ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Director

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

March 18, 2014

Marvin Katz
Shell Oil Products US
20945 S. Wilmington Ave.
Carson, CA 90810-1039
(*Sent via E-mail to: marvin.katz@shell.com*)

1801 Santa Rita Road, LLC
Attn: Stanley Lam
1801 Santa Rita Road
Pleasanton, CA 94566

Subject: Case Closure for Fuel Leak Case No. RO0002882 and GeoTracker Global ID T0600144714, Shell #13-5783, 1801 Santa Rita Road, Pleasanton, CA 94566

Dear Mr.Katz and Mr. Lam:

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

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

Sincerely,

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

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

Cc w/enc.:

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
(*Sent via E-mail to: pschaefer@craworld.com*)

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

GeoTracker, eFile

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

March 18, 2014

Marvin Katz
Shell Oil Products US
20945 S. Wilmington Ave.
Carson, CA 90810-1039
(*Sent via E-mail to: marvin.katz@shell.com*)

1801 Santa Rita Road, LLC
Attn: Stanley Lam
1801 Santa Rita Road
Pleasanton, CA 94566

Subject: Case Closure for Fuel Leak Case No. RO0002882 and GeoTracker Global ID T0600144714, Shell #13-5783, 1801 Santa Rita Road, Pleasanton, CA 94566

Dear Mr.Katz and Mr. Lam:

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

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

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

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

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

Sincerely,

Ariu Levi
Director

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

I. AGENCY INFORMATION

Date: October 30, 2013

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

II. CASE INFORMATION

Site Facility Name: Shell #13-5783		
Site Facility Address: 1801 Santa Rita Road, Pleasanton, CA 94556		
RB Case No.: NA	Local Case No.: ---	LOP Case No.: RO0002882
URF Filing Date: 12/20/2002	Geotracker ID: T0600144714	APN: 946-3295-3-6
Current Land Use: Active Fueling Station		

Responsible Parties	Addresses	Phone Numbers
Marvin Katz Shell Oil Products US	20945 S. Wilmington Ave. Carson, CA 90810-1039	(310) 550-5846
Stanley Lam 1801 Santa Rita Road LLC	1801 Santa Rita Road Pleasanton, CA 94566	No phone number

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
1	550	Waste oil	Removed	2/17/2007
Piping			Replaced	11/15/2002

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Unknown. No releases from the USTs or piping were identified.		
Site characterization complete? Yes	Date Approved By Oversight Agency: ----	
Monitoring wells installed? Yes	Number: 8	Proper screened interval? Yes
Highest GW Depth Below Ground Surface: 34.95 fbgs	Lowest Depth: 85.49 fbgs	Flow Direction: Most frequently to the southwest but variable*
Most Sensitive Current Groundwater Use: Drinking water source.		

*The groundwater flow direction for the site has historically been directed between west and south, with variances to the northwest and southeast.

Summary of Production Wells in Vicinity: There are three municipal drinking water supply wells within 2,000 feet of the site. City of Pleasanton Well 6 is the nearest well, located approximately 1,530 feet south of the site. City of Pleasanton Wells 4 and 5 are located approximately 1,785 feet and 1,848 feet southeast of the site, respectively. 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.	
Are drinking water wells affected? No	Aquifer Name: Amador Subbasin of Livermore-Amador Basin
Is surface water affected? No	Nearest SW Name: Arroyo Valle is approximately 3,900 feet south of the site.
Reports on file? Yes	Where are reports filed? Alameda County Environmental Health and Livermore-Pleasanton Fire Department

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank	550-gallon	Not reported.	2/14/2007
Piping	Not reported	Not reported	11/15/2002
Free Product	----	----	----
Soil	150 yd^3	Disposed of at Forward Landfill in Manteca, CA.	11/15/2002
Groundwater	----	----	----

LTCP GROUNDWATER SPECIFIC CRITERIA					
LTCP Groundwater Specific Scenario under which case was closed: Scenario 1					
Site Data		LTCP Scenario 1 Criteria (ppb)	LTCP Scenario 2 Criteria (ppb)	LTCP Scenario 3 Criteria (ppb)	LTCP Scenario 4 Criteria (ppb)
Plume Length	<100 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 and decreasing	Stable or decreasing	Stable or decreasing	Stable or decreasing for minimum of 5 Years	Stable or decreasing
Distance to Nearest Water Supply Well	1,530 feet	<250 feet	<1,000 feet	<1,000 feet	<1,000 feet
Distance to Nearest Surface Water and Direction	3,900 feet upgradient	<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 (ppb)	Current Site Maximum (ppb)	LTCP Scenario 1 Criteria (ppb)	LTCP Scenario 2 Criteria (ppb)	LTCP Scenario 3 Criteria (ppb)	LTCP Scenario 4 Criteria (ppb)
Benzene	3,720	1.4	No criteria	3,000	No criteria	1,000
MTBE	290	63	No criteria	1,000	No criteria	1,000
Scenario 5: If the site does not meet scenarios 1 through 4, has a determination been made that under current and reasonably expected future scenarios, the contaminant plume poses a low threat to human health and safety and to the environment and water quality objectives will be achieved within a reasonable time frame?			----			

LTCP VAPOR SPECIFIC CRITERIA							
LTCP Vapor Specific Scenario under which case was closed: Active fueling station exempt from vapor specific criteria,							
Active Fueling Station	Active as of 09/11/2013.						
Site Data		LTCP Scenario 1 Criteria	LTCP Scenario 2 Criteria	LTCP Scenario 3A Criteria	LTCP Scenario 3B Criteria	LTCP Scenario 3C Criteria	LTCP Scenario 4 Criteria
Unweathered NAPL	No NAPL	LNAPL in groundwater	LNAPL in soil	No NAPL	No NAPL	No NAPL	No criteria
Thickness of Bioattenuation Zone Beneath Foundation	Likely >10 feet	≥30 feet	≥30 feet	≥5 feet	≥10 feet	≥5 feet	≥5 feet
Total TPH in Bioattenuation Zone	<100 ppm	<100 ppm	<100 ppm	<100 ppm	<100 ppm	<100 ppm	<100 ppm
Maximum Current Benzene Concentration in Groundwater	1.4	No criteria	No criteria	<100 ppb	≥100 and <1,000 ppb	<1,000 ppb	No criteria
Oxygen Data within Bioattenuation Zone	No oxygen data	No criteria	No criteria	No oxygen data or <4%	No oxygen data or <4%	≥4% at lower end of zone	≥4% at lower end of zone
Depth of soil vapor measurement beneath foundation	No soil vapor data	No criteria	No criteria	No criteria	No criteria	No criteria	≥5 feet

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

LTCP DIRECT CONTACT AND OUTDOOR AIR EXPOSURE CRITERIA						
LTCP Direct Contact and Outdoor Air Exposure Specific Scenario under which case was closed: Maximum concentrations of petroleum hydrocarbons are less than or equal to those in Table 1 below						
Are maximum concentrations less than those in Table 1 below?		Yes				
Constituent		Residential		Commercial/Industrial		Utility Worker
		0 to 5 feet bgs (ppm)	Volatilization to outdoor air (5 to 10 feet bgs) ppm	0 to 5 feet bgs (ppm)	Volatilization to outdoor air (5 to 10 feet bgs) ppm	0 to 10 feet bgs (ppm)
Site Maximum	Benzene	<0.005	<0.005	<0.005	<0.005	<0.005
LTCP Criteria	Benzene	≤1.9	≤2.8	≤8.2	≤12	≤14
Site Maximum	Ethylbenzene	<0.005	<0.005	<0.005	<0.005	<0.005
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?		----				

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes		
Does corrective action protect public health for current land use? Alameda County Environmental Health staff does not make specific determinations concerning public health risk. However, based upon the information available in our files to date, closure of this site appears to be consistent with the policies established by the State Water Resources Control Board Low-Threat Underground Storage Tank Closure Policy which became effective on August 17, 2012.		
Site Management Requirements: This fuel leak case has been evaluated for closure consistent with the State Water Resources Control Board Low-Threat Underground Storage Tank Closure Policy (LTCP). Based on this evaluation, no site management requirements appear to be necessary. However, 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.		
Should corrective action be reviewed if land use changes? No		
Was a deed restriction or deed notification filed? No		Date Recorded:
Monitoring Wells Decommissioned: No	Number Decommissioned: 0	Number Retained: 8

V. ADDITIONAL COMMENTS, DATA, ETC.

Considerations and/or Variances:

During the removal of a hydraulic hoist from the service station building in April 2005, Total Petroleum Hydrocarbons as diesel (TPHd) and oil and grease were detected at concentrations of 18,000 ppm and 11,000 ppm, respectively, in a soil sample collected from a depth of 8.5 feet beneath the former hoist. No other soil samples were collected from the excavation. Future excavation or construction activities in the area of the former hoist are likely to encounter residual petroleum hydrocarbons. 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.

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

Conclusion:

Alameda County Environmental Health staff believe that the site meets the conditions for case closure under the State Water Resources Control Board Low-Threat Underground Storage Tank Closure Policy. Based upon the information available in our files to date, no further investigation or cleanup for the fuel leak case is necessary at this time.

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Jerry Wickham, P.G.	Title: Senior Hazardous Materials Specialist
Signature: Jerry Wickham	Date: 10/31/2013
Approved by: Dilan Roe	Title: LOP and SCP Program Manager
Signature: Dilan Roe	Date: 10/31/2013

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

VII. REGIONAL BOARD NOTIFICATION

Regional Board Staff Name: Cherie McCaulou	Title: Engineering Geologist
Regional Board Notification Date: 09/05/13	
Public Notification Date: 09/05/13	

VIII. MONITORING WELL DECOMMISSIONING

Date Requested by ACEH: 11/13/13	Date of Well Decommissioning Report: 01/23/14	
All Monitoring Wells Decommissioned: (Yes) No	Number Decommissioned: 8	Number Retained: Ø
Reason Wells Retained: N A		
ACEH Concurrence - Signature: Jerry Wickham		Date: 03/18/14

Attachments:

1. Site Vicinity Map and Aerial Photo (2 pp)
2. Site Plan (1 p)
3. Groundwater Contour and Concentration Maps (3 pp)
4. Soil Analytical Data (7 pp)
5. Groundwater Analytical Data (8 pp)
6. Cross Sections (2 pp)

This document and the related CASE CLOSURE LETTER & REMEDIAL ACTION COMPLETION CERTIFICATE shall be retained by the lead agency as part of the official site file.

