

CSM REPORT FOR PUBLIC NOTICING

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

<u>SITE NAME / ADDRESS</u>	<u>STATUS</u>	<u>STATUS DATE</u>	<u>RELEASE REPORT DATE</u>	<u>AGE OF CASE</u>	<u>CLEANUP OVERSIGHT AGENCIES</u>
SHELL SERVICE STATION (Global ID: T0611318306) 1010 OLIVE DRIVE DAVIS, CA 95616	Open - Remediation	10/22/2012	4/3/2007	8	CENTRAL VALLEY RWQCB (REGION 5S) (<i>LEAD</i>) - CASE #: 570338 <i>CASEWORKER: DAVID STAVAREK - SUPERVISOR: Joe Mello</i> YOLO COUNTY <i>CASEWORKER: FELIX YEUNG - SUPERVISOR: NONE SPECIFIED</i>

SITE HISTORY

The case was opened following an unauthorized release from an underground storage tank system at the subject site. Corrective action is underway as directed by the CVRWQCB. Corrective action may consist of preliminary site investigation, planning and implementation of remedial action, verification monitoring, or a combination thereof. A summary of the site history is available by clicking on either the "Cleanup Status History", "Regulatory Activities" or the "Site Maps/Documents" tab. For a complete site history the case file at the CVRWQCB should be consulted.

RESPONSIBLE PARTIES

<u>NAME</u>	<u>ORGANIZATION</u>	<u>ADDRESS</u>	<u>CITY</u>	<u>EMAIL</u>
DENIS BROWN	SHELL OIL PRODUCTS INC., USA	20945 S. WILMINGTON AVENUE	CARSON	denis.l.brown@shell.com
DENIS BROWN	SHELL OIL PRODUCTS INC., USA	20945 S. WILMINGTON AVENUE	CARSON	denis.l.brown@shell.com

CLEANUP ACTION INFO

<u>ACTION TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>PHASE</u>	<u>CONTAMINANT MASS REMOVED</u>	<u>DESCRIPTION</u>
IN SITU BIOLOGICAL TREATMENT	7/27/2010	7/27/2010	Water		An 8-hour sparge test was performed on 27 July 2010 using injection wells IW-1 and IW-2 as injection wells, and MW-1, MW-7, OW-1 and OW-2 as observation wells.
PUMP & TREAT (P&T) GROUNDWATER	7/21/2010	7/21/2010	Water		On 21 July 2010 an 8-hour pump test was performed in MW-2 and MW-4.
MONITORED NATURAL ATTENUATION	7/8/2008		Water		Monitoring wells installed, monitored natural attenuation begins, no estimate of mass petroleum hydrocarbons degraded

RISK INFORMATION

[VIEW LTCP CHECKLIST](#)

[VIEW PATH TO CLOSURE PLAN](#)

[VIEW CASE REVIEWS](#)

<u>CONTAMINANTS OF CONCERN</u>	<u>CURRENT LAND USE</u>	<u>BENEFICIAL USE</u>	<u>DISCHARGE SOURCE</u>	<u>DATE REPORTED</u>	<u>STOP METHOD</u>	<u>NEARBY / IMPACTED WELLS</u>	
Gasoline		GW - Agricultural Supply, GW - Freshwater Replenishment, GW - Groundwater Recharge, GW - Industrial Process Supply (PROC), GW - Industrial Service Water Supply (IND), GW - Municipal and Domestic Supply, SW - Agricultural Supply, SW - Commercial and Sport Fishing, SW - Freshwater Replenishment, SW - Spawning, Reproduction, and/or Early Development, SW - Water Contact Recreation, SW - Water Quality Enhancement, SW - Wetland Habitat, SW - Wildlife Habitat	Other	4/3/2007	Other Means	0	
<u>FREE PRODUCT</u>	<u>OTHER CONSTITUENTS</u>	<u>NAME OF WATER SYSTEM</u>	<u>LAST REGULATORY ACTIVITY</u>	<u>LAST ESI UPLOAD</u>	<u>LAST EDF UPLOAD</u>	<u>EXPECTED CLOSURE DATE</u>	<u>MOST RECENT CLOSURE REQUEST</u>
NO	YES	City of Davis Public Works	1/30/2015	1/30/2015	9/4/2014	3/30/2020	

