S-8	01/06/2012	<50	<0.50	<0.50	<0.50	<1.0	—	5.8	<10	<1.0	<1.0	<1.0	—	—	<150	326.14	16.02	310.12	—	—
S-8	01/04/2013	<50	<0.50	<0.50	<0.50	<1.0	—	3.5	<10	<0.50	<0.50	<0.50	—	—	<150	326.14	13.92	312.22	—	—
S-8	11/08/2013	—	—	—	—	—	—	2.2	—	—	—	—	—	—	—	326.14	15.95	310.19	—	—
S-8	06/06/2014	—	—	—	—	—	—	—	—	—	—	—	—	—	—	326.14	16.17	309.97	—	—
S-8	07/30/2014	—	—	—	—	—	—	—	—	—	—	—	—	—	—	326.14	16.65	309.49	—	—
S-9	03/07/1989	<50	<0.5	<1	<1	<3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-9	06/26/1989	<50	<0.5	<1	<1	<3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-9	09/08/1989	<50	1.7	2	<1	<3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-9	12/15/1989	<50	0.5	<0.5	<0.5	<1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-9	03/06/1990	<50	<0.5	<0.5	<0.5	<1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-9	06/14/1990	<50	<0.5	<0.5	<0.5	<1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-9	10/02/1990	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-9	12/18/1990	<50	20	27	7.1	35	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-9	03/07/1989	<50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-9	06/26/1989	<50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
S-9	09/08/1989	<50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-9	12/15/1989	<50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-9	03/06/1990	<50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-9	06/14/1990	<50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-9	12/02/1990	<50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-9	12/18/1990	<50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-9	03/20/1991	70a	0.7	0.7	<0.5	1	---	---	---	---	---	---	---	---	---	328.24	---	---	---	---
S-9	06/26/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	---	---	---	---
S-9	09/05/1991	<50	<0.5	0.8	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	---	---	---	---
S-9	12/13/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	18.18	310.06	---	---
S-9	03/11/1992	<30	<0.3	<0.3	<0.3	<0.3	---	---	---	---	---	---	---	---	---	328.24	17.37	310.87	---	---
S-9	06/24/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	18.45	309.79	---	---
S-9	09/17/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	17.88	310.36	---	---
S-9	12/11/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	17.34	310.90	---	---
S-9	02/04/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	---	---	---	---
S-9	06/03/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	---	---	---	---
S-9	09/15/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	328.24	17.42	310.82	---	---
S-9	12/09/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	16.89	311.35	---	---
S-9	03/04/1994	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	17.22	311.02	---	---
S-9	06/16/1994	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	17.46	310.78	---	---
S-9	09/13/1994	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	17.59	310.65	---	---
S-9	06/21/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	17.03	311.21	---	---
S-9	06/12/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---	---	---	---	---	---	---	328.24	16.76	311.48	---	---
S-9	06/25/1997	<50	<0.50	<0.50	<0.50	<0.50	2.8	---	---	---	---	---	---	---	---	328.24	16.89	311.35	---	1
S-9	06/19/1998	<50	<0.50	<0.50	<0.50	<0.50	7.1	---	---	---	---	---	---	---	---	328.24	15.59	312.65	---	3.8
S-9	06/17/1999	<50.0	<0.500	<0.500	<0.500	<0.500	15.3	---	---	---	---	---	---	---	---	328.24	16.47	311.77	---	1.9
S-9	06/15/2000	<50.0	<0.500	<0.500	<0.500	<0.500	57.2	---	---	---	---	---	---	---	---	328.24	16.11	312.13	---	1.1
S-9	11/29/2000	<50.0	<0.500	<0.500	<0.500	<0.500	76.5	---	---	---	---	---	---	---	---	328.24	17.30	310.94	---	1.1
S-9	03/07/2001	<50.0	<0.500	<0.500	<0.500	<0.500	84.9	---	---	---	---	---	---	---	---	328.24	19.42	308.82	---	1.1
S-9	06/18/2001	<50	<0.50	<0.50	<0.50	<0.50	---	86	---	---	---	---	---	---	---	328.24	17.22	311.02	---	---
S-9	09/17/2001	<50	<0.50	<0.50	<0.50	<0.50	---	130	---	---	---	---	---	---	---	328.24	17.66	310.58	---	---
S-9	12/31/2001	<50	<0.50	<0.50	<0.50	<0.50	---	120	---	---	---	---	---	---	---	328.24	17.65	310.59	---	---
S-9	03/13/2002	<50	<0.50	<0.50	<0.50	<0.50	---	130	---	---	---	---	---	---	---	328.24	17.75	310.49	---	---
S-9	06/18/2002	<50	<0.50	<0.50	<0.50	<0.50	---	160	---	---	---	---	---	---	---	328.24	19.59	308.65	---	---
S-9	09/27/2002	<50	<0.50	<0.50	<0.50	<0.50	---	180	---	---	---	---	---	---	---	327.85	17.65	310.20	---	---
S-9	12/27/2002	<50	<0.50	<0.50	<0.50	<0.50	---	180	<50	<2.0	<2.0	<2.0	2.8	<2.0	---	327.85	18.45	309.40	---	---
S-9	03/24/2003	<250	<2.5	<2.5	<2.5	<5.0	---	230	---	---	---	---	---	---	---	327.85	17.97	309.88	---	---

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-9	05/09/2003	<250	<2.5	<2.5	<2.5	<5.0	—	240	<25	—	—	—	—	—	—	327.85	17.68	310.17	—	—
S-9	07/08/2003	<250	<2.5	<2.5	<2.5	<5.0	—	250	<25	—	—	—	—	—	—	327.85	17.65	310.20	—	—
S-9	10/15/2003	<100	<1.0	<1.0	<1.0	<2.0	—	210	<10	—	—	—	—	—	—	327.85	19.49	308.36	—	—
S-9	01/06/2004	<100	<1.0	<1.0	<1.0	<2.0	—	290	<10	—	—	—	—	—	—	327.85	20.51	307.34	—	—
S-9	04/07/2004	<100	<1.0	<1.0	<1.0	<2.0	—	250	<10	—	—	—	—	—	—	327.85	20.02	307.83	—	—
S-9	07/27/2004	<250	<2.5	9.1	2.7	9.8	—	270	<25	<10	<10	<10	—	—	<250	327.85	19.89	307.96	—	—
S-9	10/29/2004	<100	<1.0	<1.0	<1.0	<2.0	—	240	<10	<4.0	<4.0	<4.0	—	—	<100	327.85	19.17	308.68	—	—
S-9	01/06/2005	<250	<2.5	<2.5	<2.5	<5.0	—	340	<25	<10	<10	<10	—	—	—	327.85	19.65	308.20	—	—
S-9	04/14/2005	<50	<0.50	<0.50	<0.50	<0.50	—	250	<5.0	<0.50	<0.50	1.4	—	—	<5.0	327.85	17.38	310.47	—	—
S-9	07/29/2005	<100	<1.0	<1.0	<1.0	<2.0	—	250	<10	<4.0	<4.0	<4.0	—	—	<100	327.85	20.09	307.76	—	—
S-9	10/20/2005	<100	<1.0	<1.0	<1.0	<2.0	—	200	<10	<4.0	<4.0	<4.0	—	—	<100	327.85	21.89	305.96	—	—
S-9	11/11/2005	<100	<1.0	<1.0	<1.0	<2.0	—	220	25	—	—	—	—	—	—	327.85	20.41	307.44	—	—
S-9	01/26/2006	55.7	<0.500	<0.500	<0.500	<0.500	—	174	<10.0	<0.500	<0.500	2.50	—	—	<50.0	327.85	20.56	307.29	—	—
S-9	04/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	202	<10.0	<0.500	<0.500	2.29	—	—	<50.0	327.85	18.39	309.46	—	—
S-9	07/12/2006	<50.0	<0.500	<0.500	<0.500	<1.50	—	158	<10.0	<0.500	<0.500	2.06	—	—	<50.0	327.85	18.60	309.25	—	—
S-9	10/20/2006	212	<0.500	<0.500	<0.500	<0.500	—	151	<10.0	<0.500	<0.500	1.25	—	—	<50.0	327.85	18.75	309.10	—	—
S-9	01/22/2007	82 h	<0.50	<0.50	<0.50	<1.0	—	150	20 g	<1.0	<1.0	1.4	—	—	<150	327.85	17.92	309.93	—	—
S-9	04/13/2007	70 i,j	<0.50	<1.0	<1.0	<1.0	—	140	26	<2.0	<2.0	1.0 k	—	—	<100	327.85	18.14	309.71	—	—
S-9	07/09/2007	70 i,j	<0.50	<1.0	<1.0	<1.0	—	120	<10	<2.0	<2.0	1.2 k	—	—	<100	327.85	18.37	309.48	—	—
S-9	10/22/2007	59 i,j	<0.50	<1.0	<1.0	<1.0	—	110	8.2 k	<2.0	<2.0	<2.0	—	—	<100	327.85	18.08	309.77	—	—
S-9	01/09/2008	<50 i	<0.50	<1.0	<1.0	<1.0	—	73	<10	<2.0	<2.0	<2.0	—	—	130	327.85	17.20	310.65	—	—
S-9	04/11/2008	73	<0.50	<1.0	<1.0	<1.0	—	55	<10	<2.0	<2.0	<2.0	—	—	<100	327.85	17.74	310.11	—	—
S-9	07/29/2008	85	<0.50	<1.0	<1.0	<1.0	—	45	<10	<2.0	<2.0	<2.0	—	—	230	327.85	18.33	309.52	—	—
S-9	10/29/2008	58	<0.50	<1.0	<1.0	<1.0	—	40	<10	<2.0	<2.0	<2.0	—	—	<100	327.85	18.89	308.96	—	—
S-9	01/21/2009	51	<0.50	<1.0	<1.0	<1.0	—	35	<10	<2.0	<2.0	<2.0	—	—	<100	327.85	18.21	309.64	—	—
S-9	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	—	27	<10	<2.0	<2.0	<2.0	—	—	<100	327.85	17.48	310.37	—	—
S-9	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	—	28	<10	<2.0	<2.0	<2.0	—	—	<100	327.85	18.60	309.25	—	—
S-9	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	—	22	<10	<2.0	<2.0	<2.0	—	—	<100	327.85	19.18	308.67	—	—
S-9	07/06/2010	<50	<0.50	<1.0	<1.0	<1.0	—	16	<10	—	—	—	—	—	<100	327.85	17.81	310.04	—	—
S-9	01/21/2011	<50	<0.50	<0.50	<0.50	1.8	—	13	<10	<1.0	<1.0	<1.0	—	—	<150	327.85	17.79	310.06	—	—
S-9	07/20/2011	<50	<0.50	<0.50	<0.50	<1.0	—	13	<10	—	—	—	—	—	<150	327.85	18.02	309.83	—	—
S-9	01/06/2012	<50	<0.50	<0.50	<0.50	<1.0	—	12	<10	<1.0	<1.0	<1.0	—	—	<150	327.85	19.31	308.54	—	—
S-9	01/04/2013	<50	<0.50	<0.50	<0.50	<1.0	—	7.4	<10	<0.50	<0.50	<0.50	—	—	<150	327.85	18.16	309.69	—	—
S-9	11/08/2013	—	—	—	—	—	—	6.5	—	—	—	—	—	—	—	327.85	19.22	308.63	—	—
S-9	06/06/2014	<50	<0.50	<0.50	<0.50	<1.0	—	5.5	<10	—	—	—	—	—	—	327.85	20.34	307.51	—	—
S-9	07/30/2014	<50	<0.50	<0.50	<0.50	<1.0	—	6.5	<10	—	—	—	—	—	—	327.85	20.30	307.55	—	—

