



**Linda S. Adams**  
Secretary for  
Environmental Protection

# State Water Resources Control Board

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## Division of Financial Assistance

1001 I Street • Sacramento, California 95814  
P.O. Box 944212 • Sacramento, California • 94244-2120  
(800) 813-FUND (3863) • FAX (916) 341-5806 • [www.waterboards.ca.gov/water\\_issues/programs/ustcf/](http://www.waterboards.ca.gov/water_issues/programs/ustcf/)



**Arnold Schwarzenegger**  
Governor

December 7, 2009

Six Mile Station  
Attn: Jim Huff  
P O Box 378  
Sutter, CA 95982

### **NOTIFICATION OF PUBLIC HEARING**

UNDERGROUND STORAGE TANK (UST) CLEANUP FUND (FUND), MEETING NOTIFICATION FOR CASE CLOSURE RECOMMENDATION, PURSUANT TO HEALTH AND SAFETY CODE SECTION 25299.39.2: CLAIM NUMBER: 14674; SITE ADDRESS: 8991 OROVILLE HWY, MARYSVILLE, CA

By this letter, as Fund Manager, I am informing you of the Fund's intent to recommend closure of your UST site cleanup case to the State Water Resources Control Board (State Water Board) at its January 19, 2010, Board meeting.

In the interim, any reasonable, necessary, and eligible costs that you incur and submit in a properly documented reimbursement request will continue to be reimbursed by the Fund, as monies are available.

#### *Meeting Notice*

The State Water Board is planning to consider closing your UST case at its meeting that will be held on January 19, 2010 commencing at 9:00 AM in the Coastal Hearing Room, Second Floor of the Cal/EPA Building, 1001 I Street, Sacramento, California.  
Under separate cover at a later date, you will receive an agenda for this meeting.

#### *Legal Authority*

Health & Safety Code Section 25299.39.2(a) requires that the Fund Manager notify UST owners or operators who have a Letter of Commitment (LOC) that has been in active status for five or more years and to review the case history of these sites on an annual basis unless otherwise notified by the UST owner or operator. In addition, the H&SC section further states that the Fund Manager, with approval of the UST owner or operator, may recommend regulatory case closure to the State Water Board. This process is called the "5-Year Review." The State Water Board may close or require the closure of a UST case that is under the jurisdiction of a regional water quality control board (regional water board) or a local agency participating in the State Water Board's local oversight program.

Discussion

Having obtained your approval and pursuant to Health and Safety Code Section 25299.39.2(a) to recommend closure of your UST case to the State Water Board, enclosed is a copy of the UST Case Closure Summary for your UST case. The case closure summary contains information about your UST case and forms the basis for UST Cleanup Fund manager's recommendation to the State Water Board for UST case closure. A copy of the Case Closure Summary is also being provided to your environmental consultant and the regional water board that has been overseeing corrective action at your site. Other interested persons may obtain a copy of the Case Closure Summary by contacting Ms. Dennise Walker, at (916) 341-5789.

Comments

At the meeting, interested persons will be allowed to comment orally on the case closure recommendation (including the case closure summary), subject to the following time limits. The UST Cleanup Fund claimant and the regional water board overseeing corrective action at the site will be allowed five minutes for oral comment, with additional time for questions by the State Water Board members. Other interested persons will be allotted a lesser amount of time to address the State Water Board. At the meeting, the State Water Board may grant UST case closure, deny case closure, or may continue consideration until a later meeting.

Written comments on the case closure summary must be received by the State Water Board by 12:00 p.m. on December 31, 2009. Please provide the following information in the subject line: January 19, 2010 Board Meeting, UST Case Closure, and applicable site address and UST Cleanup Fund claim number. Comments must be addressed to:

Ms. Jeanine Townsend  
Clerk to the Board  
State Water Resources Control Board  
1001 I Street, 24<sup>th</sup> Floor [95814]  
P.O. Box 100  
Sacramento, CA 95812-0100  
(tel) 916-341-5600  
(fax) 916-341-5620  
(email) [commentletters@waterboards.ca.gov](mailto:commentletters@waterboards.ca.gov)

If you have any questions regarding this matter, please contact Mr. Robert Trommer at (916) 341-5684.