CDPH WELLS WITHIN 1500 FEET OF THIS SITE

WELL NAME	STATE WELL #	STATUS	SOURCE	# TIMES SAMPLED	DIST TO WELL
OLD NORTH WELL - INACTIVE	5700536-002	Inactive Untreated	G	3	607 feet

CALCULATED FIELDS (BASED ON LATITUDE / LONGITUDE)

APN	GW BASIN NAME	WATERSHED NAME
070 280 01	Sacramento Valley - Yolo (5-21.67)	Valley Putah-Cache - Lower Putah Creek (511.20)
COUNTY	PUBLIC WATER SYSTEM(S)	
Yolo		

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

[VIEW ESI SUBMITTALS](#)

FIELD PT NAME	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	TBA
B-10	9/23/2011	OTHER	ND	ND	ND	ND	ND	ND
B-3	8/14/2009	ND	ND	ND	ND	ND	2.2 UG/L	ND
B-4	8/13/2009	130 UG/L	ND	ND	ND	ND	92 UG/L	17 UG/L
B-5	8/13/2009	79 UG/L	ND	ND	ND	ND	42 UG/L	ND
B-7	9/2/2009	ND	ND	ND	ND	ND	ND	ND
B-8	9/2/2009	ND	ND	ND	ND	ND	ND	ND
B-9	7/6/2010	6600 UG/L	ND	ND	ND	ND	6900 UG/L	ND
CPTB-10	4/24/2013	OTHER	ND	ND	ND	ND	16.8 UG/L	ND
CPTB-11	4/25/2013	OTHER	ND	ND	ND	ND	129 UG/L	ND
CPTB-12	4/26/2013	OTHER	ND	ND	ND	ND	ND	ND
MW-1	6/6/2014	OTHER	ND	ND	ND	ND	94.3 UG/L	ND
MW-2	6/6/2014	OTHER	140 UG/L	ND	ND	ND	59.6 UG/L	52500 UG/L
MW-3	7/22/2014	OTHER	ND	ND	ND	ND	0.29 UG/L	ND
MW-4	7/22/2014	OTHER	ND	ND	ND	ND	8.2 UG/L	3.4 UG/L
MW-5	7/22/2014	OTHER	ND	ND	ND	ND	2.5 UG/L	4.2 UG/L
MW-6	6/6/2014	OTHER	ND	ND	ND	ND	4 UG/L	ND
MW-7	6/6/2014	OTHER	ND	ND	ND	ND	4.1 UG/L	ND
OW-1	8/5/2011	OTHER	ND	ND	ND	ND	3.5 UG/L	ND
OW-2	8/5/2011	OTHER	ND	ND	ND	ND	10.3 UG/L	ND
OW-3	4/13/2011	OTHER	ND	ND	ND	ND	260 UG/L	22.3 UG/L

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

[VIEW ESI SUBMITTALS](#)