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-9B	11/08/2005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	330.47	43.12	287.35	—	—
S-9B	11/11/2005	<50	<0.50	2.0	<0.50	<1.0	—	23	<5.0	—	—	—	—	—	—	330.47	45.25	285.22	—	—
S-9B	01/26/2006	<50.0	<0.500	1.68	<0.500	<0.500	—	20.6	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	330.47	38.19	292.28	—	—
S-9B	04/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	10.5	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	330.47	30.31	300.16	—	—
S-9B	07/12/2006	<50.0	<0.500	<0.500	<0.500	<1.50	—	4.98	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	330.47	29.01	301.46	—	—
S-9B	10/20/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	5.89	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	330.47	31.25	299.22	—	—
S-9B	01/22/2007	<50	<0.50	<0.50	<0.50	<1.0	—	4.9	<10	<1.0	<1.0	<1.0	—	—	<150	330.47	26.78	303.69	—	—
S-9B	04/13/2007	<50 i	<0.50	<1.0	<1.0	<1.0	—	3.5	<10	<2.0	<2.0	<2.0	—	—	<100	330.47	23.51	306.96	—	—
S-9B	07/09/2007	<50 i	<0.50	<1.0	<1.0	<1.0	—	3.0	<10	<2.0	<2.0	<2.0	—	—	<100	330.47	30.15	300.32	—	—
S-9B	10/22/2007	<50 i	<0.50	<1.0	<1.0	<1.0	—	5.8	<10	<2.0	<2.0	<2.0	—	—	<100	330.47	28.44	302.03	—	—
S-9B	01/09/2008	<50 i	<0.50	<1.0	<1.0	<1.0	—	2.9	<10	<2.0	<2.0	<2.0	—	—	190	330.47	24.22	306.25	—	—
S-9B	04/11/2008	<50	<0.50	<1.0	<1.0	<1.0	—	3.1	<10	<2.0	<2.0	<2.0	—	—	<100	330.47	24.20	306.27	—	—
S-9B	07/29/2008	<50	<0.50	<1.0	<1.0	<1.0	—	4.1	<10	<2.0	<2.0	<2.0	—	—	<100	330.47	31.69	298.78	—	—
S-9B	10/29/2008	<50	<0.50	<1.0	<1.0	<1.0	—	4.1	<10	<2.0	<2.0	<2.0	—	—	<100	330.47	35.86	294.61	—	—
S-9B	01/21/2009	<50	<0.50	<1.0	<1.0	<1.0	—	3.7	<10	<2.0	<2.0	<2.0	—	—	<100	330.47	31.31	299.16	—	—
S-9B	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	—	3.1	<10	<2.0	<2.0	<2.0	—	—	<100	330.47	28.10	302.37	—	—
S-9B	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	—	3.8	<10	<2.0	<2.0	<2.0	—	—	<100	330.47	33.76	296.71	—	—
S-9B	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	—	4.7	<10	<2.0	<2.0	<2.0	—	—	<100	330.47	36.93	293.54	—	—
S-9B	07/06/2010	—	—	—	—	—	—	—	—	—	—	—	—	—	—	330.47	34.49	295.98	—	—
S-9B	01/21/2011	<50	<0.50	0.73	0.58	3.2	—	2.9	<10	<1.0	<1.0	<1.0	—	—	<150	330.47	35.85	294.62	—	—
S-9B	07/20/2011	—	—	—	—	—	—	—	—	—	—	—	—	—	—	330.47	33.95	296.52	—	—
S-9B	01/06/2012	<50	<0.50	<0.50	<0.50	<1.0	—	4.1	<10	<1.0	<1.0	<1.0	—	—	<150	330.47	35.40	295.07	—	—
S-9B	01/04/2013	<50	<0.50	<0.50	<0.50	<1.0	—	3.8	<10	<0.50	<0.50	<0.50	—	—	<150	330.47	45.16	285.31	—	—
S-9B	11/08/2013	—	—	—	—	—	—	<0.50	—	—	—	—	—	—	—	330.47	47.09	283.38	—	—
S-9B	06/06/2014	<50	<0.50	<0.50	<0.50	<1.0	—	2.8	<10	—	—	—	—	—	—	330.47	52.64	277.83	—	—
S-9B	07/30/2014	<50	<0.50	<0.50	<0.50	<1.0	—	3.7	<10	—	—	—	—	—	—	330.47	54.49	275.98	—	—
S-9C	11/08/2005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	330.77	40.80	289.97	—	—
S-9C	11/11/2005	<50	<0.50	<0.50	<0.50	<1.0	—	10	<5.0	—	—	—	—	—	—	330.77	42.87	287.90	—	—
S-9C	01/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	7.05	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	330.77	37.40	293.37	—	—
S-9C	04/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	4.86	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	330.77	28.04	302.73	—	—
S-9C	07/12/2006	<50.0	<0.500	<0.500	<0.500	<1.50	—	1.94	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	330.77	28.96	301.81	—	—
S-9C	10/20/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	1.06	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	330.77	30.47	300.30	—	—
S-9C	01/22/2007	<50	<0.50	<0.50	<0.50	<1.0	—	0.64 k	<10	<1.0	<1.0	<1.0	—	—	<150	330.77	26.52	304.25	—	—
S-9C	04/13/2007	<50 i	<0.50	<1.0	<1.0	<1.0	—	0.54 k	<10	<2.0	<2.0	<2.0	—	—	<100	330.77	23.70	307.07	—	—

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-9C	07/09/2007	<50 i	<0.50	<1.0	<1.0	<1.0	--	0.34 k	<10	<2.0	<2.0	<2.0	--	--	<100	330.77	30.28	300.49	--	--
S-9C	10/22/2007	<50 i	<0.50	<1.0	<1.0	<1.0	--	0.33 k	<10	<2.0	<2.0	<2.0	--	--	<100	330.77	17.03	313.74	--	--
S-9C	01/09/2008	<50 i	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	150	330.77	24.20	306.57	--	--
S-9C	04/11/2008	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	330.77	24.25	306.52	--	--
S-9C	07/29/2008	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	330.77	31.55	299.22	--	--
S-9C	10/29/2008	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	330.77	35.54	295.23	--	--
S-9C	01/21/2009	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	330.77	31.11	299.66	--	--
S-9C	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	330.77	28.29	302.48	--	--
S-9C	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	330.77	33.62	297.15	--	--
S-9C	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	<10	<2.0	<2.0	<2.0	--	--	<100	330.77	36.55	294.22	--	--
S-9C	07/06/2010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	330.77	34.34	296.43	--	--
S-9C	01/21/2011	<50	<0.50	1.0	0.79	4.2	--	<1.0	<10	<1.0	<1.0	<1.0	--	--	<150	330.77	35.59	295.18	--	--
S-9C	07/20/2011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	330.77	33.92	296.85	--	--
S-9C	01/06/2012	<50	<0.50	<0.50	<0.50	<1.0	--	<1.0	<10	<1.0	<1.0	<1.0	--	--	<150	330.77	35.10	295.67	--	--
S-9C	01/04/2013	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	<10	<0.50	<0.50	<0.50	--	--	<150	330.77	44.46	286.31	--	--
S-9C	06/06/2014	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	<10	--	--	--	--	--	--	330.77	52.17	278.60	--	--
S-9C	07/30/2014	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	<10	--	--	--	--	--	--	330.77	53.91	276.86	--	--
S-10	08/11/1989	<50	<0.5	<1	<1	<3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-10	09/08/1989	<50	<0.5	<1	<1	<3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-10	12/15/1989	<50	<0.5	<0.5	<0.5	<1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-10	03/06/1990	<50	<0.5	<0.5	<0.5	<1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-10	06/14/1990	<50	<0.5	<0.5	<0.5	<1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-10	10/02/1990	<50	<0.5	<0.5	<0.5	1.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-10	12/18/1990	<50	<0.5	<0.5	<0.5	1.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-10	03/20/1991	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	326.55	--	--	--	--
S-10	06/26/1991	50	1.8	5.8	1.9	13	--	--	--	--	--	--	--	--	--	326.55	--	--	--	--
S-10	09/05/1991	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	326.55	--	--	--	--
S-10	12/13/1991	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	326.55	14.77	311.78	--	--
S-10	03/11/1992	<30	<0.3	<0.3	<0.3	<0.3	--	--	--	--	--	--	--	--	--	326.55	14.16	312.39	--	--
S-10	06/24/1992	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	326.55	14.83	311.72	--	--
S-10	09/17/1992	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	326.55	13.85	312.70	--	--
S-10	12/11/1992	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	326.55	13.90	312.65	--	--
S-10	02/04/1993	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	326.55	--	--	--	--
S-10	06/03/1993	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	326.55	--	--	--	--
S-10	09/15/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	326.55	13.66	312.89	--	--