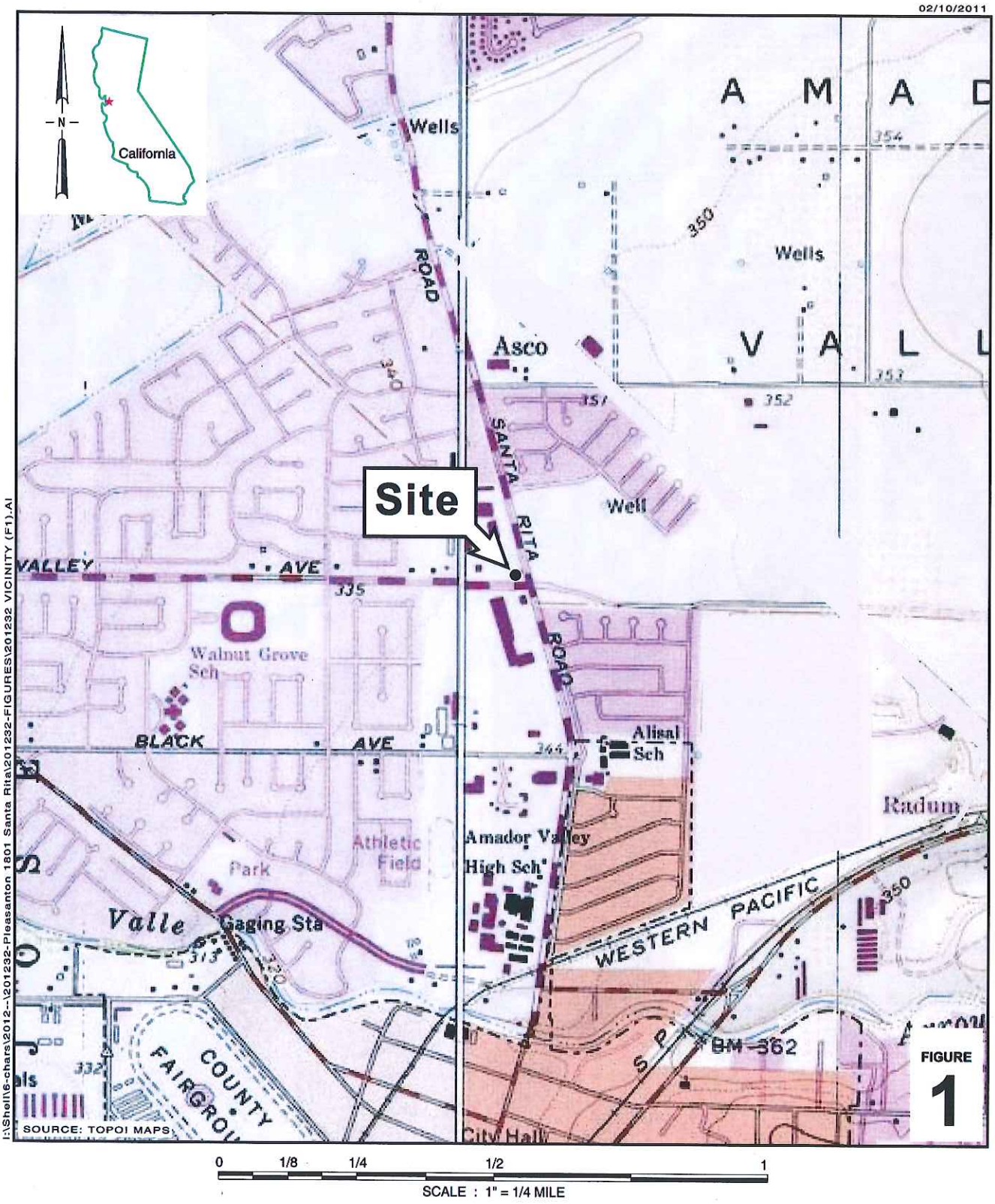


FIGURE 1

0 1/8 1/4 1/2 1

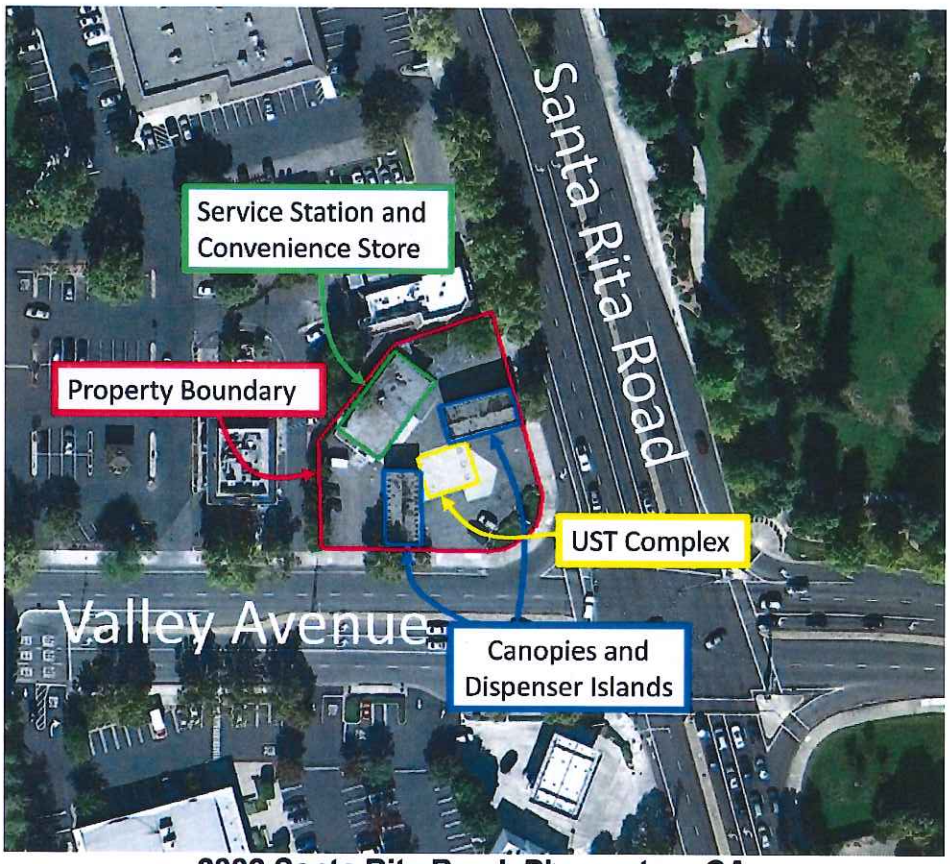
SCALE : 1" = 1/4 MILE

Shell-branded Service Station
1801 Santa Rita Road
Pleasanton, California

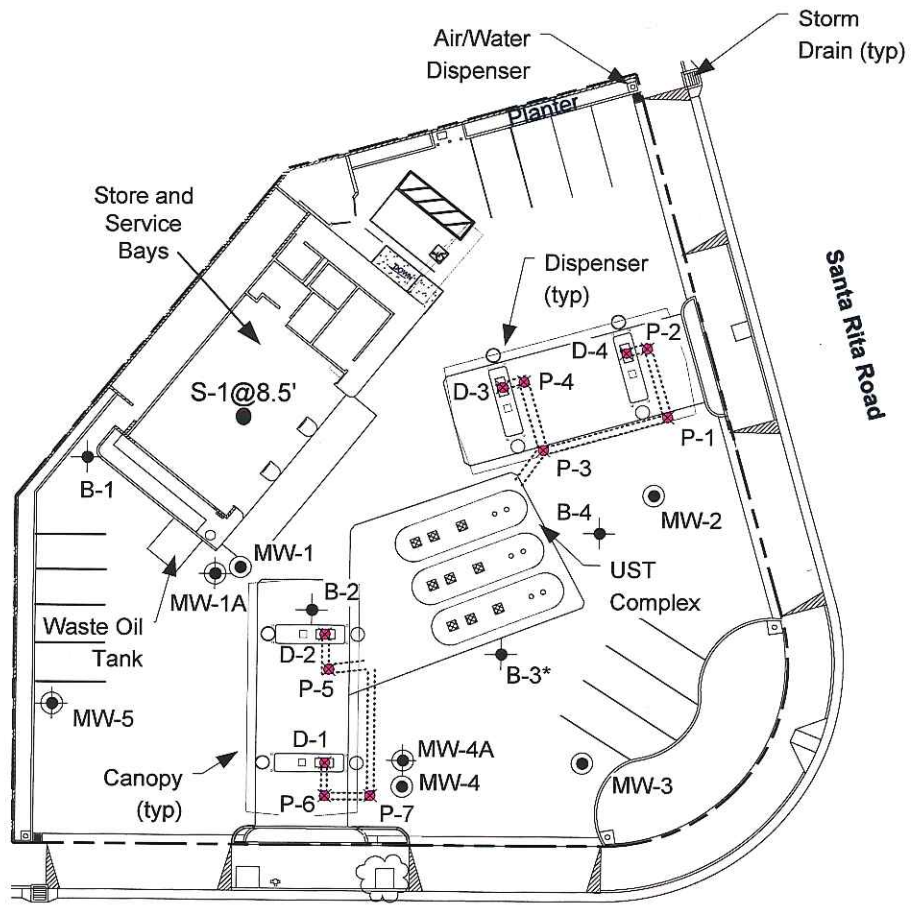
CONESTOGA-ROVERS & ASSOCIATES

Vicinity Map

ATTACHMENT 1



2882 Santa Rita Road, Pleasanton, CA
Aerial View of Property (Google, 2012)



No LUFT site within ½ mile

Nearest Water Supply Well 1,600 feet City of Pleasanton Well 06

Chevron Station 30 feet SW Corner of Valley and Santa Rita

0 ft. 40 ft. 80 ft.

LEGEND

- MW-1 ◉ **GROUNDWATER MONITORING WELL (OCTOBER 2002)**
- MW-1A ⊕ **GROUNDWATER MONITORING WELL (FEBRUARY 2006)**
- ..... **PIPING TRENCH**
- D-2 ⊠ **DISPENSER AND PIPING SOIL SAMPLE LOCATION (NOV. 2002)**
- S-1@8.5' ● **HOIST SOIL SAMPLE LOCATION (APRIL 2005)**
- B-1 ⊕ **SOIL BORING (FEBRUARY 2006)**
- * **BORING UNABLE TO BE CLEARED OF HAZARDS AND WAS NOT ADVANCED**