FIELD PT NAME	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	TBA
B-9	7/6/2010	ND	ND	ND	ND	ND	870 UG/KG	ND
IW-1	7/7/2010	720 UG/KG	ND	530 UG/KG	ND	1800 UG/KG	840 UG/KG	ND
IW-2	7/9/2010	1100 UG/KG	14 UG/KG	140 UG/KG	21 UG/KG	130 UG/KG	9300 UG/KG	810 UG/KG
MW-1	7/9/2008	<500 UG/KG	<5 UG/KG	<5 UG/KG	<5 UG/KG		<5 UG/KG	<50 UG/KG
MW-2	7/9/2008	<500 UG/KG	<5 UG/KG	<5 UG/KG	<5 UG/KG		<5 UG/KG	<50 UG/KG
MW-3	7/8/2008	<500 UG/KG	<5 UG/KG	<5 UG/KG	<5 UG/KG		<5 UG/KG	<50 UG/KG
MW-4	7/10/2008	<500 UG/KG	<5 UG/KG	<5 UG/KG	<5 UG/KG		<5 UG/KG	<50 UG/KG
MW-7	2/2/2009	<500 UG/KG	<5 UG/KG	<5 UG/KG	<5 UG/KG	<5 UG/KG	<5 UG/KG	<50 UG/KG
SOIL SAMPLE	4/24/2013		ND	ND	ND	ND		

MOST RECENT GEO_WELL DATA - [SHOWHIDE](#)

[VIEW ESI SUBMITTALS](#)

<u>FIELD PT NAME</u>	<u>DATE</u>	<u>DEPTH TO WATER (FT)</u>	<u>SHEEN</u>	<u>DEPTH TO FREE PRODUCT (FT)</u>
MW-1	7/22/2014	48.7	N	
MW-2	7/22/2014		N	
MW-3	7/22/2014	46.84	N	
MW-4	7/22/2014	46.91	N	
MW-5	7/22/2014	46.87	N	
MW-6	7/22/2014	49.91	N	
MW-7	7/22/2014	49.9	N	

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<u>SITE NAME / ADDRESS</u>	<u>STATUS</u>	<u>STATUS DATE</u>	<u>RELEASE REPORT DATE</u>	<u>AGE OF CASE</u>	<u>CLEANUP OVERSIGHT AGENCIES</u>
FORMER TEXACO SITE (Global ID: T0611300083) 712 G ST DAVIS, CA 95616	Open - Verification Monitoring	7/30/2014	5/25/1990	25	CENTRAL VALLEY RWQCB (REGION 5S) (LEAD) - CASE #: 570114 CASEWORKER: DAVID STAVAREK - SUPERVISOR: Joe Mello YOLO COUNTY CASEWORKER: ALEEM SHAFI - SUPERVISOR: NONE SPECIFIED

SITE HISTORY

The case was opened following an unauthorized release from an underground storage tank system at the subject site. Corrective action is underway as directed by the CVRWQCB. Corrective action may consist of preliminary site investigation, planning and implementation of remedial action, verification monitoring, or a combination thereof. A summary of the site history is available by clicking on either the "Cleanup Status History", "Regulatory Activities" or the "Site Maps/Documents" tab. For a complete site history the case file at the CVRWQCB should be consulted.

RESPONSIBLE PARTIES

<u>NAME</u>	<u>ORGANIZATION</u>	<u>ADDRESS</u>	<u>CITY</u>	<u>EMAIL</u>
WHITCOMBE, JOHN	WHITCOMBE, JOHN4893	1801 I STREET, SUITE 220, SACRAMENTO, CA 95814	r5 UNKNOWN	

CLEANUP ACTION INFO

<u>ACTION TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>PHASE</u>	<u>CONTAMINANT MASS REMOVED</u>	<u>DESCRIPTION</u>
EXCAVATION	10/12/2011	10/25/2011	Soil	237 Kilograms	Approximately 470 tons excavated on 10/12/11 as well as 848 tons between 10/18/11 and 10/25/11 resulting in approximately 237kg TPH removed.
IN SITU PHYSICAL/CHEMICAL TREATMENT (OTHER THAN SVE)	12/15/2004	1/20/2005	Water		Dual Phase Extraction was operated for short time, but determined not to be effective because of the large volume of groundwater that was being removed. No estimate of the mass removed.
IN SITU PHYSICAL/CHEMICAL TREATMENT (OTHER THAN SVE)	5/21/1999	2/15/2002	Water		Air sparging system operated at the site from 1999 to February 2002. No estimate of the amount of hydrocarbons removed.
MONITORED NATURAL ATTENUATION	2/15/1991		Water		Wells were installed in 1991, therefore, monitored natural attenuation starts. But the USTs were removed in 1983, therefore, natural attenuation probably begins in 1983.