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-10	09/13/1994	—	—	—	—	—	—	—	—	—	—	—	—	—	—	326.55	13.84	312.71	—	—
S-10	06/21/1995	—	—	—	—	—	—	—	—	—	—	—	—	—	—	326.55	13.08	313.47	—	—
S-10	06/12/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	—	—	—	—	—	—	—	—	326.55	13.34	313.21	—	—
S-10	06/25/1997	<50	<0.50	<0.50	<0.50	<0.50	2.8	—	—	—	—	—	—	—	—	326.55	13.28	313.27	—	2.4
S-10	06/19/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	—	—	—	—	—	—	—	—	326.55	12.41	314.14	—	1.8
S-10	06/17/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	—	—	—	—	—	—	—	—	326.55	12.81	313.74	—	2.0
S-10	06/15/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	—	—	—	—	—	—	—	—	326.55	13.27	313.28	—	2.1
S-10	11/29/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	—	—	—	—	—	—	—	—	326.55	13.98	312.57	—	2.4
S-10	03/07/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	—	—	—	—	—	—	—	—	326.55	13.40	313.15	—	2.5
S-10	06/18/2001	<50	<0.50	<0.50	<0.50	<0.50	—	3.7	—	—	—	—	—	—	—	326.55	13.29	313.26	—	—
S-10	09/17/2001	<50	<0.50	<0.50	<0.50	<0.50	—	<5.0	—	—	—	—	—	—	—	326.55	13.61	312.94	—	—
S-10	12/31/2001	<50	<0.50	<0.50	<0.50	<0.50	—	<5.0	—	—	—	—	—	—	—	326.55	13.48	313.07	—	—
S-10	03/13/2002	<50	<0.50	<0.50	<0.50	<0.50	—	<5.0	—	—	—	—	—	—	—	326.55	14.66	311.89	—	—
S-10	06/18/2002	<50	<0.50	<0.50	<0.50	<0.50	—	<5.0	—	—	—	—	—	—	—	326.55	14.59	311.96	—	—
S-10	09/27/2002	<50	<0.50	<0.50	<0.50	<0.50	—	<5.0	—	—	—	—	—	—	—	325.87	13.21	312.66	—	—
S-10	12/27/2002	<50	<0.50	<0.50	<0.50	<0.50	—	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	—	325.87	13.50	312.37	—	—
S-10	03/24/2003	<50	<0.50	<0.50	<0.50	<1.0	—	<5.0	—	—	—	—	—	—	—	325.87	16.60	309.27	—	—
S-10	05/09/2003	<50	<0.50	<0.50	<0.50	<1.0	—	1.7	<5.0	—	—	—	—	—	—	325.87	13.07	312.80	—	—
S-10	07/08/2003	<50	<0.50	<0.50	<0.50	<1.0	—	1.7	<5.0	—	—	—	—	—	—	325.87	14.10	311.77	—	—
S-10	10/15/2003	<50	<0.50	<0.50	<0.50	<1.0	—	0.69	<5.0	—	—	—	—	—	—	325.87	14.75	311.12	—	—
S-10	01/06/2004	<50	<0.50	<0.50	<0.50	<1.0	—	0.51	<5.0	—	—	—	—	—	—	325.87	15.28	310.59	—	—
S-10	04/07/2004	<50	<0.50	<0.50	<0.50	<1.0	—	<0.50	<5.0	—	—	—	—	—	—	325.87	15.39	310.48	—	—
S-10	07/27/2004	<50	<0.50	<0.50	<0.50	<1.0	—	<0.50	<5.0	<2.0	<2.0	<2.0	—	—	<50	325.87	15.25	310.62	—	—
S-10	10/29/2004	<50	<0.50	<0.50	<0.50	<1.0	—	<0.50	<5.0	<2.0	<2.0	<2.0	—	—	<50	325.87	15.23	310.64	—	—
S-10	01/06/2005	<50	<0.50	<0.50	<0.50	<1.0	—	<0.50	<5.0	<2.0	<2.0	<2.0	—	—	—	325.87	15.47	310.40	—	—
S-10	04/14/2005	<50	<0.50	<0.50	<0.50	<0.50	—	<0.50	<5.0	<0.50	<0.50	<0.50	—	—	<5.0	325.87	13.24	312.63	—	—
S-10	07/29/2005	<50	<0.50	<0.50	<0.50	<1.0	—	<0.50	<5.0	<2.0	<2.0	<2.0	—	—	<50	325.87	15.08	310.79	—	—
S-10	10/20/2005	<50	<0.50	<0.50	<0.50	<1.0	—	<0.50	<5.0	<2.0	<2.0	<2.0	—	—	<50	325.87	15.45	310.42	—	—
S-10	01/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	<0.500	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	325.87	14.85	311.02	—	—
S-10	04/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	<0.500	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	325.87	13.90	311.97	—	—
S-10	07/12/2006	<50.0	<0.500	<0.500	<0.500	<1.50	—	<0.500	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	325.87	13.00	312.87	—	—
S-10	10/20/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	<0.500	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	325.87	13.15	312.72	—	—
S-10	01/22/2007	<50	<0.50	<0.50	<0.50	<1.0	—	<1.0	<10	<1.0	<1.0	<1.0	—	—	<150	325.87	14.45	311.42	—	—
S-10	04/13/2007	<50 i	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	325.87	15.49	310.38	—	—
S-10	07/09/2007	<50 i	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	325.87	14.00	311.87	—	—
S-10	10/22/2007	<50 i	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	325.87	14.11	311.76	—	—

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-10	01/09/2008	<50 i	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	325.87	14.08	311.79	—	—
S-10	04/11/2008	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	325.87	14.38	311.49	—	—
S-10	07/29/2008	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	14	<2.0	<2.0	<2.0	—	—	320	325.87	14.50	311.37	—	—
S-10	10/29/2008	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	325.87	14.80	311.07	—	—
S-10	01/21/2009	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	325.87	14.53	311.34	—	—
S-10	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	325.87	13.92	311.95	—	—
S-10	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	325.87	14.84	311.03	—	—
S-10	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	325.87	14.35	311.52	—	—
S-10	07/06/2010	—	—	—	—	—	—	—	—	—	—	—	—	—	—	325.87	14.40	311.47	—	—
S-10	01/21/2011	<50	<0.50	1.1	0.78	3.7	—	<1.0	<10	<1.0	<1.0	<1.0	—	—	<150	325.87	13.90	311.97	—	—
S-10	07/20/2011	—	—	—	—	—	—	—	—	—	—	—	—	—	—	325.87	14.69	311.18	—	—
S-10	01/06/2012	51	<0.50	<0.50	<0.50	<1.0	—	<1.0	<10	<1.0	<1.0	<1.0	—	—	<150	325.87	14.35	311.52	—	—
S-10	01/04/2013	<50	<0.50	<0.50	<0.50	<1.0	—	<0.50	<10	<0.50	<0.50	<0.50	—	—	<150	325.87	14.33	311.54	—	—
S-10	06/06/2014	—	—	—	—	—	—	—	—	—	—	—	—	—	—	325.87	16.10	309.77	—	—
S-10	07/30/2014	—	—	—	—	—	—	—	—	—	—	—	—	—	—	325.87	16.68	309.19	—	—
S-11	09/23/2002	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16.93	—	—	—
S-11	09/27/2002	<50	<0.50	<0.50	<0.50	<0.50	—	<5.0	—	—	—	—	—	—	—	—	16.95	—	—	—
S-11	12/27/2002	<50	<0.50	<0.50	<0.50	<0.50	—	<5.0	<50	<2.0	<2.0	<2.0	<2.0	<2.0	—	327.48	16.40	311.08	—	—
S-11	03/24/2003	<50	<0.50	<0.50	<0.50	<1.0	—	<5.0	—	—	—	—	—	—	—	327.48	17.25	310.23	—	—
S-11	05/09/2003	<50	<0.50	<0.50	<0.50	<1.0	—	0.54	<5.0	—	—	—	—	—	—	327.48	16.37	311.11	—	—
S-11	07/08/2003	<50	<0.50	<0.50	<0.50	<1.0	—	<0.50	<5.0	—	—	—	—	—	—	327.48	17.17	310.31	—	—
S-11	10/15/2003	<50	<0.50	<0.50	<0.50	<1.0	—	<0.50	<5.0	—	—	—	—	—	—	327.48	18.01	309.47	—	—
S-11	01/06/2004	<50	<0.50	1.4	<0.50	<1.0	—	1.1	<5.0	—	—	—	—	—	—	327.48	18.25	309.23	—	—
S-11	04/07/2004	<50	<0.50	<0.50	<0.50	<1.0	—	1.4	<5.0	—	—	—	—	—	—	327.48	18.48	309.00	—	—
S-11	07/27/2004	<50	<0.50	<0.50	<0.50	<1.0	—	2.3	<5.0	<2.0	<2.0	<2.0	—	—	<50	327.48	18.49	308.99	—	—
S-11	10/29/2004	<50	<0.50	<0.50	<0.50	<1.0	—	9.7	<5.0	<2.0	<2.0	<2.0	—	—	<50	327.48	18.22	309.26	—	—
S-11	01/06/2005	<50	<0.50	<0.50	<0.50	<1.0	—	15	<5.0	<2.0	<2.0	<2.0	—	—	—	327.48	18.07	309.41	—	—
S-11	04/14/2005	<50	<0.50	<0.50	<0.50	<0.50	—	10	<5.0	<0.50	<0.50	<0.50	—	—	<5.0	327.48	16.28	311.20	—	—
S-11	07/29/2005	<50	<0.50	<0.50	<0.50	<1.0	—	19	<5.0	<2.0	<2.0	<2.0	—	—	<50	327.48	17.98	309.50	—	—
S-11	10/20/2005	<50	<0.50	<0.50	<0.50	<1.0	—	24	<5.0	<2.0	<2.0	<2.0	—	—	<50	327.48	18.45	309.03	—	—
S-11	01/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	27.7	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	327.48	18.50	308.98	—	—
S-11	04/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	41.0	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	327.48	16.61	310.87	—	—
S-11	07/12/2006	<50.0	<0.500	<0.500	<0.500	<1.50	—	33.3	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	327.48	16.44	311.04	—	—
S-11	10/20/2006	53.5	<0.500	<0.500	<0.500	<0.500	—	38.2	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	327.48	16.61	310.87	—	—
S-11	01/22/2007	<50	<0.50	<0.50	<0.50	<1.0	—	61	6.1 g/k	<1.0	<1.0	<1.0	—	—	<150	327.48	17.27	310.21	—	—