SITE MAP

SHELL-BRANDED SERVICE STATION
1801 Santa Rita Road
Pleasanton, California

PROJECT NO. SJ18-01S-G.2005	DRAWN BY JL 11/30/05
FILE NO. SJ18-01S-G.2005	
REVISION NO. 2	

ATTACHMENT 2

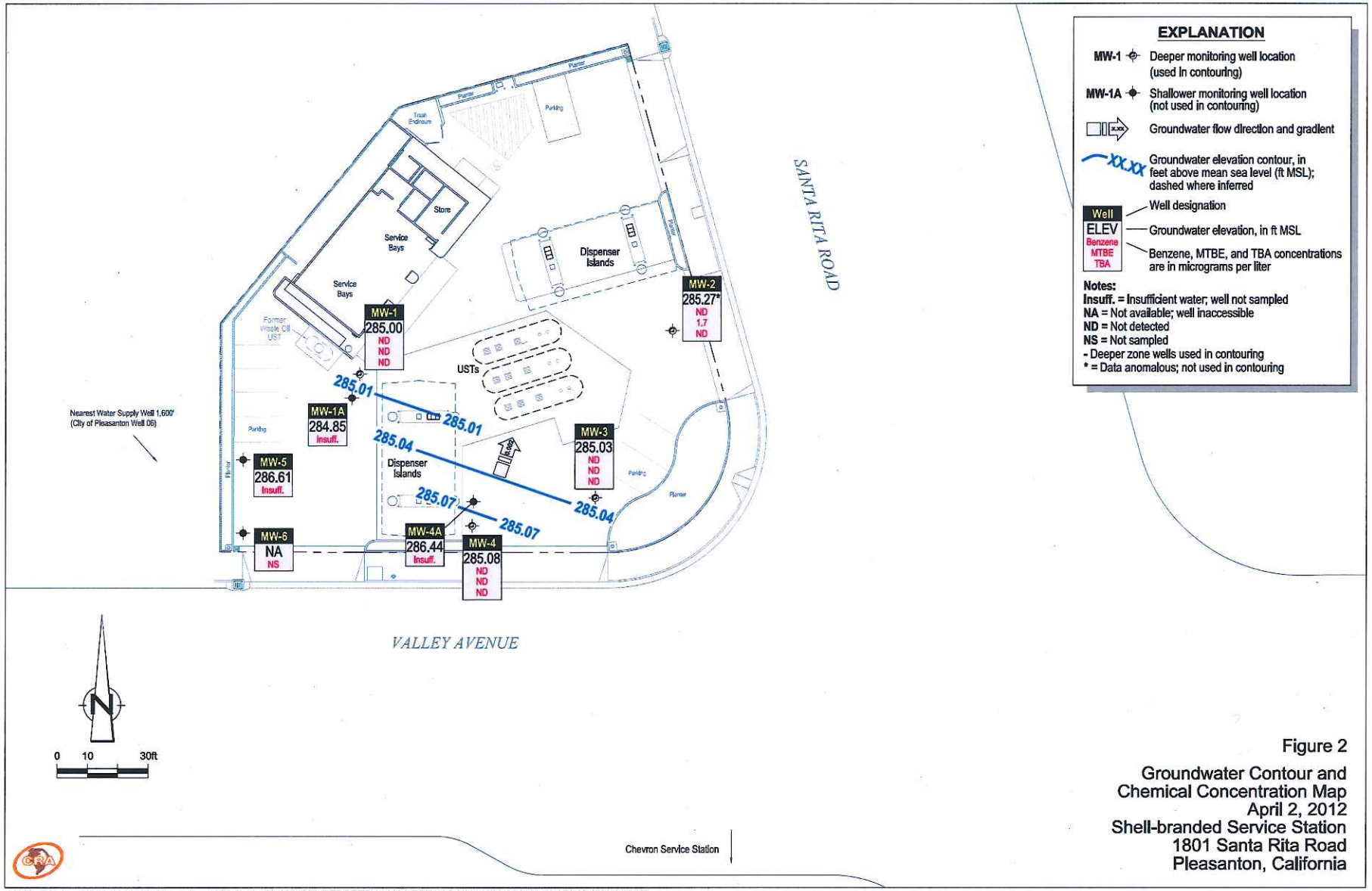


Figure 2

Groundwater Contour and Chemical Concentration Map
April 2, 2012
Shell-branded Service Station
1801 Santa Rita Road
Pleasanton, California

I:\Shell\6-chars\2012--\201232-Pleasanton 1801 Santa Rita\201232-REPORTS\201232-RPT6-2Q12\201232 2QM12-GW.DWG (08/13/2012)

ATTACHMENT 3

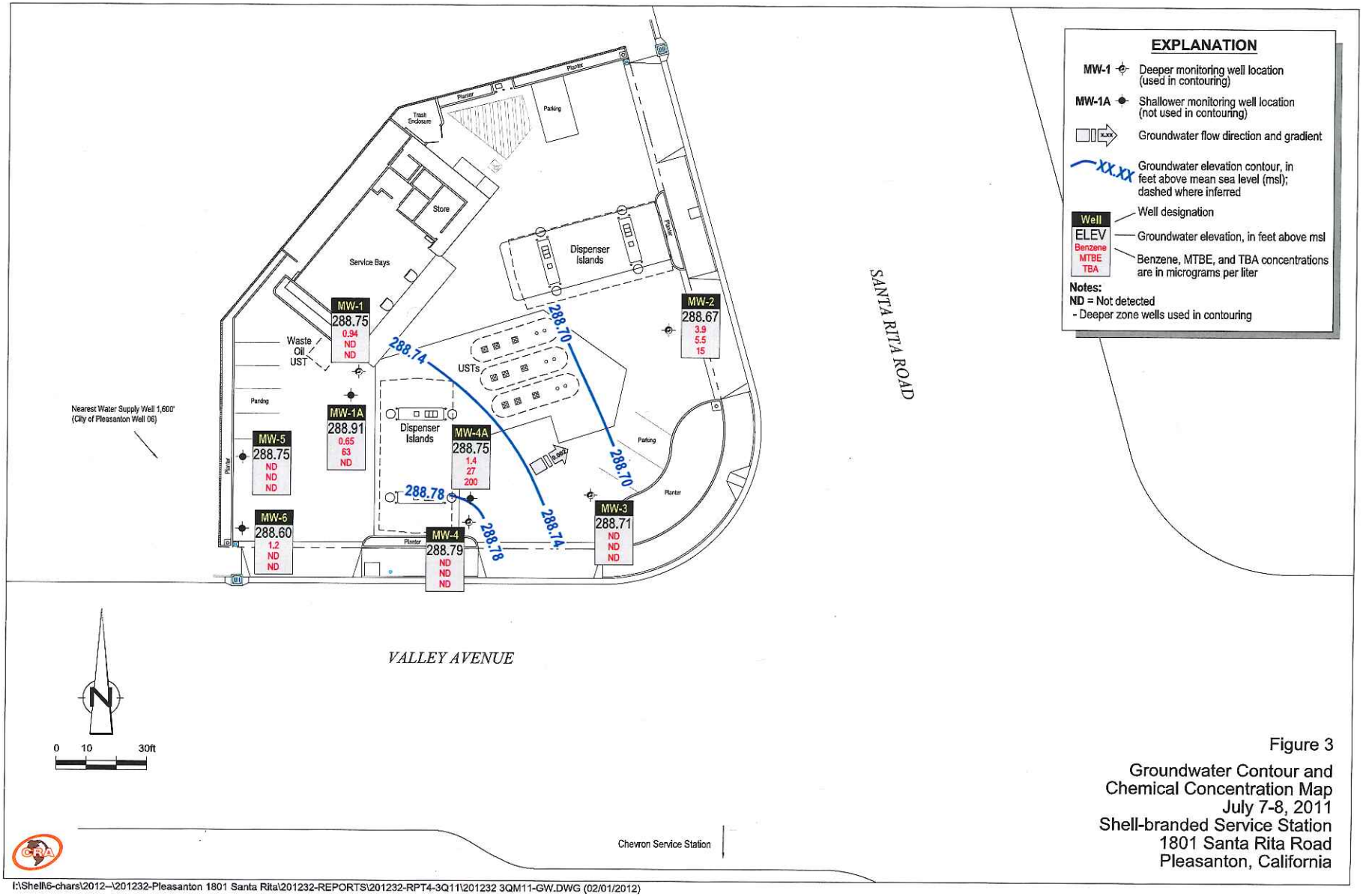
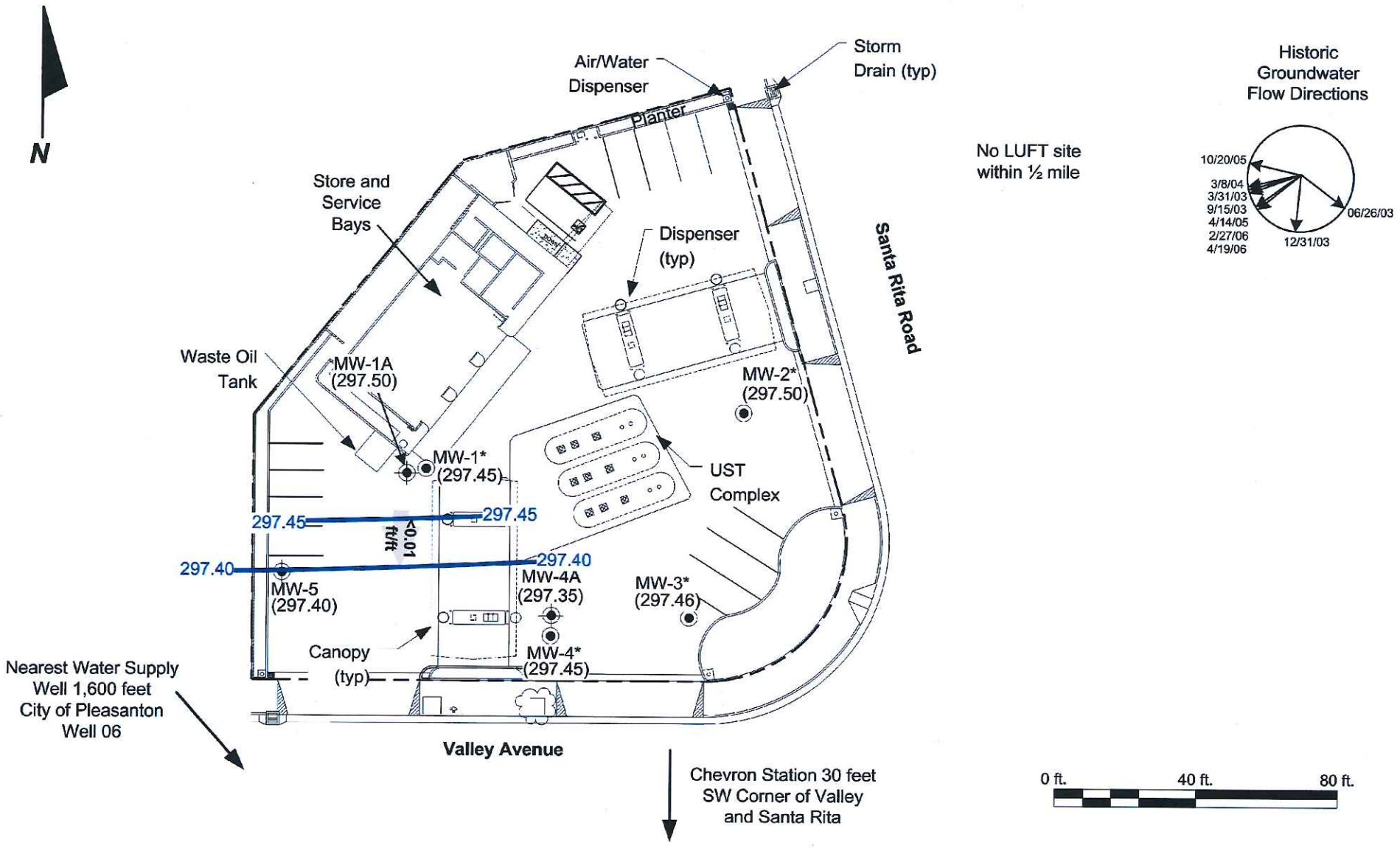


Figure 3

Groundwater Contour and Chemical Concentration Map
July 7-8, 2011
Shell-branded Service Station
1801 Santa Rita Road
Pleasanton, California

I:\Shell\6-chars\2012--\201232-Pleasanton 1801 Santa Rita\201232-REPORTS\201232-RPT4-3Q11\201232 3QM11-GW.DWG (02/01/2012)



LEGEND

MW-1* ◉	**GROUNDWATER MONITORING WELL (OCTOBER 2002), MONITORS GROUNDWATER IN THE 80-95 FOOT INTERVAL. (NOT USED IN CONTOURING)**
MW-1A ⊕	**GROUNDWATER MONITORING WELL (FEBRUARY 2006), MONITORS GROUNDWATER IN THE 45-55 FOOT INTERVAL**
(297.40)	**GROUNDWATER ELEVATION (FEET-MSL), 10/6/06**
297.50	**GROUNDWATER ELEVATION CONTOUR**
<0.01 ft/ft	**APPROXIMATE GROUNDWATER FLOW DIRECTION AND GRADIENT**

FIGURE 2
GROUNDWATER ELEVATION CONTOUR MAP,
OCTOBER 6, 2006
SHELL-BRANDED SERVICE STATION
1801 Santa Rita Road
Pleasanton, California

PROJECT NO. SJ18-01S-G.2006	DRAWN BY BH 08/25/06
FILE NO. SJ18-01S-G.2006	PREPARED BY HB
REVISION NO. 2	REVIEWED BY

Delta Environmental Consultants, Inc.