Sincerely,



Ronald M. Duff, P.E., Fund Manager  
Underground Storage Tank Cleanup Fund

Enclosure

cc: See next page

cc: RWQCB – Central Valley  
Ms. Pamela Creedon  
11020 Sun Center Drive, Suite 200  
Rancho Cordova, CA 95670-6114

RWQCB – Central Valley  
Mr. Brian Newman  
11020 Sun Center Drive, Suite 200  
Rancho Cordova, CA 95670-6114

RWQCB – Central Valley  
Mr. Michael Smith  
11020 Sun Center Drive, Suite 200  
Rancho Cordova, CA 95670-6114

Applied Engineering & Geology, Inc.  
David Saovang  
578 E Street  
Lincoln, CA 95648

Vincent & Debra Naso

Zanna Baha Khan

Linda Dankman

District #10 Rice Dryer, Inc.

Hi & Dry Warehouse, Inc.

Odis Ollar

William & Carla Artamenko



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## Draft UST Case Closure Summary

This Underground Storage Tank (UST) Case Closure Summary has been prepared in support of a recommendation by the Petroleum Underground Storage Tank Cleanup Fund (Fund) to the State Water Resources Control Board (State Water Board) for closure of the UST case for Claim Number 14674; site located at 8991 Oroville Highway, Marysville, CA 95901 (Site). All record owners of fee title for this site as well as adjacent property owners and other interested parties, as appropriate, have been notified of the recommendation for closure and given an opportunity to provide comments.

### Agency Information

Agency Name: Central Valley Regional Water Quality Control Board Sacramento Office (Regional Board)	Address: 11020 Sun Center Drive #200, Rancho Cordova, CA 95670-6114
Responsible staff person: Michael Smith	Title: Environmental Scientist

### Case Information

RWQCB Case No: 580219	Global ID: T0611500200
Site Name: Six Mile Station (Site)	Site Address: 8991 Hwy 70, Marysville, CA 95901
Responsible Party: Mr. Henry Ohrt Six Mile Station	Address: P. O. Box 378, Sutter, CA 95982
Underground Storage Cleanup Fund (Fund) Claim No.: 14674	USTCF Expenditures to Date: \$ 185,939 Number of Years Open: 9

### Tank Information

Tank No.	Size in Gallons	Contents	Closed in Place/ Removed/Active?	Date
1	10,000	Gasoline	Removed	June 99
2	10,000	Gasoline	Removed	June 99
3	6,000	Gasoline	Removed	June 99

### Release Information

- Source of Release: UST system.
- Date of Release: The reported date of the release is 6/4/1999.
- Affected Media: Soil and groundwater.

### Site Information

- GW Basin: Sacramento Valley
- Beneficial Uses: municipal and domestic water supply (MUN), agricultural supply (AGR), industrial service supply (IND), and industrial process supply (PRO) as per the Basin Plan
- Land Use Designation: Residential and/or Commercial

- Distance to Nearest Supply Well: According to Geotracker, one public supply well lies within ½ mile of site, 2310 feet southeast of the site (Country Valley Mobile Home Park).
- Minimum Groundwater Depth: 10.21 feet below ground surface (bgs) at monitoring well MW-4.
- Maximum Groundwater Depth: 27.84 feet bgs at monitoring well MW-2d.
- Flow Direction: Northwest during March 2008 (Last GW monitoring event reported)
- Soil Types: Soil from surface to about 15 feet below grade is reported as silt and sandy. From 15 feet bgs to depths of about 31 feet the soil is sandy to silty clay and sand from 31' bgs to 35' bgs.

**Monitoring Well Information**

Well Designation	Date Installed	Screen Interval (feet bgs)	Most Recent DTW (10/7/08)
MW-1d	Oct 03	32-37	12.05
MW-2d	Oct 03	32-37	11.95
MW-3d	Oct 03	32-37	12.42
MW-4d	Oct 03	32-37	12.26
MW-4	Oct 03	20-25	12.80
DW-1	Oct 03	?-289	-

**Water Quality Objectives (WQO's) For Site:** Per the Water Quality Control Plan (Basin Plan) for the Sacramento River Basin and the San Joaquin River Basin (Fourth Edition).