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-11	04/13/2007	<50 i	<0.50	<1.0	<1.0	<1.0	—	60	<10	<2.0	<2.0	<2.0	—	—	<100	327.48	6.88	320.60	—	—
S-11	07/09/2007	<50 i	<0.50	<1.0	<1.0	<1.0	—	59	<10	<2.0	<2.0	<2.0	—	—	<100	327.48	16.84	310.64	—	—
S-11	10/22/2007	<50 i	<0.50	<1.0	<1.0	<1.0	—	60	6.2 k	<2.0	<2.0	<2.0	—	—	<100	327.48	17.11	310.37	—	—
S-11	01/09/2008	<50 i	<0.50	<1.0	<1.0	<1.0	—	52	<10	<2.0	<2.0	<2.0	—	—	<100	327.48	16.85	310.63	—	—
S-11	04/11/2008	<50	<0.50	<1.0	<1.0	<1.0	—	36	<10	<2.0	<2.0	<2.0	—	—	<100	327.48	16.78	310.70	—	—
S-11	07/29/2008	58	<0.50	<1.0	<1.0	<1.0	—	31	<10	<2.0	<2.0	<2.0	—	—	<100	327.48	17.31	310.17	—	—
S-11	10/29/2008	<50	<0.50	<1.0	<1.0	<1.0	—	22	<10	<2.0	<2.0	<2.0	—	—	<100	327.48	17.85	309.63	—	—
S-11	01/21/2009	<50	<0.50	<1.0	<1.0	<1.0	—	20	<10	<2.0	<2.0	<2.0	—	—	<100	327.48	17.66	309.82	—	—
S-11	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	—	20	<10	<2.0	<2.0	<2.0	—	—	<100	327.48	16.93	310.55	—	—
S-11	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	—	17	<10	<2.0	<2.0	<2.0	—	—	<100	327.48	17.74	309.74	—	—
S-11	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	—	13	<10	<2.0	<2.0	<2.0	—	—	<100	327.48	17.61	309.87	—	—
S-11	07/06/2010	—	—	—	—	—	—	—	—	—	—	—	—	—	—	327.48	17.17	310.31	—	—
S-11	01/21/2011	<50	<0.50	<0.50	<0.50	<1.0	—	11	<10	<1.0	<1.0	<1.0	—	—	<150	327.48	17.21	310.27	—	—
S-11	07/20/2011	—	—	—	—	—	—	—	—	—	—	—	—	—	—	327.48	17.10	310.38	—	—
S-11	01/06/2012	<50	<0.50	<0.50	<0.50	<1.0	—	11	<10	<1.0	<1.0	<1.0	—	—	<150	327.48	18.18	309.30	—	—
S-11	01/04/2013	<50	<0.50	<0.50	<0.50	<1.0	—	9.1	<10	<0.50	<0.50	<0.50	—	—	<150	327.48	17.01	310.47	—	—
S-11	11/08/2013	—	—	—	—	—	—	6.9	—	—	—	—	—	—	—	327.48	17.91	309.57	—	—
S-11	06/06/2014	<50	<0.50	<0.50	<0.50	<1.0	—	7.3	<10	—	—	—	—	—	—	327.48	19.12	308.36	—	—
S-11	07/30/2014	<50	<0.50	<0.50	<0.50	<1.0	—	7.9	<10	—	—	—	—	—	—	327.48	19.51	307.97	—	—
S-12	09/23/2002	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	14.74	—	—	—
S-12	09/27/2002	<50	<0.50	<0.50	<0.50	<0.50	—	<5.0	—	—	—	—	—	—	—	—	17.95	—	—	—
S-12	12/27/2002	<50	<0.50	<0.50	<0.50	<0.50	—	<5.0	<50	<2.0	<2.0	<2.0	<2.0	<2.0	—	322.76	16.92	305.84	—	—
S-12	03/24/2003	<50	<0.50	<0.50	<0.50	<1.0	—	<5.0	—	—	—	—	—	—	—	322.76	16.53	306.23	—	—
S-12	05/09/2003	<50	<0.50	<0.50	<0.50	<1.0	—	1.5	<5.0	—	—	—	—	—	—	322.76	17.73	305.03	—	—
S-12	07/08/2003	<50	<0.50	<0.50	<0.50	<1.0	—	1.2	<5.0	—	—	—	—	—	—	322.76	17.18	305.58	—	—
S-12	10/15/2003	<50	<0.50	<0.50	<0.50	<1.0	—	1.1	<5.0	—	—	—	—	—	—	322.76	17.54	305.22	—	—
S-12	01/06/2004	<50	<0.50	1.1	<0.50	<1.0	—	1.1	<5.0	—	—	—	—	—	—	322.76	17.45	305.31	—	—
S-12	04/07/2004	<50	<0.50	<0.50	<0.50	<1.0	—	0.76	<5.0	—	—	—	—	—	—	322.76	16.85	305.91	—	—
S-12	07/27/2004	<50	<0.50	<0.50	<0.50	<1.0	—	0.65	<5.0	<2.0	<2.0	<2.0	—	—	<50	322.76	17.89	304.87	—	—
S-12	10/29/2004	<50 e	<0.50	<0.50	<0.50	<1.0	—	1.3	<5.0	<2.0	<2.0	<2.0	—	—	<50	322.76	17.84	304.92	—	—
S-12	04/14/2005	<50	<0.50	<0.50	<0.50	<0.50	—	0.79	<5.0	<0.50	<0.50	<0.50	—	—	<5.0	322.76	15.98	306.78	—	—
S-12	07/29/2005	<50	<0.50	<0.50	<0.50	<1.0	—	0.69	<5.0	<2.0	<2.0	<2.0	—	—	<50	322.76	17.32	305.44	—	—
S-12	10/20/2005	<50	<0.50	<0.50	<0.50	<1.0	—	0.66	<5.0	<2.0	<2.0	<2.0	—	—	<50	322.76	16.58	306.18	—	—
S-12	01/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	<0.500	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	322.76	15.94	306.82	—	—
S-12	04/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	0.740	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	322.76	17.31	305.45	—	—