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA - ORGANICS
SHELL-BRANDED SERVICE STATION
1801 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Sample ID	Date	Depth (fbg)	O&G Petroleum (mg/kg)	O&G Total (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)	VOCs (mg/kg)	PNAs (mg/kg)	PCP (mg/kg)	PCBs (mg/kg)
MW-1	10/15/2002	28.5	—	—	—	**420**	<0.050	1.5	**5.1**	**37**	<0.5	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—
MW-1	10/15/2002	30	—	—	—	3.2	0.023	0.13	0.094	0.59	<0.5	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—
MW-1	10/16/2002	35	—	—	—	<1.0	<0.005	<0.005	<0.005	0.014	<0.5	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—
MW-4	10/10/2002	24.5	—	—	—	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—
MW-4	10/10/2002	29.5	—	—	—	57	**0.77**	**3.7**	0.25	1.3	<0.5	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—
MW-4	10/10/2002	34.5	—	—	—	8.2	**2.0**	0.61	0.26	0.41	<0.5	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—
MW-4	10/10/2002	40	—	—	—	**170**	**1.7**	0.39	2.3	**9.6**	<0.5	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—
MW-4	10/10/2002	45	—	—	—	<1.0	0.0069	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—
MW-4	10/10/2002	50	—	—	—	<1.0	<0.005	<0.005	<0.005	<0.010	<0.5	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—
D-1	11/15/2002	3	—	—	—	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—
D-2	11/15/2002	3.5	—	—	—	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—
D-3	11/15/2002	3.5	—	—	—	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—
D-4	11/15/2002	2.5	—	—	—	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—
P-1	11/15/2002	3.5	—	—	—	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—
P-2	11/15/2002	3	—	—	—	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—
P-3	11/15/2002	5	—	—	—	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—
P-4	11/15/2002	3	—	—	—	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—
P-5	11/15/2002	4	—	—	—	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—
P-6	11/15/2002	3	—	—	—	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—
P-7	11/15/2002	3	—	—	—	<1.0	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—
S-1	4/19/2005	8.5	7,900 b	11, 000 b	**18,000 a**	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—	—	—	—	—	—	—	—
MW-1A	2/13/2006	5	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
MW-1A	2/15/2006	10	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
MW-1A	2/15/2006	15	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
MW-1A	2/15/2006	20	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	0.010	0.0066	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
MW-1A	2/15/2006	25	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.029	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
MW-1A	2/15/2006	30	—	—	1.7 a	3.5	**0.058**	0.28	0.12	0.73	<0.0050	0.0054	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
MW-1A	2/15/2006	35	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
MW-1A	2/15/2006	40	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
MW-1A	2/15/2006	45	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
MW-1A	2/15/2006	50	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
MW-1A	2/15/2006	55	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
MW-4A	2/13/2006	5	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
MW-4A	2/16/2006	10	—	—	<0.99	<0.96	<0.0048	<0.0048	<0.0048	<0.0096	<0.0048	<0.0096	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	—	—	—	—
MW-4A	2/16/2006	15	—	—	<0.99	<0.97	<0.0049	<0.0049	<0.0049	<0.0097	<0.0049	<0.0097	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	—	—	—	—
MW-4A	2/16/2006	20	—	—	<1.0	<0.99	<0.0049	<0.0049	<0.0049	<0.0097	<0.0049	<0.0099	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	—	—	—	—

ATTACHMENT 4

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA - ORGANICS
SHELL-BRANDED SERVICE STATION
1801 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Sample ID	Date	Depth (fbg)	O&G Petroleum (mg/kg)	O&G Total (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)	VOCs (mg/kg)	PNAs (mg/kg)	PCP (mg/kg)	PCBs (mg/kg)
MW-4A	2/16/2006	25	—	—	<1.0	1.9	0.010	<0.0046	<0.0046	<0.0092	<0.0046	<0.0092	<0.0046	<0.0046	<0.0046	<0.0046	<0.0049	—	—	—	—
MW-4A	2/16/2006	30	—	—	<1.0	<49	<0.97	6.2	<0.97	3.5	<0.97	<1.9	<0.97	<0.97	<0.97	<0.97	<0.97	—	—	—	—
MW-4A	2/16/2006	35	—	—	<1.0	5.6	1.0	0.72	0.24	0.91	<0.0045	<0.0090	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	—	—	—	—
MW-4A	2/16/2006	40	—	—	<0.99	<0.93	<0.0046	<0.0046	<0.0046	<0.0093	<0.0046	<0.0093	<0.0093	<0.0046	<0.0046	<0.0046	<0.0046	—	—	—	—
MW-4A	2/16/2006	45	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
MW-4A	2/16/2006	50	—	—	<1.0	<0.93	<0.0047	<0.0047	<0.0047	<0.0093	<0.0047	0.0097	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	—	—	—	—
MW-4A	2/16/2006	55	—	—	<1.0	<0.92	0.0055	0.0066	<0.0046	0.011	<0.0046	<0.0092	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	—	—	—	—
MW-5	2/13/2006	5	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
MW-5	2/13/2006	10	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
MW-5	2/13/2006	15	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
MW-5	2/13/2006	20	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
MW-5	2/13/2006	25	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
MW-5	2/13/2006	30	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
MW-5	2/13/2006	35	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
MW-5	2/13/2006	40	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
MW-5	2/13/2006	45	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
MW-5	2/13/2006	50	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
B-1	2/9/2006	5	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
B-1	2/13/2006	10	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
B-1	2/13/2006	15	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
B-1	2/13/2006	20	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
B-1	2/13/2006	25	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
B-1	2/13/2006	30	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
B-1	2/13/2006	35	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
B-1	2/13/2006	40	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
B-1	2/13/2006	45	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
B-1	2/13/2006	50	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
B-1	2/13/2006	55	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
B-2	2/9/2006	5	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
B-2	2/9/2006	10	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
B-2	2/9/2006	15	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
B-4	2/15/2006	5	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
B-4	2/15/2006	10	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
B-4	2/15/2006	15	—	—	1.1 a	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
B-4	2/15/2006	20	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
B-4	2/15/2006	25	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
B-4	2/15/2006	30	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
B-4	2/15/2006	35	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA - ORGANICS
SHELL-BRANDED SERVICE STATION
1801 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Sample ID	Date	Depth (fbg)	O&G Petroleum (mg/kg)	O&G Total (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)	VOCs (mg/kg)	PNAs (mg/kg)	PCP (mg/kg)	PCBs (mg/kg)
B-4	2/15/2006	40	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
B-4	2/15/2006	45	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
B-4	2/15/2006	50	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
B-4	2/15/2006	55	—	—	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	0.0080	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	—	—	—	—
MW-6	8/14/2007	15	—	—	—	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	—	—	—	—	—	—	—	—	—
MW-6	8/14/2007	35	—	—	—	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	—	—	—	—	—	—	—	—	—
MW-6	8/14/2007	50	—	—	—	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	—	—	—	—	—	—	—	—	—
MW-6	8/14/2007	55	—	—	—	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	—	—	—	—	—	—	—	—	—
WO-1	2/13/2003	12	—	<500 c	6.5	0.19	<0.00096	<0.00096	<0.00096	<0.0019	<0.0019	<0.019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	ND	ND	<0.83	<0.099
Shallow Soil (≤10 fbg) ESL [d]:			NA	NA	83	83	0.044	2.9	3.3	2.3	0.023	0.075	NA	NA	NA	0.0045	0.00033	Varies	Varies	5.0	0.74
Deep Soil (>10 fbg) ESL [d]:			NA	NA	83	83	0.044	2.9	3.3	2.3	0.023	0.075	NA	NA	NA	0.0045	0.00033	Varies	Varies	99	6.3

Notes:
O&G = Oil & grease
TPHd = Total petroleum hydrocarbons as diesel analyzed by EPA Method 8015M
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
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-Dibromoethane analyzed by EPA Method 8260B
VOCs = Volatile organic compounds analyzed by EPA Method 5030B/8260B; see laboratory analytical report for a complete list of specific constituents
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
--- = Not analyzed
ND = Not detected; see laboratory analytical report for detection limits.
ESL = Environmental screening level
Results in **bold** equal or exceed applicable ESL
NA = No applicable ESL

a = Hydrocarbon reported does not match the diesel standard
b = Analyzed by EPA Method 1664M

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA - ORGANICS
SHELL-BRANDED SERVICE STATION
1801 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Sample ID	Date	Depth (fbg)	O&G Petroleum (mg/kg)	O&G Total (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)	VOCs (mg/kg)	PNAs (mg/kg)	PCP (mg/kg)	PCBs (mg/kg)

c = Analyzed by EPA Method 413.1 (Modified)
d = 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 *Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater*, California Regional Water Quality Control Board, Interim Final - November 2007 [Revised May 2008]).