**Maximum Documented Contaminant Concentrations**

Contaminant	Soil (mg/kg or parts per million or ppm)		Water (ug/L or parts per billion or ppb)		WQOs (ug/L)
	Maximum (June 4, 1999)	Latest (December 17, 2007)	Maximum	Latest (Mar 08)	
TPH-g	2500	<1.0	70	<50	5
TPH-d	22	610*	210	<50	56
Benzene	1.7	<0.005	ND	<0.5	0.15
Toluene	68	<0.005	ND	<0.5	42
Ethylbenzene	28	<0.005	ND	<0.5	29
Xylenes	240	<0.005	ND	<0.5	17
MTBE	48	<0.005	120	<0.5	5
TBA	11	<0.005	NA	<0.5	12
1,2-DCA	NA	NA	NA	NA	0.5
Lead	13	NA	NA	NA	15
PCE	NA	NA	NA	NA	0.06
TCE	NA	NA	NA	NA	0.8

\* Per Laboratory Note: "Hydrocarbons are higher-boiling than typical Diesel Fuel"  
 NA Not Analyzed, Not Applicable or Data Not Available  
 WQO Water Quality Objectives

**FREE PRODUCT:** None Identified

**Site Description:** The site is a relatively flat site approximately 3/4-acre in size surrounded by agricultural farms. The property is located on the southeast corner of Highway 70 and Woodruff Lane in Marysville. The site does not have any tanks at this time and is used for a convenience store.

### Site History

The site was used as a gasoline service station and the tanks were removed in June 1999. The site is currently used as a store.