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-12	07/12/2006	<50.0	<0.500	<0.500	<0.500	<1.50	—	<0.500	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	322.76	16.70	306.06	—	—
S-12	10/20/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	0.520	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	322.76	17.63	305.13	—	—
S-12	01/22/2007	<50	<0.50	<0.50	<0.50	<1.0	—	0.70 k	<10	<1.0	<1.0	<1.0	—	—	<150	322.76	17.05	305.71	—	—
S-12	04/13/2007	<50 i	<0.50	<1.0	<1.0	<1.0	—	0.70 k	<10	<2.0	<2.0	<2.0	—	—	<100	322.76	17.12	305.64	—	—
S-12	07/09/2007	51 ij	<0.50	<1.0	<1.0	<1.0	—	0.59 k	<10	<2.0	<2.0	<2.0	—	—	<100	322.76	16.85	305.91	—	—
S-12	10/22/2007	<50 i	<0.50	<1.0	<1.0	<1.0	—	0.92	<10	<2.0	<2.0	<2.0	—	—	<100	322.76	16.40	306.36	—	—
S-12	01/09/2008	<50 i	<0.50	<1.0	<1.0	<1.0	—	0.67 k	<10	<2.0	<2.0	<2.0	—	—	<100	322.76	16.50	306.26	—	—
S-12	04/11/2008	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	322.76	16.30	306.46	—	—
S-12	07/29/2008	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	140	322.76	17.00	305.76	—	—
S-12	10/29/2008	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	322.76	17.61	305.15	—	—
S-12	01/21/2009	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	322.76	17.59	305.17	—	—
S-12	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	322.76	16.74	306.02	—	—
S-12	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	322.76	17.25	305.51	—	—
S-12	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	322.76	16.88	305.88	—	—
S-12	07/06/2010	—	—	—	—	—	—	—	—	—	—	—	—	—	—	322.76	17.65	305.11	—	—
S-12	01/21/2011	<50	<0.50	<0.50	<0.50	<1.0	—	<1.0	<10	<1.0	<1.0	<1.0	—	—	<150	322.76	17.08	305.68	—	—
S-12	07/20/2011	—	—	—	—	—	—	—	—	—	—	—	—	—	—	322.76	17.77	304.99	—	—
S-12	01/06/2012	<50	<0.50	<0.50	<0.50	<1.0	—	<1.0	<10	<1.0	<1.0	<1.0	—	—	<150	322.76	17.17	305.59	—	—
S-12	01/04/2013	<50	<0.50	<0.50	<0.50	<1.0	—	<0.50	<10	<0.50	<0.50	<0.50	—	—	<150	322.76	17.80	304.96	—	—
S-12	11/08/2013	—	—	—	—	—	—	<0.50	—	—	—	—	—	—	—	322.76	18.26	304.50	—	—
S-12	06/06/2014	—	—	—	—	—	—	—	—	—	—	—	—	—	—	322.76	17.95	304.81	—	—
S-12	07/30/2014	<50	<0.50	<0.50	<0.50	<1.0	—	0.52	<10	—	—	—	—	—	—	322.76	18.27	304.49	—	—
S-14	11/08/2005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	324.90	17.45	307.45	—	—
S-14	11/11/2005	<50 e	<0.50	<0.50	<0.50	<1.0	—	<0.50	<5.0	—	—	—	—	—	—	324.90	17.63	307.27	—	—
S-14	04/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	<0.500	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	324.90	15.56	309.34	—	—
S-14	07/12/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	—	324.90	16.77	308.13	—	—
S-14	10/20/2006	<50.0	0.560	1.08	<0.500	0.630	—	<0.500	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	324.90	17.26	307.64	—	—
S-14	01/22/2007	—	—	—	—	—	—	—	—	—	—	—	—	—	—	324.90	17.54	307.36	—	—
S-14	04/13/2007	<50 i	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	324.90	17.10	307.80	—	—
S-14	10/22/2007	<50 i	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	324.90	17.56	307.34	—	—
S-14	04/11/2008	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	324.90	17.23	307.67	—	—
S-14	07/29/2008	—	—	—	—	—	—	—	—	—	—	—	—	—	—	324.90	18.30	306.60	—	—
S-14	10/29/2008	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	324.90	18.62	306.28	—	—
S-14	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	324.90	17.40	307.50	—	—
S-14	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	324.90	18.46	306.44	—	—

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-14	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	324.90	18.45	306.45	—	—
S-14	07/06/2010	—	—	—	—	—	—	—	—	—	—	—	—	—	—	324.90	18.62	306.28	—	—
S-14	01/21/2011	<50	<0.50	<0.50	<0.50	1.6	—	<1.0	<10	<1.0	<1.0	<1.0	—	—	<150	324.90	17.80	307.10	—	—
S-14	07/20/2011	—	—	—	—	—	—	—	—	—	—	—	—	—	—	324.90	18.19	306.71	—	—
S-14	01/06/2012	<50	<0.50	<0.50	<0.50	<1.0	—	<1.0	<10	<1.0	<1.0	<1.0	—	—	<150	324.90	19.91	304.99	—	—
S-14	01/04/2013	<50	<0.50	<0.50	<0.50	<1.0	—	<0.50	<10	<0.50	<0.50	<0.50	—	—	<150	324.90	17.44	307.46	—	—
S-14	06/06/2014	—	—	—	—	—	—	—	—	—	—	—	—	—	—	324.90	19.17	305.73	—	—
S-14	07/30/2014	—	—	—	—	—	—	—	—	—	—	—	—	—	—	324.90	19.63	305.27	—	—
S-15	04/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	<0.500	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	—	24.00	—	—	—
S-15	07/12/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	23.85	—	—	—
S-15	10/20/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	<0.500	<10.0	<0.500	<0.500	<0.500	—	—	<50.0	—	23.87	—	—	—
S-15	01/22/2007	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	26.03	—	—	—
S-15	04/13/2007	<50 i	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	—	24.29	—	—	—
S-15	10/22/2007	<50 i	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	—	24.34	—	—	—
S-15	04/11/2008	<50	<0.50	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	<100	—	23.90	—	—	—
S-15	07/29/2008	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	23.91	—	—	—
S-15	10/29/2008	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	24.02	—	—	—
S-15	04/16/2009	Insufficient water	—	—	—	—	—	—	—	—	—	—	—	—	—	—	24.42	—	—	—
S-15	07/09/2009	Insufficient water	—	—	—	—	—	—	—	—	—	—	—	—	—	—	23.98	—	—	—
S-15	01/11/2010	Insufficient water	—	—	—	—	—	—	—	—	—	—	—	—	—	—	23.91	—	—	—
S-15	07/06/2010	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	23.90	—	—	—
S-15	01/21/2011	Insufficient water	—	—	—	—	—	—	—	—	—	—	—	—	—	—	23.00	—	—	—
S-15	07/20/2011	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	23.86	—	—	—
S-15	01/06/2012	<50	<0.50	<0.50	<0.50	<1.0	—	<1.0	<10	<1.0	<1.0	<1.0	—	—	<150	—	23.91	—	—	—
S-15	01/04/2013	Insufficient water	—	—	—	—	—	—	—	—	—	—	—	—	—	329.35	24.10	305.25	—	—
S-15	06/06/2014	Well dry	—	—	—	—	—	—	—	—	—	—	—	—	—	329.35	—	—	—	—
S-15	07/30/2014	—	—	—	—	—	—	—	—	—	—	—	—	—	—	329.35	24.20	305.15	—	—
SR-1	10/11/1989	200	100	<1	<10	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—
SR-1	12/14/1989	500	210	<0.5	16	16	—	—	—	—	—	—	—	—	—	—	—	—	—	—
SR-1	03/05/1990	64	20	<0.5	1.5	4.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—
SR-1	06/14/1990	60	17	<0.5	1.9	1.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—
SR-1	10/02/1990	<50	5.0	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—
SR-1	12/18/1990	<50	28	5.5	4.5	4.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—
SR-1	03/04/1994	—	—	—	—	—	—	—	—	—	—	—	—	—	—	329.78	16.34	313.44	—	—