TABLE 2

HISTORICAL SOIL ANALYTICAL DATA - METALS
SHELL-BRANDED SERVICE STATION
1801 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*Cd (mg/kg)*	*Cr (mg/kg)*	*Pb (mg/kg)*	*Ni (mg/kg)*	*Zn (mg/kg)*
D-1	11/15/2002	3	---	---	10.9	---	---
D-2	11/15/2002	3.5	---	---	11.6	---	---
D-3	11/15/2002	3.5	---	---	11.3	---	---
D-4	11/15/2002	2.5	---	---	21.6	---	---
P-1	11/15/2002	3.5	---	---	19.5	---	---
P-2	11/15/2002	3	---	---	8.33	---	---
P-3	11/15/2002	5	---	---	6.73	---	---
P-4	11/15/2002	3	---	---	12.5	---	---
P-5	11/15/2002	4	---	---	10.7	---	---
P-6	11/15/2002	3	---	---	10.5	---	---
P-7	11/15/2002	3	---	---	12.4	---	---
S-1	4/19/2005	8.5	0.98	23	17	36	40
MW-1A	2/13/2006	5	---	---	6.8	---	---
MW-1A	2/15/2006	10	---	---	4.8	---	---
MW-1A	2/15/2006	15	---	---	6.6	---	---
MW-1A	2/15/2006	20	---	---	6.3	---	---
MW-1A	2/15/2006	25	---	---	7.5	---	---
MW-1A	2/15/2006	30	---	---	6.1	---	---
MW-1A	2/15/2006	35	---	---	8.4	---	---
MW-1A	2/15/2006	40	---	---	7.9	---	---
MW-1A	2/15/2006	45	---	---	7.9	---	---
MW-1A	2/15/2006	50	---	---	5.1	---	---
MW-1A	2/15/2006	55	---	---	5.1	---	---
MW-4A	2/13/2006	5	---	---	7.1	---	---
MW-4A	2/16/2006	10	---	---	5.2	---	---
MW-4A	2/16/2006	15	---	---	7.3	---	---
MW-4A	2/16/2006	20	---	---	6.6	---	---
MW-4A	2/16/2006	25	---	---	6.7	---	---
MW-4A	2/16/2006	30	---	---	7.5	---	---
MW-4A	2/16/2006	35	---	---	8.1	---	---
MW-4A	2/16/2006	40	---	---	7.7	---	---
MW-4A	2/16/2006	45	---	---	7.5	---	---
MW-4A	2/16/2006	50	---	---	5.6	---	---
MW-4A	2/16/2006	55	---	---	1.9	---	---
MW-5	2/13/2006	5	---	---	7.6	---	---
MW-5	2/13/2006	10	---	---	5.9	---	---
MW-5	2/13/2006	15	---	---	5.4	---	---
MW-5	2/13/2006	20	---	---	5.3	---	---
MW-5	2/13/2006	25	---	---	7.5	---	---
MW-5	2/13/2006	30	---	---	8.2	---	---

TABLE 2

HISTORICAL SOIL ANALYTICAL DATA - METALS
SHELL-BRANDED SERVICE STATION
1801 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*Cd (mg/kg)*	*Cr (mg/kg)*	*Pb (mg/kg)*	*Ni (mg/kg)*	*Zn (mg/kg)*
MW-5	2/13/2006	35	---	---	8.1	---	---
MW-5	2/13/2006	40	---	---	7.3	---	---
MW-5	2/13/2006	45	---	---	6.0	---	---
MW-5	2/13/2006	50	---	---	3.7	---	---
B-1	2/9/2006	5	---	---	5.9	---	---
B-1	2/13/2006	10	---	---	3.5	---	---
B-1	2/13/2006	15	---	---	6.3	---	---
B-1	2/13/2006	20	---	---	6.0	---	---
B-1	2/13/2006	25	---	---	5.8	---	---
B-1	2/13/2006	30	---	---	4.6	---	---
B-1	2/13/2006	35	---	---	6.3	---	---
B-1	2/13/2006	40	---	---	7.4	---	---
B-1	2/13/2006	45	---	---	6.1	---	---
B-1	2/13/2006	50	---	---	3.1	---	---
B-1	2/13/2006	55	---	---	7.4	---	---
B-2	2/9/2006	5	---	---	7.1	---	---
B-2	2/9/2006	10	---	---	4.8	---	---
B-2	2/9/2006	15	---	---	4.8	---	---
B-4	2/15/2006	5	---	---	7.5	---	---
B-4	2/15/2006	10	---	---	5.8	---	---
B-4	2/15/2006	15	---	---	5.8	---	---
B-4	2/15/2006	20	---	---	6.1	---	---
B-4	2/15/2006	25	---	---	7.0	---	---
B-4	2/15/2006	30	---	---	5.2	---	---
B-4	2/15/2006	35	---	---	8.5	---	---
B-4	2/15/2006	40	---	---	7.4	---	---
B-4	2/15/2006	45	---	---	7.9	---	---
B-4	2/15/2006	50	---	---	6.0	---	---
B-4	2/15/2006	55	---	---	4.3	---	---
WO-1	2/13/2003	12	<0.50	62	6.2	91	42
Shallow Soil (≤10 fbg) ESL [a]:			7.4	750	750	150	600
Deep Soil (>10 fbg) ESL [a]:			39	5,000	750	260	5,000

Notes:
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
fbg = Feet below grade

TABLE 2

HISTORICAL SOIL ANALYTICAL DATA - METALS
SHELL-BRANDED SERVICE STATION
1801 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*Cd (mg/kg)*	*Cr (mg/kg)*	*Pb (mg/kg)*	*Ni (mg/kg)*	*Zn (mg/kg)*

mg/kg = Milligrams per kilogram
<x = Not detected at reporting limit x
--- = Not analyzed
ESL = Environmental screening level

a = 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]).

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
1801 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	Total O&G (mg/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)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TDS (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)
MW-1	12/12/2002	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	85.83	—
MW-1	12/20/2002	—	<50 b	<50	<0.50	<0.50	<0.50	0.71	<0.50	<50	<2.0	<2.0	<2.0	—	—	—	—	85.60	—
MW-1	03/31/2003	—	75 b	<50	<0.50	<0.50	<0.50	<1.0	<5.0	—	—	—	—	—	—	—	342.10	77.36	264.74
MW-1	06/26/2003	—	<50 b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	—	—	—	342.10	72.48	269.62
MW-1	09/15/2003	—	<50 b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	—	—	—	342.10	79.03	263.07
MW-1	12/31/2003	—	<50 b	<50	<0.50	0.99	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	—	—	—	342.10	70.57	271.53
MW-1	03/08/2004	—	<50 b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	—	—	—	342.10	65.95	276.15
MW-1	06/16/2004	—	<50 b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	—	—	—	342.10	66.50	275.60
MW-1	04/14/2005	—	<50 b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	—	—	—	342.10	55.97	286.13
MW-1	10/20/2005	—	330 g/190 g	<50	0.86	<0.50	<0.50	1.2	0.87	<5.0	<2.0	<2.0	<2.0	—	—	—	342.10	56.51	285.59
MW-1	02/27/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	342.10	45.93	296.17
MW-1	04/19/2006	—	<47.2	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	—	—	—	342.10	43.15	298.95
MW-1	07/12/2006	—	53.1	<50.0	<0.500	<0.500	<0.500	<1.5	<0.500	<10.0	<0.500	<0.500	<0.500	—	—	—	342.10	44.80	297.30
MW-1	10/06/2006	—	76 a	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	—	—	—	342.10	44.65	297.45
MW-1	01/19/2007	—	71	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<0.50	<0.50	<0.50	—	—	—	342.10	39.39	302.71
MW-1	04/03/2007	—	150 a	51 e	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	—	—	—	342.10	36.12	305.98
MW-1	07/06/2007	—	<50	<50 e	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	—	—	—	342.10	44.15	297.95
MW-1	10/25/2007	—	<50	<50 e	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	—	—	—	342.10	40.39	301.71
MW-1	01/10/2008	—	<50	<50 e	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	—	—	—	342.10	36.57	305.53
MW-1	04/17/2008	—	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	—	—	—	342.10	36.51	305.59
MW-1	07/02/2008	—	84 a	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	—	—	—	342.10	41.90	300.20
MW-1	10/14/2008	—	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	—	—	666	342.10	48.71	293.39
MW-1	01/05/2009	—	300 a	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	—	—	—	342.10	45.40	296.70
MW-1	04/14/2009	—	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	—	—	—	342.10	42.92	299.18
MW-1	10/06/2009	—	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	—	—	—	—	—	—	342.10	60.70	281.40
MW-1	04/02/2010	—	<50	<50	<0.50	<1.0	<1.0	<1.0	1.1	<10	—	—	—	—	—	—	342.10	54.91	287.19
MW-1	10/13/2010	—	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	—	—	—	—	—	—	342.10	59.77	282.33
MW-1	04/26/2011	—	<47	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	—	—	—	—	—	—	342.10	51.34	290.76
MW-1	07/07/2011	—	97 g	<50	0.94	<0.50	<0.50	<1.0	<1.0	<10	—	—	—	—	—	—	342.10	53.35	288.75
MW-1	10/03/2011	—	130	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	—	—	—	—	—	—	342.10	65.35	276.75
MW-1	**04/02/2012**	**—**	**74**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<10**	**—**	**—**	**—**	**—**	**—**	**—**	**342.10**	**57.10**	**285.00**
MW-1A	02/23/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	341.72	46.95	294.77
MW-1A	02/27/2006	—	55.9	<50.0	4.04	<0.500	<0.500	2.02	3.32	12.5	<0.500	<0.500	<0.500	—	—	—	341.72	45.56	296.16
MW-1A	04/19/2006	—	119	<50.0	1.05	0.990	<0.500	<0.500	1.41	<10.0	<0.500	<0.500	<0.500	—	—	—	341.72	42.78	298.94
MW-1A	07/12/2006	<5.21	79.6	<50.0	<0.500	<0.500	<0.500	<1.5	9.82	19.1	<0.500	<0.500	<0.500	—	—	—	341.72	44.41	297.31

ATTACHMENT 5

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
1801 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	Total O&G (mg/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)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TDS (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)
MW-1A	10/06/2006	3.7	90 a	<50.0	<1.00	<1.00	<1.00	<3.00	7.27	<10.0	<1.00	<1.00	<1.00	—	—	—	341.72	44.22	297.50
MW-1A	01/19/2007	<2.4	64	<50	<0.50	<0.50	<0.50	<0.50	15	24	<0.50	<0.50	<0.50	—	—	—	341.72	38.94	302.78
MW-1A	04/03/2007	2.3	210	<50 e	0.74	<1.0	<1.0	<1.0	14	<10	<2.0	<2.0	<2.0	—	—	—	341.72	35.67	306.05
MW-1A	07/06/2007	1.3	68	<50 e	0.76	<1.0	<1.0	<1.0	38	63	<2.0	<2.0	<2.0	—	—	—	341.72	43.72	298.00
MW-1A	10/25/2007	<1.0	<50	<50 e	<0.50	<1.0	<1.0	<1.0	30	29	<2.0	<2.0	<2.0	—	—	—	341.72	39.89	301.83
MW-1A	01/10/2008	<1.0	100 a	<50 e	<0.50	<1.0	<1.0	<1.0	23	<10	<2.0	<2.0	<2.0	—	—	—	341.72	36.06	305.66
MW-1A	04/17/2008	<1.0	<50	<50 e	<0.50	<1.0	<1.0	<1.0	38	24	<2.0	<2.0	<2.0	—	—	—	341.72	36.13	305.59
MW-1A	07/02/2008	3.0	200 a	110	<0.50	<1.0	<1.0	<1.0	65	75	<2.0	<2.0	<2.0	<0.50	<1.0	—	341.72	41.28	300.44
MW-1A	10/14/2008	2.6	<50	440	<0.50	<1.0	<1.0	<1.0	210	300	<2.0	<2.0	<2.0	1.5	<1.0	1,000	341.72	48.16	293.56
MW-1A	01/05/2009	1.5	<50	430	<0.50	<1.0	<1.0	<1.0	290	710	<2.0	<2.0	<2.0	2.3	<1.0	—	341.72	44.85	296.87
MW-1A	04/14/2009	2.4	<50	180	<1.0	<2.0	<2.0	<2.0	80	120	<4.0	<4.0	<4.0	<1.0	<2.0	—	341.72	42.40	299.32
MW-1A	10/06/2009	Insufficient water		—	—	—	—	—	—	—	—	—	—	—	—	—	341.72	57.10	284.62
MW-1A	04/02/2010	—	<50	94	<0.50	<1.0	<1.0	<1.0	65	<10	—	—	—	—	—	—	341.72	54.55	287.17
MW-1A	10/13/2010	Insufficient water		—	—	—	—	—	—	—	—	—	—	—	—	—	341.72	56.94	284.78
MW-1A	04/26/2011	<5.0	<47	<50	<0.50	<0.50	<0.50	<1.0	11	<10	—	—	—	—	—	—	341.72	50.98	290.74
MW-1A	07/07/2011	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	341.72	52.81	288.91
MW-1A	07/08/2011	<5.0	<47	58 g	0.65	1.9	<0.50	2.2	63	<10	—	—	—	—	—	—	341.72	—	—
MW-1A	10/03/2011	Insufficient water		—	—	—	—	—	—	—	—	—	—	—	—	—	341.72	56.87	284.85
MW-1A	**04/02/2012**	**Insufficient water**		—	—	—	—	—	—	—	—	—	—	—	—	—	**341.72**	**56.87**	**284.85**
MW-2	12/12/2002	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	85.15	—
MW-2	12/20/2002	—	<50 b	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<2.0	<2.0	<2.0	—	—	—	—	85.00	—
MW-2	03/31/2003	—	63 b	<50	<0.50	0.71	<0.50	<1.0	<5.0	—	—	—	—	—	—	—	341.57	76.63	264.94
MW-2	06/26/2003	—	<50 b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	—	—	—	341.57	71.94	269.63
MW-2	09/15/2003	—	<50 b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	—	—	—	341.57	78.41	263.16
MW-2	12/31/2003	—	120 a,b	<50	<0.50	1.3	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	—	—	—	341.57	69.96	271.61
MW-2	03/08/2004	—	110 a,b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	—	—	—	341.57	65.34	276.23
MW-2	06/16/2004	—	90 a,b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	—	—	—	341.57	65.86	275.71
MW-2	04/14/2005	—	77 a,b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	—	—	—	341.57	55.35	286.22
MW-2	10/20/2005	—	75 a/<50	<50	<0.50	<0.50	<0.50	<1.0	0.54	<5.0	<2.0	<2.0	<2.0	—	—	—	341.57	55.89	285.68
MW-2	02/27/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	341.57	45.30	296.27
MW-2	04/19/2006	—	80.1	<50.0	<0.500	<0.500	<0.500	<0.500	0.630	<10.0	<0.500	<0.500	<0.500	—	—	—	341.57	42.56	299.01
MW-2	07/12/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	341.57	44.20	297.37
MW-2	10/06/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	341.57	44.07	297.50
MW-2	01/19/2007	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	341.57	38.79	302.78
MW-2	04/03/2007	—	190	<50 e	<0.50	<1.0	<1.0	<1.0	0.77 f	<10	<2.0	<2.0	<2.0	—	—	—	341.57	35.54	306.03