RISK INFORMATION

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[VIEW PATH TO CLOSURE PLAN](#)

[VIEW CASE REVIEWS](#)

<u>CONTAMINANTS OF CONCERN</u>	<u>CURRENT LAND USE</u>	<u>BENEFICIAL USE</u>	<u>DISCHARGE SOURCE</u>	<u>DATE REPORTED</u>	<u>STOP METHOD</u>	<u>NEARBY / IMPACTED WELLS</u>
Gasoline		GW - Agricultural Supply, GW - Freshwater Replenishment, GW - Groundwater Recharge, GW - Industrial Process Supply (PROC), GW - Industrial Service Water Supply (IND), GW - Municipal and Domestic Supply, SW - Agricultural Supply, SW - Commercial and Sport Fishing, SW - Freshwater Replenishment, SW - Municipal and Domestic Supply, SW - Navigation, SW - Spawning, Reproduction, and/or Early	Other	5/25/1990		0

Development, SW - Water Contact Recreation, SW - Water Quality Enhancement, SW
 - Wetland Habitat, SW - Wildlife Habitat

<u>FREE PRODUCT</u>	<u>OTHER CONSTITUENTS</u>	<u>NAME OF WATER SYSTEM</u>	<u>LAST REGULATORY ACTIVITY</u>	<u>LAST ESI UPLOAD</u>	<u>LAST EDF UPLOAD</u>	<u>EXPECTED CLOSURE DATE</u>	<u>MOST RECENT CLOSURE REQUEST</u>
NO	NO	City of Davis	4/15/2015	3/3/2015	6/18/2012	12/31/2019	10/1/2013

CDPH WELLS WITHIN 1500 FEET OF THIS SITE

<u>WELL NAME</u>	<u>STATE WELL #</u>	<u>STATUS</u>	<u>SOURCE</u>	<u># TIMES SAMPLED</u>	<u>DIST TO WELL</u>
WELL_01_NEW	5710001-002	Active Raw	G	100	950 feet
WELL_07	5710001-004	Active Raw	G	103	1237 feet

CALCULATED FIELDS (BASED ON LATITUDE / LONGITUDE)

<u>APN</u>	<u>GW BASIN NAME</u>	<u>WATERSHED NAME</u>
070 166 01	Sacramento Valley - Yolo (5-21.67)	Valley Putah-Cache - Lower Putah Creek (511.20)
<u>COUNTY</u>	<u>PUBLIC WATER SYSTEM(S)</u>	
Yolo	<ul style="list-style-type: none"> CITY OF DAVIS - 1717 5TH STREET, DAVIS, CA 95616 	

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

[VIEW ESI SUBMITTALS](#)