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
SR-1	06/16/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	329.78	16.72	313.06	---	---
SR-1	12/31/2001	---	---	---	---	---	---	---	---	---	---	---	---	---	---	329.78	15.31	314.47	---	---
SR-1	04/07/2004	---	---	---	---	---	---	---	---	---	---	---	---	---	---	328.33	30.79	297.54	---	---
SR-1	07/27/2004	<500	<5.0	<5.0	<5.0	11	---	44	3,000	<20	<20	<20	---	---	<500	328.33	30.72	297.61	---	---
SR-1	08/04/2004	62	<0.50	<0.50	2.6	13	---	---	---	---	---	---	---	---	---	328.33	30.77	297.56	---	---
SR-1	10/29/2004	<500	<5.0	<5.0	<5.0	<10	---	11	1,400	<20	<20	<20	---	---	<500	328.33	30.85	297.48	---	---
SR-1	01/06/2005	<250	<2.5	<2.5	6.8	31	---	20	2,800	<10	<10	<10	---	---	---	328.33	30.92	297.41	---	---
SR-1	04/14/2005	170	12	<0.90	11	1.5	---	190	2,200	<0.90	<0.90	<0.90	---	---	<9.0	328.33	30.73	297.60	---	---
SR-1	07/29/2005	<100	<1.0	<1.0	<1.0	3.7	---	7.6	1,500	<4.0	<4.0	<4.0	---	---	<100	328.33	24.53	303.80	---	---
SR-1	10/20/2005	190	<1.0	<1.0	5.4	35	---	4.3	1,200	<4.0	<4.0	<4.0	---	---	<100	328.33	31.00	297.33	---	---
SR-1	01/26/2006	<50.0	4.65	<0.500	1.79	18.8	---	4.25	556	<0.500	<0.500	<0.500	---	---	<50.0	328.33	30.89	297.44	---	---
SR-1	04/24/2006	<50.0	2.76	<0.500	1.36	<0.500	---	42.8	180	<0.500	<0.500	<0.500	---	---	<50.0	328.33	14.94	313.39	---	---
SR-1	07/12/2006	<50.0	0.950	<0.500	<0.500	<1.50	---	3.24	171	<0.500	<0.500	<0.500	---	---	<50.0	328.33	14.71	313.62	---	---
SR-1	10/20/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	328.33	15.84	312.49	---	---
SR-1	01/22/2007	<50	0.48 k	<0.50	0.60	<1.0	---	0.70 k	46	<1.0	<1.0	<1.0	---	---	<150	328.33	15.25	313.08	---	---
SR-1	04/13/2007	61 i	0.43 k	<1.0	0.26 k	<1.0	---	9.4	62	<2.0	<2.0	<2.0	---	---	<100	328.33	14.78	313.55	---	---
SR-1	07/09/2007	<50 i	0.44 k	<1.0	0.69 k	<1.0	---	3.5	19	<2.0	<2.0	<2.0	---	---	<100	328.33	14.44	313.89	---	---
SR-1	10/22/2007	<50 i	<0.50	<1.0	0.56 k	<1.0	---	9.6	31	<2.0	<2.0	<2.0	---	---	<100	328.33	15.31	313.02	---	---
SR-1	01/09/2008	53 i	<0.50	<1.0	3.5	2.6	---	5.6	12	<2.0	<2.0	<2.0	---	---	<100	328.33	14.39	313.94	---	---
SR-1	04/11/2008	<50	<0.50	<1.0	<1.0	<1.0	---	4.7	16	<2.0	<2.0	<2.0	---	---	<100	328.33	15.00	313.33	---	---
SR-1	07/29/2008	100	<0.50	<1.0	1.7	<1.0	---	4.4	23	<2.0	<2.0	<2.0	---	---	<100	328.33	15.70	312.63	---	---
SR-1	10/29/2008	54	<0.50	<1.0	<1.0	<1.0	---	8.3	61	<2.0	<2.0	<2.0	---	---	<100	328.33	16.05	312.28	---	---
SR-1	01/21/2009	68	<0.50	<1.0	<1.0	<1.0	---	26	310	<2.0	<2.0	<2.0	---	---	<100	328.33	15.02	313.31	---	---
SR-1	04/16/2009	62	<0.50	<1.0	<1.0	<1.0	---	8.0	38	<2.0	<2.0	<2.0	---	---	<100	328.33	14.69	313.64	---	---
SR-1	07/09/2009	87	<0.50	<1.0	<1.0	<1.0	---	26	150	<2.0	<2.0	<2.0	---	---	<100	328.33	15.91	312.42	---	---
SR-1	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	---	12	230	<2.0	<2.0	<2.0	---	---	<100	328.33	15.25	313.08	---	---
SR-1	07/06/2010	<50	<0.50	<1.0	<1.0	<1.0	---	15	300	---	---	---	---	---	<100	328.33	15.28	313.05	---	---
SR-1	01/21/2011	<50	<0.50	<0.50	<0.50	<1.0	---	3.2	85	<1.0	<1.0	<1.0	---	---	<150	328.33	15.02	313.31	---	---
SR-1	07/20/2011	<50	<0.50	<0.50	<0.50	<1.0	---	8.3	180	---	---	---	---	---	<150	328.33	15.42	312.91	---	---
SR-1	01/06/2012	<50	<0.50	<0.50	<0.50	<1.0	---	2.4	60	<1.0	<1.0	<1.0	---	---	<150	328.33	16.56	311.77	---	---
SR-1	01/04/2013	59	<0.50	<0.50	<0.50	<1.0	---	4.4	160	<0.50	<0.50	<0.50	---	---	<150	328.33	14.39	313.94	---	---
SR-1	06/06/2014	---	---	---	---	---	---	---	---	---	---	---	---	---	---	328.33	18.62	309.71	---	---
SR-1	07/30/2014	---	---	---	---	---	---	---	---	---	---	---	---	---	---	328.33	19.11	309.22	---	---
SR-2	10/11/1989	880	<10	1.0	29	33	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SR-2	12/14/1989	1100	17	<0.5	100	67	---	---	---	---	---	---	---	---	---	---	---	---	---	---

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
SR-2	03/05/1990	140	3.0	<0.5	12	7.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—
SR-2	06/14/1990	<50	<0.5	<0.5	2.6	<1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
SR-2	10/02/1990	<50	<0.5	<0.5	0.5	<0.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—
SR-2	12/18/1990	<50	1.6	1.4	1.6	2.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—
SR-2	03/04/1994	—	—	—	—	—	—	—	—	—	—	—	—	—	—	328.35	14.39	313.96	—	—
SR-2	06/16/1994	—	—	—	—	—	—	—	—	—	—	—	—	—	—	328.35	14.48	313.87	—	—
SR-2	12/31/2001	—	—	—	—	—	—	—	—	—	—	—	—	—	—	328.35	13.62	314.73	—	—
SR-2	09/27/2002	<1,000	<10	<10	<10	<10	—	5,000	—	—	—	—	—	—	—	327.91	14.20	313.71	—	—
SR-2	12/27/2002	<1,000	<10	<10	<10	<10	—	4,800	1,600	<10	<10	<10	<10	<10	—	327.91	13.33	314.58	—	—
SR-2	03/24/2003	<5,000	<50	<50	<50	<100	—	10,000	—	—	—	—	—	—	—	327.91	13.75	314.16	—	—
SR-2	05/09/2003	<5,000	<50	<50	80	290	—	13,000	6,100	—	—	—	—	—	—	327.91	13.40	314.51	—	—
SR-2	07/08/2003	<5,000	<50	<50	<50	<100	—	12,000	4,800	—	—	—	—	—	—	327.31	30.48	296.83	—	—
SR-2	10/15/2003	<500	<5.0	<5.0	<5.0	20	—	1,200	9,800	—	—	—	—	—	—	327.31	15.38	311.93	—	—
SR-2	01/06/2004	<1,300	<13	<13	<13	<25	—	500	17,000	—	—	—	—	—	—	327.31	31.47	295.84	—	—
SR-2	04/07/2004	<1,300	<13	<13	<13	<25	—	280	10,000	—	—	—	—	—	—	327.31	31.54	295.77	—	—
SR-2	07/27/2004	<1,300	<13	<13	<13	<25	—	63	9,500	<50	<50	<50	—	—	<1,300	327.31	31.35	295.96	—	—
SR-2	10/29/2004	<1,300	<13	<13	<13	<25	—	47	7,600	<50	<50	<50	—	—	<1,300	327.31	30.50	296.81	—	—
SR-2	01/06/2005	<1,300	<13	<13	<13	<25	—	23	6,000	<50	<50	<50	—	—	—	327.31	31.38	295.93	—	—
SR-2	04/14/2005	<150	<1.5	<1.5	<1.5	1.7	—	27	6,300	<1.5	<1.5	<1.5	—	—	<15	327.31	31.28	296.03	—	—
SR-2	07/29/2005	<500	<5.0	<5.0	<5.0	<10	—	14	5,400	<20	<20	<20	—	—	<500	327.31	22.71	304.60	—	—
SR-2	10/20/2005	<500	<5.0	<5.0	<5.0	<10	—	<5.0	3,600	<20	<20	<20	—	—	<500	327.31	31.31	296.00	—	—
SR-2	01/26/2006	<50.0	<0.500	<0.500	1.56	7.72	—	6.37	1,620	<0.500	<0.500	<0.500	—	—	<50.0	327.31	31.60	295.71	—	—
SR-2	04/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	13.1	544	<0.500	<0.500	<0.500	—	—	<50.0	327.31	12.86	314.45	—	—
SR-2	07/12/2006	<50.0	0.950	<0.500	<0.500	<1.50	—	3.00	941	<0.500	<0.500	<0.500	—	—	<50.0	327.31	12.65	314.66	—	—
SR-2	10/20/2006	96.0	<0.500	<0.500	<0.500	<0.500	—	9.56	881	<0.500	<0.500	<0.500	—	—	<50.0	327.31	14.10	313.21	—	—
SR-2	01/22/2007	<50	<0.50	<0.50	<0.50	<1.0	—	2.8	1,100	<1.0	<1.0	<1.0	—	—	<150	327.31	13.47	313.84	—	—
SR-2	04/13/2007	<50 i	<0.50	<1.0	<1.0	<1.0	—	6.9	520	<2.0	<2.0	<2.0	—	—	<100	327.31	12.89	314.42	—	—
SR-2	07/09/2007	58 ij	0.14 k	<1.0	<1.0	<1.0	—	21	720	<2.0	<2.0	<2.0	—	—	<100	327.31	12.03	315.28	—	—
SR-2	10/22/2007	<50 i	<0.50	<1.0	<1.0	<1.0	—	2.0	69	<2.0	<2.0	<2.0	—	—	<100	327.31	13.51	313.80	—	—
SR-2	01/09/2008	<50 i	0.17 M	<1.0	<1.0	<1.0	—	8.7	100	<2.0	<2.0	<2.0	—	—	<100	327.31	13.63	313.68	—	—
SR-2	04/11/2008	<50	<0.50	<1.0	<1.0	<1.0	—	8.3	280	<2.0	<2.0	<2.0	—	—	<100	327.31	13.21	314.10	—	—
SR-2	07/29/2008	<50	<0.50	<1.0	<1.0	<1.0	—	1.2	22	<2.0	<2.0	<2.0	—	—	<100	327.31	14.81	312.50	—	—
SR-2	10/29/2008	<50	<0.50	<1.0	<1.0	<1.0	—	1.6	21	<2.0	<2.0	<2.0	—	—	<100	327.31	15.10	312.21	—	—
SR-2	01/21/2009	<50	<0.50	<1.0	<1.0	<1.0	—	1.6	70	<2.0	<2.0	<2.0	—	—	<100	327.31	12.79	314.52	—	—
SR-2	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	—	2.3	73	<2.0	<2.0	<2.0	—	—	<100	327.31	12.64	314.67	—	—
SR-2	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	—	4.0	63	<2.0	<2.0	<2.0	—	—	<100	327.31	14.07	313.24	—	—