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
1801 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	Total O&G (mg/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)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TDS (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)
MW-2	07/06/2007	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	341.57	43.54	298.03
MW-2	10/25/2007	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	341.57	39.77	301.80
MW-2	01/10/2008	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	341.57	35.95	305.62
MW-2	04/17/2008	—	57	<50	<0.50	<1.0	<1.0	<1.0	1.2	<10	<2.0	<2.0	<2.0	—	—	—	341.57	35.90	305.67
MW-2	07/02/2008	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	341.57	41.20	300.37
MW-2	10/14/2008	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	341.57	48.03	293.54
MW-2	01/05/2009	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	341.57	44.67	296.90
MW-2	04/14/2009	—	<50	<50	<0.50	<1.0	<1.0	<1.0	1.0	<10	<2.0	<2.0	<2.0	—	—	—	341.57	42.25	299.32
MW-2	10/06/2009	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	341.57	59.94	281.63
MW-2	04/02/2010	—	67	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	—	—	—	341.57	54.31	287.26
MW-2	10/13/2010	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	341.57	59.15	282.42
MW-2	04/26/2011	—	75 g	<50	<0.50	<0.50	<0.50	<1.0	1.0	<10	—	—	—	—	—	—	341.57	50.91	290.66
MW-2	07/07/2011	—	230 g	<50	3.9	4.8	<0.50	3.6	5.5	15	—	—	—	—	—	—	341.57	52.90	288.67
MW-2	10/03/2011	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	341.57	64.98	276.59
MW-2	**04/02/2012**	**—**	**160**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**1.7**	**<10**	**—**	**—**	**—**	**—**	**—**	**—**	**341.57**	**56.30**	**285.27**
MW-3	12/12/2002	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	85.49	—
MW-3	12/20/2002	—	<50 b	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<2.0	<2.0	<2.0	—	—	—	—	85.25	—
MW-3	03/31/2003	—	<50 b	<50	<0.50	<0.50	<0.50	<1.0	<5.0	—	—	—	—	—	—	—	341.65	76.81	264.84
MW-3	06/26/2003	—	80 a,b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	—	—	—	341.65	72.05	269.60
MW-3	09/15/2003	—	<50 b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	—	—	—	341.65	78.52	263.13
MW-3	12/31/2003	—	<50 b	<50	<0.50	1.2	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	—	—	—	341.65	70.15	271.50
MW-3	03/08/2004	—	<50 b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	—	—	—	341.65	65.46	276.19
MW-3	06/16/2004	—	<50 b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	—	—	—	341.65	65.87	275.78
MW-3	04/14/2005	—	<50 b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	—	—	—	341.65	55.50	286.15
MW-3	10/20/2005	—	55 a/<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	—	—	—	341.65	55.97	285.68
MW-3	02/27/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	341.65	45.45	296.20
MW-3	04/19/2006	—	200	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	20.2	<0.500	<0.500	<0.500	—	—	—	341.65	42.67	298.98
MW-3	07/12/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	341.65	44.32	297.33
MW-3	10/06/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	341.65	44.19	297.46
MW-3	01/19/2007	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	341.65	38.98	302.67
MW-3	04/03/2007	—	140	<50 e	0.21 f	<1.0	<1.0	<1.0	0.29 f	<10	<2.0	<2.0	<2.0	—	—	—	341.65	35.72	305.93
MW-3	07/06/2007	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	341.65	43.69	297.96
MW-3	10/25/2007	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	341.65	39.90	301.75
MW-3	01/10/2008	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	341.65	36.12	305.53
MW-3	04/17/2008	—	95	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	—	—	—	341.65	36.02	305.63

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
1801 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	Total O&G (mg/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)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TDS (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)
MW-3	07/02/2008	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	341.65	41.35	300.30
MW-3	10/14/2008	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	341.65	48.24	293.41
MW-3	01/05/2009	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	341.65	44.79	296.86
MW-3	04/14/2009	—	73	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	—	—	—	341.65	42.35	299.30
MW-3	10/06/2009	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	341.65	60.08	281.57
MW-3	04/02/2010	—	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	—	—	—	—	—	—	341.65	54.47	287.18
MW-3	10/13/2010	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	341.65	59.25	282.40
MW-3	04/26/2011	—	91 g	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	—	—	—	—	—	—	341.65	51.23	290.42
MW-3	07/07/2011	—	130 g	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	—	—	—	—	—	—	341.65	52.94	288.71
MW-3	10/03/2011	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	341.65	64.90	276.75
MW-3	**04/02/2012**	**—**	**270**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<10**	**—**	**—**	**—**	**—**	**—**	**—**	**341.65**	**56.62**	**285.03**
MW-4	12/12/2002	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	84.36	—
MW-4	12/20/2002	—	69 b	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<2.0	<2.0	<2.0	—	—	—	—	84.15	—
MW-4	03/31/2003	—	70 b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	—	—	—	—	—	—	—	340.68	75.90	264.78
MW-4	06/26/2003	—	86 a,b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	—	—	—	340.68	71.01	269.67
MW-4	09/15/2003	—	120 a,b	<50	1.0	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	—	—	—	340.68	77.57	263.11
MW-4	12/31/2003	—	<50 b	<50	<0.50	0.64	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	—	—	—	340.68	69.15	271.53
MW-4	03/08/2004	—	<50 b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	—	—	—	340.68	64.51	276.17
MW-4	06/16/2004	—	<50 b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	—	—	—	340.68	65.04	275.64
MW-4	04/14/2005	—	<50 b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	—	—	—	340.68	54.53	286.15
MW-4	10/20/2005	—	<50 b	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	—	—	—	340.68	55.05	285.63
MW-4	02/27/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	340.68	44.49	296.19
MW-4	04/19/2006	—	265	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	—	—	—	340.68	41.72	298.96
MW-4	07/12/2006	—	652	<50.0	<0.500	<0.500	<0.500	<1.5	<0.500	<10.0	<0.500	<0.500	<0.500	—	—	—	340.68	43.34	297.34
MW-4	10/06/2006	—	320 a	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	—	—	—	340.68	43.23	297.45
MW-4	01/19/2007	—	79	<50	<0.50	<0.50	<0.50	0.88	<0.50	<20	<0.50	<0.50	<0.50	—	—	—	340.68	38.12	302.56
MW-4	04/03/2007	—	1,200 a	<50 e	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	—	—	—	340.68	34.55	306.13
MW-4	07/06/2007	—	<50	<50 e	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	—	—	—	340.68	42.75	297.93
MW-4	10/25/2007	—	1,400 a	<50 e	<0.50	0.30 f	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	—	—	—	340.68	38.92	301.76
MW-4	01/10/2008	—	<50	<50 e	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	—	—	—	340.68	35.22	305.46
MW-4	04/17/2008	—	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	—	—	—	340.68	35.03	305.65
MW-4	07/02/2008	—	59 a	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	—	—	—	340.68	40.53	300.15
MW-4	10/14/2008	—	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	—	—	686	340.68	47.43	293.25
MW-4	01/05/2009	—	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	—	—	—	340.68	44.00	296.68
MW-4	04/14/2009	—	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	—	—	—	340.68	41.43	299.25