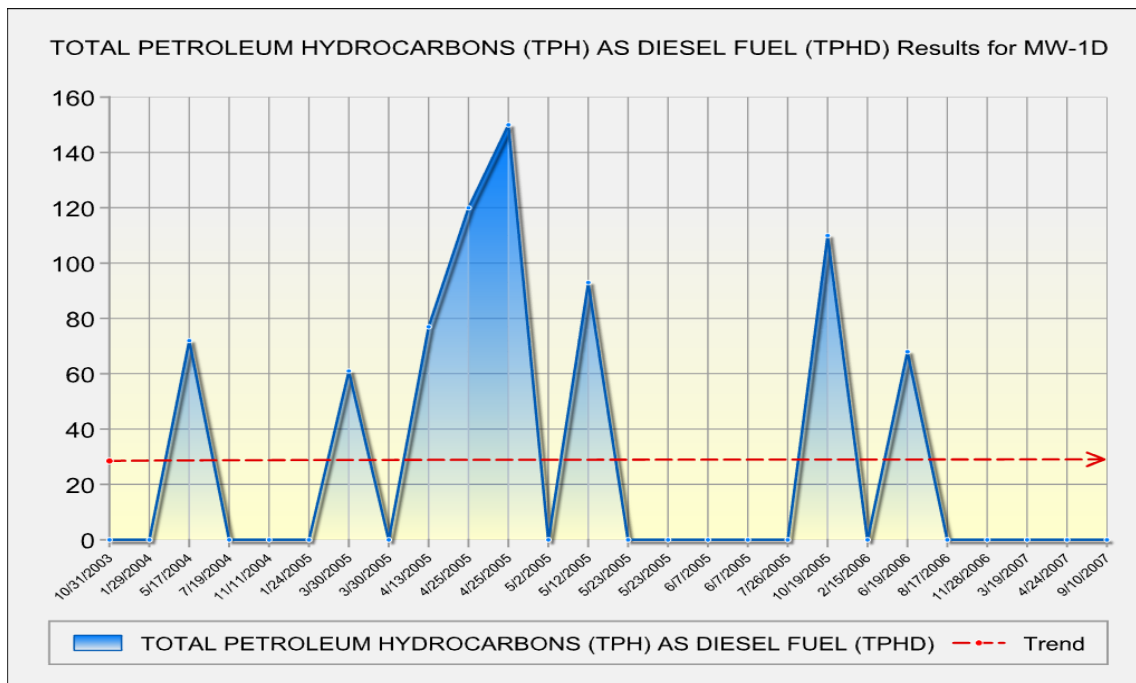
### Remediation Summary

- **Free Product:** None identified
- **Soil Excavation:** In the area of the former dispensers, where higher contamination was identified at a shallow depth of about 2' bgs, over excavation activities were conducted. An unspecified quantity of petroleum hydrocarbon contaminated soil was removed. The over excavation continued until either the Photo Ionization Detector readings were less than 25 parts per million by volume or until further over excavation would present a safety concern.
- **In-Situ Soil Remediation:** No in-situ soil remediation has been conducted.
- **Groundwater Remediation:** During Second Quarter of 2005, 11 weekly GW extraction events were performed in GMMW MW-1d; a total of 2,750 gallons of GW was extracted.

### General Site Conditions

- Hydrogeology: Shallow GW depth has varied from 10' bgs to 28' bgs.
- Geology: The site lies on a nearly flat area that is part of the Sacramento Valley, an alluvial plain consisting of continental deposits overlying a thick layer of Marine Sediments. The alluvium consists of fine sands, silts and clays with layers of cemented material (hardpan) near the surface over much of the area.

Note: Concentrations are in units of ug/L or Parts per billion (ppb)



- Groundwater Trends: Contaminant of concern appeared to be TPH(d) with low levels in one GWMW (MW-1d).
- Estimate of Remaining Mass: Very low (approximately 130 lbs – TPH-G & D, and MTBE) in a very limited area in the soil.
- Time To Meet Water Quality Objectives: Groundwater samples were non detect for all contaminants of concern based on the first quarter of 2008 groundwater monitoring data.

### **Sensitive Receptor Survey**

One well is located within ½ mile of site, 2310 feet southeast of the site (Country Valley Mobile Home Park).

### **Risk Evaluation**

As a result of removal of soil from the hot spot in the area of the former dispenser at the site, there is little or no residual soil contamination at the site (maximum mass calculated based on soil samples collected throughout the site's history is approximately 130 lbs of TPH (G & D) and MTBE) that would pose a threat to groundwater resources, human health or the environment. In March 2008, five groundwater monitoring wells in the vicinity of the site were sampled. No detectable constituents were identified in the wells. A soil vapor survey was conducted at seven locations at the site on December 17, 2007. Laboratory analysis of the vapor samples were all non detect for contaminants of concern in all the vapor samples.

### **Closure**

**Will corrective action performed ensure the protection of human health, safety and the environment?** Yes

**Is corrective action and UST case closure consistent with State Water Board Resolution 92-49?** Yes

### **Objections to Closure and Response**

The Regional Board objects to closure at this time the Responsible Party has not conducted public participation and the monitoring wells must be abandoned before the case will be closed.

The Fund has conducted public notification and the Yuba County Department of Environmental Health has the regulatory responsibility to supervise the abandonment of monitoring wells.

**Summary and Conclusion:** The site is located in rural/agricultural area north of Marysville. This site is currently a convenience store and was formerly a service station. The USTs were removed in June 1999 (over 10 years ago). Hot spot around the former dispenser was identified and over excavated. Eleven groundwater over-purging events were conducted in GWMW MW-1D. A soil vapor survey was performed in December 2007. Laboratory analysis of all of the vapor samples was non-detect for the contaminants of concern. The nearest sensitive receptor is a well located 2310 feet up-gradient of the site. There are currently five groundwater monitoring wells associated with the site. All of the wells were non-detect for all contaminants of concern in the last GW monitoring event conducted in March 2008. MTBE is not an issue. The soil contamination is very limited, defined and stable with a trend of gradual reduction over time.

Based on available information, residual petroleum hydrocarbon contamination at the site does not pose significant risks to public health and safety and the environment and the Fund manager recommends that the case be closed.