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
SR-2	01/11/2010	83	<0.50	<1.0	<1.0	<1.0	—	4.8	220	<2.0	<2.0	<2.0	—	—	<100	327.31	13.04	314.27	—	—
SR-2	07/06/2010	2100	28	<2.0	21	<2.0	—	38	820	—	—	—	—	—	<200	327.31	14.43	312.88	—	—
SR-2	07/06/2010	—	—	—	—	—	—	—	—	—	—	—	—	—	—	327.31	13.19	314.12	—	—
SR-2	01/21/2011	<50	<0.50	<0.50	<0.50	<1.0	—	1.3	53	<1.0	<1.0	<1.0	—	—	<150	327.31	13.04	314.27	—	—
SR-2	07/20/2011	—	—	—	—	—	—	—	—	—	—	—	—	—	—	327.31	13.44	313.87	—	—
SR-2	01/06/2012	<50	<0.50	<0.50	<0.50	<1.0	—	1.4	36	<1.0	<1.0	<1.0	—	—	<150	327.31	14.25	313.06	—	—
SR-2	01/04/2013	<50	<0.50	<0.50	<0.50	<1.0	—	1.1	<10	<0.50	<0.50	<0.50	—	—	<150	327.31	12.30	315.01	—	—
SR-2	06/06/2014	—	—	—	—	—	—	—	—	—	—	—	—	—	—	327.31	16.07	311.24	—	—
SR-2	07/30/2014	—	—	—	—	—	—	—	—	—	—	—	—	—	—	327.31	16.51	310.80	—	—
SR-3	12/11/1989	500	92	10	43	100	—	—	—	—	—	—	—	—	—	—	—	—	—	—
SR-3	12/14/1989	2,400	310	27	170	340	—	—	—	—	—	—	—	—	—	—	—	—	—	—
SR-3	03/05/1990	70	15	0.8	5.8	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—
SR-3	06/14/1990	470	59	2.3	35	50	—	—	—	—	—	—	—	—	—	—	—	—	—	—
SR-3	10/02/1990	1,700	91	6.2	7.0	100	—	—	—	—	—	—	—	—	—	—	—	—	—	—
SR-3	12/18/1990	140	10	0.8	7.5	14	—	—	—	—	—	—	—	—	—	—	—	—	—	—
SR-3	03/04/1994	—	—	—	—	—	—	—	—	—	—	—	—	—	—	329.11	14.66	314.45	—	—
SR-3	06/16/1994	—	—	—	—	—	—	—	—	—	—	—	—	—	—	329.11	14.96	314.15	—	—
SR-3	12/31/2001	—	—	—	—	—	—	—	—	—	—	—	—	—	—	329.11	13.60	315.51	—	—
SR-3	09/27/2002	<2,500	<25	<25	<25	<25	—	11,000	—	—	—	—	—	—	—	328.65	14.75	313.90	—	—
SR-3	12/27/2002	<2,000	<20	<20	<20	<20	—	5,100	4,600	<20	<20	<20	<20	<20	—	328.65	13.65	315.00	—	—
SR-3	03/24/2003	<2,500	<25	<25	<25	<50	—	3,700	—	—	—	—	—	—	—	328.65	13.52	315.13	—	—
SR-3	05/09/2003	<1,000	15	<10	19	48	—	3,700	8,400	—	—	—	—	—	—	328.65	12.15	316.50	—	—
SR-3	07/08/2003	<1,000	<10	<10	<10	<20	—	2,800	8,300	—	—	—	—	—	—	327.50	30.00	297.50	—	—
SR-3	10/15/2003	310	3.2	<2.5	9.1	30	—	240	3,600	—	—	—	—	—	—	327.50	15.39	312.11	—	—
SR-3	01/06/2004	<500	<5.0	<5.0	<5.0	<10	—	26	3,300	—	—	—	—	—	—	327.50	30.29	297.21	—	—
SR-3	04/07/2004	<50	<0.50	<0.50	<0.50	<1.0	—	4.4	370	—	—	—	—	—	—	327.50	15.49	312.01	—	—
SR-3	07/27/2004	<50	<0.50	<0.50	<0.50	<1.0	—	9.0	390	<2.0	<2.0	<2.0	—	—	<50	327.50	15.34	312.16	—	—
SR-3	10/29/2004	<100	<1.0	<1.0	<1.0	<2.0	—	15	780	<4.0	<4.0	<4.0	—	—	<100	327.50	15.22	312.28	—	—
SR-3	01/06/2005	<50	<0.50	<0.50	<0.50	<1.0	—	6.3	250	<2.0	<2.0	<2.0	—	—	—	327.50	15.08	312.42	—	—
SR-3	04/14/2005	58	0.76	<0.50	1.5	<0.50	—	46	2,200	<0.50	<0.50	<0.50	—	—	<5.0	327.50	30.53	296.97	—	—
SR-3	07/29/2005	<50	<0.50	<0.50	<0.50	<1.0	—	6.7	490	<2.0	<2.0	<2.0	—	—	<50	327.50	21.81	305.69	—	—
SR-3	10/20/2005	<50	<0.50	<0.50	<0.50	<1.0	—	3.3	76	<2.0	<2.0	<2.0	—	—	<50	327.50	29.19	298.31	—	—
SR-3	01/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	3.34	84.9	<0.500	<0.500	<0.500	—	—	<50.0	327.50	31.00	296.50	—	—
SR-3	04/24/2006	<50.0	1.67	<0.500	0.640	<0.500	—	36.4	315	<0.500	<0.500	<0.500	—	—	<50.0	327.50	12.42	315.08	—	—
SR-3	07/12/2006	<50.0	0.950	<0.500	<0.500	<1.50	—	9.73	724	<0.500	<0.500	<0.500	—	—	<50.0	327.50	12.75	314.75	—	—

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
SR-3	10/20/2006	73.3	<0.500	<0.500	<0.500	<0.500	—	5.64	847	<0.500	<0.500	<0.500	—	—	<50.0	327.50	13.93	313.57	—	—
SR-3	01/22/2007	56	<2.0	<2.0	<2.0	<4.0	—	5.6	1,300	<4.0	<4.0	<4.0	—	—	<600	327.50	13.31	314.19	—	—
SR-3	04/13/2007	66 i,j	<5.0	<10	<10	<10	—	16	2,400	<20	<20	<20	—	—	<1,000	327.50	13.61	313.89	—	—
SR-3	07/09/2007	150 i,j	0.97	<1.0	0.33 k	<1.0	—	19	1,300	<2.0	<2.0	<2.0	—	—	<100	327.50	11.87	315.63	—	—
SR-3	10/22/2007	51 i	<0.50	<1.0	<1.0	<1.0	—	8.3	950	<2.0	<2.0	<2.0	—	—	<100	327.50	13.40	314.10	—	—
SR-3	01/09/2008	<50 i	<0.50	<1.0	<1.0	<1.0	—	5.2	610	<2.0	<2.0	<2.0	—	—	<100	327.50	13.61	313.89	—	—
SR-3	04/11/2008	66	<0.50	<1.0	<1.0	<1.0	—	9.3	830	<2.0	<2.0	<2.0	—	—	<100	327.50	14.11	313.39	—	—
SR-3	07/29/2008	60	<0.50	<1.0	<1.0	<1.0	—	7.1	570	<2.0	<2.0	<2.0	—	—	<100	327.50	14.85	312.65	—	—
SR-3	10/29/2008	52	<0.50	<1.0	<1.0	<1.0	—	4.6	390	<2.0	<2.0	<2.0	—	—	<100	327.50	14.94	312.56	—	—
SR-3	01/21/2009	320	4.0	<1.0	1.8	<1.0	—	11	760	<2.0	<2.0	<2.0	—	—	<100	327.50	12.47	315.03	—	—
SR-3	04/16/2009	80	0.59	<1.0	<1.0	<1.0	—	5.8	320	<2.0	<2.0	<2.0	—	—	<100	327.50	12.49	315.01	—	—
SR-3	07/09/2009	54	<0.50	<1.0	<1.0	<1.0	—	4.5	250	<2.0	<2.0	<2.0	—	—	<100	327.50	13.87	313.63	—	—
SR-3	01/11/2010	190	1.7	<1.0	<1.0	<1.0	—	7.2	390	<2.0	<2.0	<2.0	—	—	<100	327.50	12.73	314.77	—	—
SR-3	07/06/2010	100	<0.50	<1.0	<1.0	<1.0	—	2.3	110	—	—	—	—	—	<100	327.50	13.14	314.36	—	—
SR-3	01/21/2011	63	<0.50	<0.50	<0.50	<1.0	—	1.8	85	<1.0	<1.0	<1.0	—	—	<150	327.50	12.74	314.76	—	—
SR-3	07/20/2011	<50	<0.50	<0.50	<0.50	<1.0	—	1.4	63	—	—	—	—	—	<150	327.50	13.28	314.22	—	—
SR-3	01/06/2012	<50	<0.50	<0.50	<0.50	<1.0	—	1.3	23	<1.0	<1.0	<1.0	—	—	<150	327.50	14.53	312.97	—	—
SR-3	01/04/2013	110	<0.50	<0.50	<0.50	<1.0	—	1.4	62	<0.50	<0.50	<0.50	—	—	<150	327.50	11.91	315.59	—	—
SR-3	06/06/2014	—	—	—	—	—	—	—	—	—	—	—	—	—	327.50	14.90	312.60	—	—	
SR-3	07/30/2014	—	—	—	—	—	—	—	—	—	—	—	—	—	327.50	15.12	312.38	—	—	
T-1	06/18/2002	<5,000	<50	<50	<50	<50	—	20,000	—	—	—	—	—	—	—	12.31	—	—	—	—
T-2	09/17/2001	<5,000	<25	<25	<25	<25	—	29,000	—	—	—	—	—	—	—	11.48	—	—	—	—
T-2	12/31/2001	<5,000	<50	<50	<50	<50	—	31,000	—	—	—	—	—	—	—	4.96	—	—	—	—
T-2	03/13/2002	<5,000	<50	<50	<50	<50	—	48,000	—	—	—	—	—	—	—	9.76	—	—	—	—
T-2	06/18/2002	<20,000	<200	<200	<200	<200	—	100,000	—	—	—	—	—	—	—	12.58	—	—	—	—
T-2	09/27/2002	240	0.55	2.8	1.8	2.6	—	39	—	—	—	—	—	—	—	8.15	—	—	—	—
T-2	12/27/2002	2,100	7.8	17	<0.50	11	—	790	1,200	<2.0	<2.0	2.7	<2.0	<2.0	—	6.75	—	—	—	—
T-2	03/24/2003	550	<2.5	<2.5	<2.5	<5.0	—	310	—	—	—	—	—	—	—	11.68	—	—	—	—
T-2	05/09/2003	220	0.66	0.55	<0.50	1.8	—	100	92	—	—	—	—	—	—	6.40	—	—	—	—
T-2	07/08/2003	<500	13	7.4	<5.0	22	—	990	120	—	—	—	—	—	—	8.16	—	—	—	—
T-2	10/15/2003	220 d	<0.50	<0.50	<0.50	<1.0	—	13	23	—	—	—	—	—	—	11.15	—	—	—	—
T-2	01/06/2004	710	<0.50	<0.50	<0.50	1.2	—	14	9.2	—	—	—	—	—	—	9.10	—	—	—	—
T-2	04/07/2004	570 d	5.4	<0.50	<0.50	1.2	—	5.6	11	—	—	—	—	—	—	10.54	—	—	—	—
T-2	07/27/2004	270	17	1.2	<0.50	2.0	—	2.9	7.9	<2.0	<2.0	<2.0	—	—	<50	—	9.89	—	—	—
T-2	10/29/2004	180	<0.50	<0.50	<0.50	<1.0	—	4.2	23	<2.0	<2.0	<2.0	—	—	<50	—	9.42	—	—	—