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
1801 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	Total O&G (mg/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)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TDS (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)
MW-4	10/06/2009	—	72 a	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	—	—	—	—	—	—	340.68	59.10	281.58
MW-4	04/02/2010	—	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	—	—	—	—	—	—	340.68	53.57	287.11
MW-4	10/13/2010	—	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	—	—	—	—	—	—	340.68	58.30	282.38
MW-4	04/26/2011	—	71	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	—	—	—	—	—	—	340.68	50.02	290.66
MW-4	07/07/2011	—	88 g	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	—	—	—	—	—	—	340.68	51.89	288.79
MW-4	10/03/2011	—	91	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	—	—	—	—	—	—	340.68	63.85	276.83
MW-4	**04/02/2012**	**—**	**67**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<10**	**—**	**—**	**—**	**—**	**—**	**—**	**340.68**	**55.60**	**285.08**
MW-4A	02/23/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	340.77	46.55	294.22
MW-4A	02/27/2006	—	246	3,280	232	135	27.2	306	10.2	<10.0	<0.500	<0.500	<0.500	—	—	—	340.77	44.61	296.16
MW-4A	04/19/2006	—	967	15,000	2,620	1,280	518	1,460	34.9	<10.0	<0.500	<0.500	<0.500	—	—	—	340.77	41.82	298.95
MW-4A	07/12/2006	—	<47.2	25,900	3,720	749	728	1,770	37.6	32.2	<0.500	<0.500	<0.500	—	—	—	340.77	43.48	297.29
MW-4A	10/06/2006	—	560 a	4,340	573	14.9	193	132	16.4	<10.0	<1.00	<1.00	<1.00	—	—	—	340.77	43.42	297.35
MW-4A	01/19/2007	—	420	3,700	1,300 c,d	150	350	400	40	<100	<2.5	<2.5	<2.5	—	—	—	340.77	38.03	302.74
MW-4A	04/03/2007	—	1,200	2,200 e	240	5.0	240	9.4	41	44	<2.0	<2.0	<2.0	—	—	—	340.77	34.78	305.99
MW-4A	07/06/2007	—	290	1,300 e	130	6.5	130	40.7	29	72	<2.0	<2.0	<2.0	—	—	—	340.77	42.91	297.86
MW-4A	10/25/2007	—	220 a	400 e	3.8	0.50 f	3.7	1.37 f	34	200	<2.0	<2.0	<2.0	—	—	—	340.77	39.12	301.65
MW-4A	01/10/2008	—	150 a	200 e	8.8	0.75 f	2.4	0.37 f	40	310	<2.0	<2.0	<2.0	—	—	—	340.77	35.20	305.57
MW-4A	04/17/2008	—	150 a	400 e	31	3.4	5.6	1.9	60	220	<2.0	<2.0	<2.0	—	—	—	340.77	35.21	305.56
MW-4A	07/02/2008	—	110 a	570	5.1	<1.0	<1.0	<1.0	120	640	<2.0	<2.0	<2.0	7.6	<1.0	—	340.77	40.48	300.29
MW-4A	10/14/2008	—	<50	70	<0.50	<1.0	<1.0	<1.0	6.4	14	<2.0	<2.0	<2.0	<0.50	<1.0	814	340.77	47.50	293.27
MW-4A	01/05/2009	—	93 a	660	1.5	<1.0	<1.0	<1.0	250	1,300	<2.0	<2.0	<2.0	4.7	<1.0	—	340.77	44.04	296.73
MW-4A	04/14/2009	—	<50	1,900	91	30	61	130	200	1,200	<2.0	<2.0	<2.0	<0.50	<1.0	—	340.77	41.55	299.22
MW-4A	06/17/2009	—	<50	170	<0.50	<1.0	<1.0	<1.0	88	470	<2.0	<2.0	<2.0	2.6	<1.0	—	340.77	46.62	294.15
MW-4A	10/06/2009	Insufficient water		—	—	—	—	—	—	—	—	—	—	—	—	—	340.77	54.41	286.36
MW-4A	04/02/2010	Insufficient water		—	—	—	—	—	—	—	—	—	—	—	—	—	340.77	53.65	287.12
MW-4A	10/13/2010	Insufficient water		—	—	—	—	—	—	—	—	—	—	—	—	—	340.77	54.35	286.42
MW-4A	04/26/2011	—	130 g	670	42	<0.50	<0.50	<1.0	11	51	—	—	—	—	—	—	340.77	50.12	290.65
MW-4A	07/07/2011	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	340.77	52.02	288.75
MW-4A	07/08/2011	—	340	350	1.4	<0.50	<0.50	<1.0	27	200	—	—	—	—	—	—	340.77	—	—
MW-4A	10/03/2011	Insufficient water		—	—	—	—	—	—	—	—	—	—	—	—	—	340.77	54.34	286.43
MW-4A	**04/02/2012**	**Insufficient water**		**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**340.77**	**54.33**	**286.44**
MW-5	02/23/2006	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	340.86	45.10	295.76
MW-5	02/27/2006	—	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	—	—	—	340.86	44.69	296.17
MW-5	04/19/2006	—	<47.2	<50.0	0.810	0.810	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	—	—	—	340.86	41.95	298.91

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
1801 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	Total O&G (mg/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)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TDS (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)
MW-5	07/12/2006	—	71.6	<50.0	<0.500	<0.500	<0.500	<1.5	<0.500	<10.0	<0.500	<0.500	<0.500	—	—	—	340.86	43.44	297.42
MW-5	10/06/2006	—	260 a	<50.0	<1.00	<1.00	<1.00	<3.00	<1.00	<10.0	<1.00	<1.00	<1.00	—	—	—	340.86	43.46	297.40
MW-5	01/19/2007	—	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<0.50	<0.50	<0.50	—	—	—	340.86	38.09	302.77
MW-5	04/03/2007	—	120 a	<50 e	<0.50	<1.0	<1.0	<1.0	0.34 f	<10	<2.0	<2.0	<2.0	—	—	—	340.86	34.91	305.95
MW-5	07/06/2007	—	<50	<50 e	<0.50	<1.0	<1.0	<1.0	1.3	<10	<2.0	<2.0	<2.0	—	—	—	340.86	42.95	297.91
MW-5	10/25/2007	—	<50	<50 e	<0.50	0.34 f	<1.0	<1.0	1.7	<10	<2.0	<2.0	<2.0	—	—	—	340.86	39.16	301.70
MW-5	01/10/2008	—	82	<50 e	<0.50	<1.0	<1.0	<1.0	1.1	<10	<2.0	<2.0	<2.0	—	—	—	340.86	35.30	305.56
MW-5	04/17/2008	—	<50	<50 e	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	—	—	—	340.86	35.42	305.44
MW-5	07/02/2008	—	<50	<50	<0.50	<1.0	<1.0	<1.0	3.2	<10	<2.0	<2.0	<2.0	<0.50	<1.0	—	340.86	40.66	300.20
MW-5	10/14/2008	—	<50	59	<0.50	<1.0	<1.0	<1.0	22	<10	<2.0	<2.0	<2.0	<0.50	<1.0	963	340.86	47.60	293.26
MW-5	01/05/2009	—	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	<0.50	<1.0	—	340.86	44.16	296.70
MW-5	04/14/2009	—	<50	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	<0.50	<1.0	—	340.86	41.73	299.13
MW-5	10/06/2009	Insufficient water		—	—	—	—	—	—	—	—	—	—	—	—	—	340.86	54.21	286.65
MW-5	04/02/2010	Insufficient water		—	—	—	—	—	—	—	—	—	—	—	—	—	340.86	53.68	287.18
MW-5	10/13/2010	Insufficient water		—	—	—	—	—	—	—	—	—	—	—	—	—	340.86	54.02	286.84
MW-5	04/26/2011	—	<48	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	—	—	—	—	—	—	340.86	50.18	290.68
MW-5	07/07/2011	—	61 g	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	—	—	—	—	—	—	340.86	52.11	288.75
MW-5	10/03/2011	Insufficient water		—	—	—	—	—	—	—	—	—	—	—	—	—	340.86	54.05	286.81
MW-5	**04/02/2012**	**Insufficient water**		**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**340.86**	**54.25**	**286.61**
MW-6	09/12/2007	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	42.20	—
MW-6	09/19/2007	—	<50	<50 e	<0.50	<1.0	<1.0	<1.0	2.5	<10	—	—	—	—	—	—	—	41.85	—
MW-6	10/25/2007	—	<50	<50 e	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	—	—	—	340.34	38.63	301.71
MW-6	01/10/2008	—	<50	<50 e	<0.50	<1.0	<1.0	<1.0	0.86 f	<10	<2.0	<2.0	<2.0	—	—	—	340.34	35.29	305.05
MW-6	04/17/2008	—	<50	<50 e	<0.50	<1.0	<1.0	<1.0	1.8	<10	<2.0	<2.0	<2.0	—	—	—	340.34	34.95	305.39
MW-6	07/02/2008	Well inaccessible		—	—	—	—	—	—	—	—	—	—	—	—	—	340.34	—	—
MW-6	10/14/2008	—	<50	<50	<0.50	<1.0	<1.0	<1.0	12	<10	<2.0	<2.0	<2.0	<0.50	<1.0	903	340.34	47.21	293.13
MW-6	01/05/2009	—	<50	<50	<0.50	<1.0	<1.0	<1.0	15	<10	<2.0	<2.0	<2.0	<0.50	<1.0	—	340.34	43.86	296.48
MW-6	04/14/2009	—	<50	81	<0.50	<1.0	<1.0	<1.0	25	13	<2.0	<2.0	<2.0	<0.50	<1.0	—	340.34	41.30	299.04
MW-6	10/06/2009	Insufficient water		—	—	—	—	—	—	—	—	—	—	—	—	—	340.34	54.16	286.18
MW-6	04/02/2010	Insufficient water		—	—	—	—	—	—	—	—	—	—	—	—	—	340.34	53.65	286.69
MW-6	10/13/2010	Insufficient water		—	—	—	—	—	—	—	—	—	—	—	—	—	340.34	54.12	286.22
MW-6	04/26/2011	—	<47	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	—	—	—	—	—	—	340.34	49.78	290.56
MW-6	07/07/2011	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	340.34	51.74	288.60
MW-6	07/08/2011	—	93 g	<50	1.2	2.2	<0.50	1.8	<1.0	<10	—	—	—	—	—	—	340.34	—	—
MW-6	10/03/2011	Well dry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	340.34	—	—

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
1801 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	Total O&G (mg/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)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TDS (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)
MW-6	04/02/2012	Well inaccessible	—	—	—	—	—	—	—	—	—	—	—	—	—	—	340.34	—	—

Notes:
Total O&G = Total oil and grease analyzed by EPA Method 1664A
TPHd = Total petroleum hydrocarbons as diesel analyzed by modified EPA Method 8015 with silica gel cleanup unless otherwise noted
TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8260B, unless otherwise noted
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
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-Dibromoethane, analyzed by EPA Method 8260B
TDS = Total dissolved solids
TOC = Top of casing elevation, in feet relative to mean sea level
GW = Groundwater
µg/L = Micrograms per liter
mg/L = Milligrams per liter
ft = Feet
MSL = Mean sea level
<x = Not detected at reporting limit x
— = Not analyzed or not available
n/n = TPHd/TPHd w/silica gel clean-up

a = Hydrocarbon does not match pattern of laboratory's standard.
b = Analysis without silica gel clean-up.
c = Initial analysis within holding time. Reanalysis for the required dilution or confirmation was past holding time.
d = The sample, as received, was not preserved in accordance to the referenced analytical method (pH = 7).
e = Analyzed by EPA Method 8015B (M).
f = Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
g = Hydrocarbon result partly due to individual peak(s) in quantitation range.

Site wells surveyed January 14, 2003 by Mid Coast Engineers.
February 23, 2006 survey data for wells MW-1A, MW-4A, and MW-5 provided by Delta Environmental.
October 5, 2007 survey data for well MW-6 provided by Delta Environmental.