<u>FIELD PT NAME</u>	<u>DATE</u>	<u>TPHg</u>	<u>BENZENE</u>	<u>TOLUENE</u>	<u>ETHYL-BENZENE</u>	<u>XYLENES</u>	<u>MTBE</u>	<u>TBA</u>
DPE-1S	4/15/2011	OTHER	9100 UG/L	1100 UG/L	610 UG/L	1500 UG/L		110 UG/L
DPE-2S	4/20/2012	OTHER	650 UG/L	ND	220 UG/L	31 UG/L		ND
EFFLUENT	1/17/2005	OTHER	ND	ND	ND	ND	ND	
INFLUENT	1/17/2005	OTHER	5900 UG/L	7900 UG/L	1700 UG/L	8300 UG/L	ND	
MIDPOINT	1/17/2005	OTHER	ND	ND	ND	ND	ND	
MW-1	4/15/2011	OTHER	ND	ND	ND	ND		
MW-10	10/11/2010	OTHER	ND	ND	ND	ND		
MW-11	10/11/2010	OTHER	ND	ND	ND	ND		
MW-12	4/15/2011	OTHER	ND	ND	ND	ND		ND
MW-13	4/15/2011	OTHER	930 UG/L	ND	70 UG/L	14 UG/L		75 UG/L
MW-14	4/20/2012	OTHER	2800 UG/L	ND	460 UG/L	180 UG/L		43 UG/L
MW-14D	4/15/2011	OTHER	ND	ND	ND	ND		
MW-2	8/15/2003	OTHER	18000 UG/L	14000 UG/L	2200 UG/L	9900 UG/L		
MW-2D	4/15/2011	OTHER	ND	ND	ND	ND		
MW-3	4/15/2011	OTHER	ND	ND	ND	ND		
MW-3D	4/15/2011	OTHER	ND	ND	ND	ND		
MW-4	4/15/2011	OTHER	ND	ND	ND	ND		
MW-5	10/11/2010	OTHER	ND	ND	ND	ND		
MW-6	4/15/2011	OTHER	590 UG/L	1 UG/L	250 UG/L	54 UG/L		14 UG/L
MW-7	10/11/2010	OTHER	ND	ND	ND	ND		
MW-8	10/11/2010	OTHER	ND	ND	ND	ND		
MW-9	10/11/2010	OTHER	ND	ND	ND	ND		
NA	8/15/2003	OTHER	5 UG/L	2 UG/L	ND	0.8 UG/L		
QA	10/11/2010	OTHER	ND	ND	ND	ND		
QCTB	4/20/2012	OTHER	ND	ND	ND	ND		

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

[VIEW ESI SUBMITTALS](#)

<u>FIELD PT NAME</u>	<u>DATE</u>	<u>TPHg</u>	<u>BENZENE</u>	<u>TOLUENE</u>	<u>ETHYL-BENZENE</u>	<u>XYLENES</u>	<u>MTBE</u>	<u>TBA</u>
MW-13	6/12/2008		<u>5.2 MG/KG</u>	<u>ND</u>	<u>12 MG/KG</u>	<u>6.6 MG/KG</u>		<u>ND</u>
MW-14D	6/10/2008		<u>0.26 MG/KG</u>	<u>0.003 MG/KG</u>	<u>1.5 MG/KG</u>	<u>0.1 MG/KG</u>		<u>ND</u>
MW-3D	6/11/2008		<u>ND</u>	<u>ND</u>	<u>ND</u>	<u>ND</u>		<u>ND</u>

<u>MOST RECENT GEO_WELL DATA - SHOWHIDE</u>					<u>VIEW ESI SUBMITTALS</u>
<u>FIELD PT NAME</u>	<u>DATE</u>	<u>DEPTH TO WATER (FT)</u>	<u>SHEEN</u>	<u>DEPTH TO FREE PRODUCT (FT)</u>	
DPE-1S	4/15/2011	22.21	N		
DPE-2S	4/20/2012	23.68	N		
MW-1	4/15/2011	22.13	N		
MW-10	4/15/2011	22.07	N		
MW-11	4/15/2011	22.2	N		
MW-12	4/15/2011	22.83	N		
MW-13	4/15/2011	22.5	N		
MW-14	4/20/2012	24.09	N		
MW-14D	4/15/2011	22.14	N		
MW-2	10/20/2003		U		
MW-2D	4/15/2011	22.18	N		
MW-3	4/15/2011	22.41	N		
MW-3D	4/15/2011	22.53	N		
MW-4	4/15/2011	20.65	N		
MW-5	4/15/2011	21.6	N		
MW-6	4/15/2011	22.71	N		
MW-7	4/15/2011	22.24	N		
MW-8	4/15/2011	22.35	N		
MW-9	4/15/2011		N		