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
T-2	01/06/2005	1,100	0.83	<0.50	<0.50	3.5	—	3.0	12	<2.0	<2.0	<2.0	—	—	—	—	7.98	—	—	—
T-3	06/18/2002	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Dry	—	—	—
T-4	06/18/2002	<10,000	<100	<100	<100	<200	—	97,000	—	—	—	—	—	—	—	—	13.50	—	—	—
T-4	12/27/2002	550	5.3	16	0.60	39	—	140	120	<2.0	<2.0	<2.0	<2.0	<2.0	—	—	7.65	—	—	—
T-4	03/24/2003	1,400	<0.50	1.0	1.2	3.6	—	15	—	—	—	—	—	—	—	—	12.88	—	—	—
T-4	05/09/2003	<50	<0.50	<0.50	<0.50	1.6	—	14	5.2	—	—	—	—	—	—	—	7.59	—	—	—
T-4	07/08/2003	730	26	8.9	10	19	—	1,000	150	—	—	—	—	—	—	—	9.33	—	—	—
T-4	10/15/2003	1,200	15	6.1	2.8	11	—	310	980	—	—	—	—	—	—	—	11.80	—	—	—
T-4	01/06/2004	68	1.1	<0.50	<0.50	<1.0	—	12	<5.0	—	—	—	—	—	—	—	9.78	—	—	—
T-4	04/07/2004	1,600	5.1	0.57	<0.50	2.3	—	6.1	<5.0	—	—	—	—	—	—	—	11.15	—	—	—
T-4	07/27/2004	590	5.3	0.83	0.52	2.2	—	4.8	7.5	<2.0	<2.0	<2.0	—	—	<50	—	10.93	—	—	—
T-4	10/29/2004	83	<0.50	<0.50	<0.50	<1.0	—	1.2	<5.0	<2.0	<2.0	<2.0	—	—	<50	—	10.06	—	—	—
T-4	01/06/2005	430 f	<0.50	<0.50	<0.50	<1.0	—	9.6	<5.0	<2.0	<2.0	<2.0	—	—	—	—	8.69	—	—	—
C-1	05/09/2003	—	—	—	—	—	—	—	—	—	—	—	—	—	—	331.33	28.50	302.83	—	—
C-1	07/08/2003	—	—	—	—	—	—	—	—	—	—	—	—	—	—	331.33	28.50	302.83	—	—
C-1	10/15/2003	—	—	—	—	—	—	—	—	—	—	—	—	—	—	331.33	28.52	302.81	—	—
C-1	01/06/2004	—	—	—	—	—	—	—	—	—	—	—	—	—	—	331.33	28.21	303.12	—	—
C-1	04/07/2004	—	—	—	—	—	—	—	—	—	—	—	—	—	—	331.33	28.54	302.79	—	—
C-1	07/27/2004	—	—	—	—	—	—	—	—	—	—	—	—	—	—	331.33	28.58	302.75	—	—
C-1	10/29/2004	—	—	—	—	—	—	—	—	—	—	—	—	—	—	331.33	28.58	302.75	—	—
C-1	01/06/2005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	331.33	28.55	302.78	—	—
C-1	04/14/2005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	331.33	28.55	302.78	—	—
C-1	07/29/2005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	331.33	28.54	302.79	—	—
C-1	10/20/2005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	331.33	31.11	300.22	—	—
C-1	01/26/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	—	331.33	31.15	300.18	—	—
C-1	04/24/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	—	331.33	32.07	299.26	—	—
C-1	07/12/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	—	331.33	29.30	302.03	—	—
C-1	10/20/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	—	331.33	31.64	299.69	—	—
C-1	01/22/2007	—	—	—	—	—	—	—	—	—	—	—	—	—	—	331.33	30.03	301.30	—	—
C-1	04/13/2007	—	—	—	—	—	—	—	—	—	—	—	—	—	—	331.33	30.21	301.12	—	—
C-1	07/09/2007	—	—	—	—	—	—	—	—	—	—	—	—	—	—	331.33	33.38	297.95	—	—
C-1	10/22/2007	—	—	—	—	—	—	—	—	—	—	—	—	—	—	331.33	33.18	298.15	—	—
C-1	01/09/2008	—	—	—	—	—	—	—	—	—	—	—	—	—	—	331.33	28.21	303.12	—	—

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2- DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
C-1	04/11/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	33.52	297.81	---	---
C-1	07/29/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	30.91	300.42	---	---
C-1	10/29/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	31.02	300.31	---	---
C-1	01/21/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	30.54	300.79	---	---
C-1	04/16/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	30.61	300.72	---	---
C-1	07/09/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	30.74	300.59	---	---
C-1	01/11/2010	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	30.83	300.50	---	---
C-1	07/06/2010	920	230	<5	150	150	---	---	---	---	---	---	---	---	---	331.33	30.92	300.41	---	---
C-1	01/21/2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	34.46	296.87	---	---
C-1	07/20/2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	30.82	300.51	---	---
C-1	01/06/2012	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	30.97	300.36	---	---
C-1	01/04/2013	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	30.38	300.95	---	---
C-1	06/06/2014	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	31.00	300.33	---	---
C-1	07/30/2014	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	33.42	297.91	---	---

Notes:

TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8260B; prior to June 18, 2001, analyzed by EPA Method 8015 unless otherwise noted.

BTEX = Benzene, toluene, ethylbenzene, and total xylenes analyzed by EPA Method 8260B; prior to June 18, 2001, analyzed by EPA Method 8020.

MTBE = Methyl tertiary-butyl ether analyzed by method noted

TBA = Tertiary-butyl alcohol analyzed by EPA Method 8260B

DIPE = Di-isopropyl ether analyzed by EPA Method 8260B

ETBE = Ethyl tertiary-butyl ether analyzed by EPA Method 8260B

TAME = Tertiary-amyl methyl ether analyzed by EPA Method 8260B

1,2-DCA = 1,2-Dichloroethane analyzed by EPA Method 8260

EDB = 1,2-dibromoethane analyzed by EPA Method 8260

Ethanol analyzed by EPA Method 8260.

TOC = Top of casing elevation, in feet relative to mean sea level

GW = Groundwater

SPH = Separate-phase hydrocarbons

DO = Dissolved oxygen

µg/L = Micrograms per liter

ft = Feet

MSL = Mean sea level

mg/L = Milligrams per liter

<x = Not detected at reporting limit x

--- = Not analyzed or not available

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA**

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

a = Compounds detected within the chromatographic range of gasoline but not characteristic of the standard gasoline pattern.

b = Analyzed outside of the EPA recommended holding time.

c = Samples for wells S-6 and S-7 may have been switched.

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

e = The concentration reported reflects individual or discrete unidentified peaks not matching a typical fuel pattern.

f = Quantity of unknown hydrocarbon(s) in sample based on gasoline.

g = Due to the low levels of analyte found in the sample, the analyte was qualitatively identified based on the compound's retention time and the presence of a single mass ion.

h = Hydrocarbon result partly due to individual peak(s) in quantitation range.

i = Analyzed by EPA Method 8015B (M).

j = The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

k = Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.

Corrected groundwater elevation when SPHs are present = TOC - Depth to Water + (0.8 x Hydrocarbon Thickness).

Well T-2 is a backfill well.

Beginning September 23, 2002 depth to water referenced to TOC

All wells except S-11, S-12, and T-1 through T-4 surveyed March 11, 2002 by Virgil Chavez Land Surveying

Wells S-11 and S-12 surveyed January 6, 2003 by Virgil Chavez Land Surveying

Creek bridge gauging point C-1 surveyed March 18, 2003 by Virgil Chavez Land Surveying

Wells SR-1, SR-2, and SR-3 surveyed September 22, 2003 by Virgil Chavez Land Surveying

4Q05 survey data for wells S-5B, S-5C, S-9B, S-9C, and S-14 provided by Delta Environmental Consultants, Inc.

Well S-15 surveyed April 20, 2012 by Virgil Chavez Land Surveying