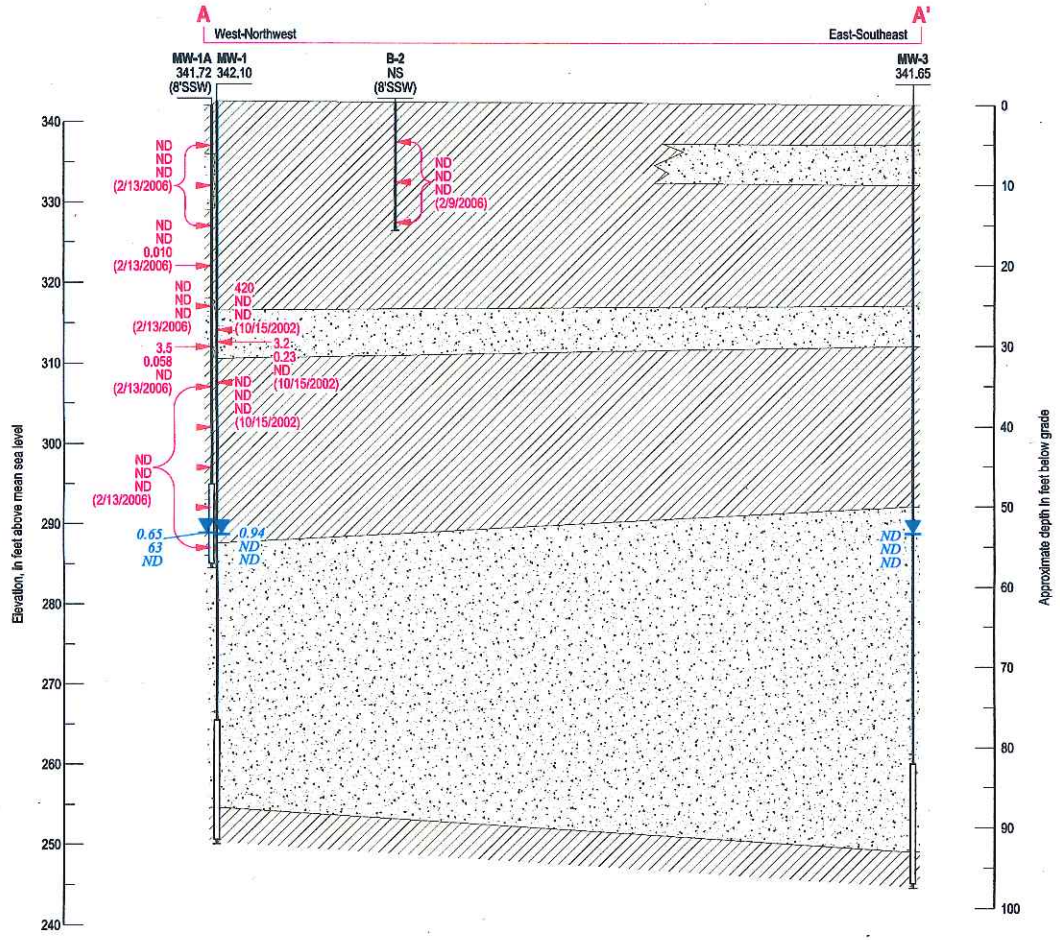
TABLE 4

HISTORICAL GRAB GROUNDWATER ANALYTICAL DATA
SHELL-BRANDED SERVICE STATION
1801 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Sample ID	*Date*	*TPHd (µg/L)*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*	*TBA (µg/L)*	*DIPE (µg/L)*	*ETBE (µg/L)*	*TAME (µg/L)*	*1,2-DCA (µg/L)*	*EDB (µg/L)*
B-1	2/13/2006	<50	<50	<0.50	0.83	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	<0.50	<0.50
B-4	2/15/2006	<50	<50	<0.50	<0.50	<0.50	<0.50	**12**	<5.0	<0.50	<0.50	<0.50	**3.9**	<0.50
Groundwater (≤10 fbg) ESL [a]:		100	100	1.0	40	30	20	5.0	12	NA	NA	NA	0.50	0.050

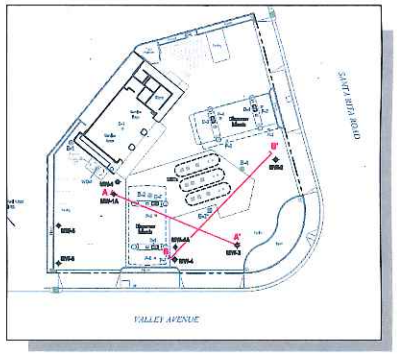
Notes:
TPHd = Total petroleum hydrocarbons as diesel analyzed by EPA Method 8015M
TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8260B
BTEX = Benzene, toluene, ethylbenzene, and total xylenes analyzed by EPA Method 8260B
MTBE = Methyl tertiary-butyl ether analyzed by EPA Method 8260B
TBA = Tertiary-butyl alcohol analyzed by EPA Method 8260B
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-Dibromoethane analyzed by EPA Method 8260B
µg/L = Micrograms per liter
<x = Not detected at reporting limit x
ESL = Environmental screening level
NA = No applicable ESL
Results in **bold** equal or exceed applicable ESL

a = San Francisco Bay Regional Water Quality Control Board ESL for groundwater where groundwater is 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]).



EXPLANATION

- ID / Elev. / (offset) — Well or boring designation; Top of casing elevation, in feet above mean sea level (where available); Offset distance and direction to cross-section line
- NS — Not surveyed
- Groundwater monitoring well or soil boring
- Well screen interval
- Bottom of boring
- = Fine-Grained Soils
- = Coarse-Grained Soils
- Depth to static groundwater (7/7/2011)
- Benzene / MTBE / TBA — Groundwater well concentrations, in micrograms per liter (7/7-8/2011)
- ND — Not detected
- Benzene / MTBE / TBA (Date) — Approximate discrete grab groundwater sample location, concentrations in micrograms per liter, and sample date
- ND — Not detected
- TPHg / Benzene / MTBE (Date) — Approximate soil sample location, concentrations in milligrams per kilogram, and sample date
- ND — Not detected



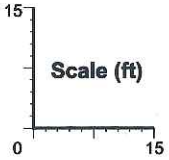
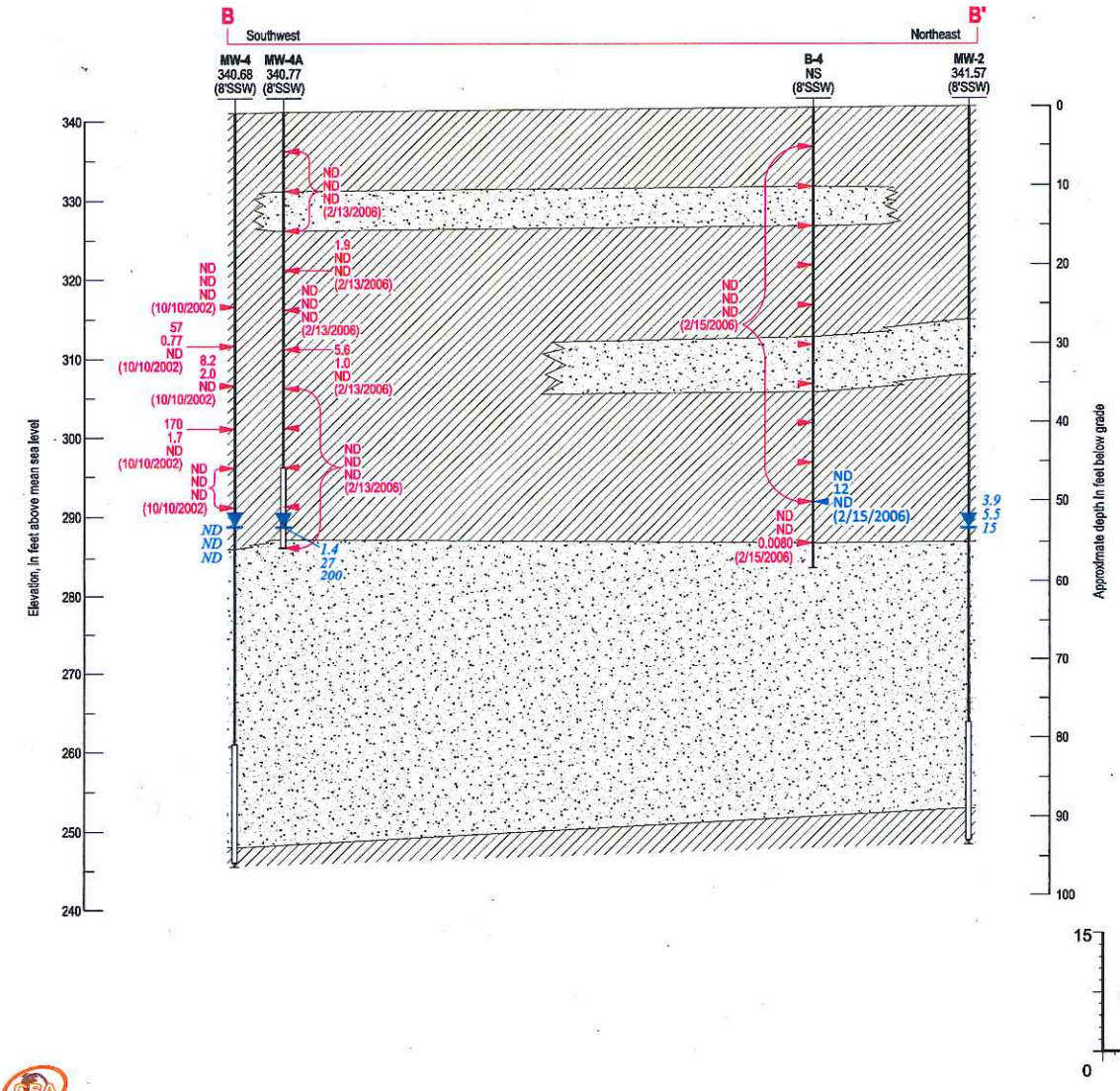


Figure 7
Geologic Cross Section A-A'
Shell-branded Service Station
1801 Santa Rita Road
Pleasanton, California

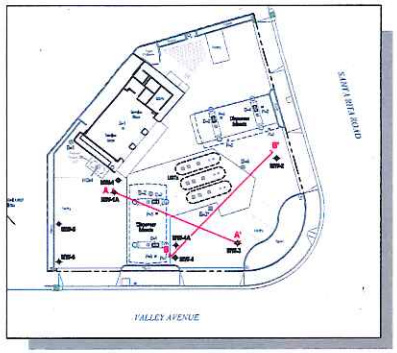
I:\Shell\6-chars\2012--\201232-Pleasanton 1801 Santa Rita\201232-FIGURES\201232 SITE PLAN (A-A').DWG (01/30/2011)

ATTACHMENT 6



EXPLANATION

- ID / Elev. / (offset) — Well or boring designation; Top of casing elevation, in feet above mean sea level (where available); Offset distance and direction to cross-section line
- NS — Not surveyed
- Groundwater monitoring well or soil boring
- Well screen interval
- Bottom of boring
- = Fine-Grained Soils
- = Coarse-Grained Soils
- Depth to static groundwater (7/7/2011)
- Benzene / MTBE / TBA — Groundwater well concentrations, in micrograms per liter (7/7-8/2011)
- ND — Not detected
- Benzene / MTBE / TBA (Date) — Approximate discrete grab groundwater sample location, concentrations in micrograms per liter, and sample date
- ND — Not detected
- TPHg / Benzene / MTBE (Date) — Approximate soil sample location, concentrations in milligrams per kilogram, and sample date
- ND — Not detected



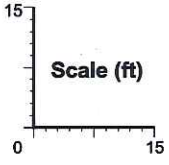


Figure 8
Geologic Cross Section B-B'
Shell-branded Service Station
1801 Santa Rita Road
Pleasanton, California

I:\Shell\6-chars\2012--\201232-Pleasanton 1801 Santa Rita\201232-FIGURES\201232 SITE PLAN (B-B').DWG (01/30/2011)