

## Lahontan Regional Water Quality Control Board

June 18, 2014

Nicole Arceneaux  
Union Oil Company  
6101 Bollinger Canyon Road  
San Ramon, CA 94583

**NO FURTHER ACTION REQUIRED FOR THE FORMER TOSCO FACILITY #5949,  
1500 MAIN STREET, SUSANVILLE, LASSEN COUNTY, ASSESSOR PARCEL  
NO. 105-200-22-11 (LUSTIS NO. 6T0135A)**

**RESCISSION OF CLEANUP AND ABATEMENT ORDER NO. R6T-2002-0033**

This letter confirms the completion of a site investigation and corrective action for the underground storage tank(s) 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) and spill 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 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. This notice is issued pursuant to subdivision (g) of Section 25296.10 of the Health and Safety Code.

Also at this time, the Water Board is rescinding Cleanup and Abatement Order No. R6T-2002-0033 that was issued for contamination impacting and threatening water quality at the site.

Please contact Lisa Dernbach at (530) 542-5424 if you have any questions regarding this matter.



PATTY Z. KOUYOUMDJIAN  
EXECUTIVE OFFICER

Enclosure: Case Closure Summary

cc: Former Tosco #5949 Mailing List

LSD/adw/T: Former Tosco UGT closure 5-14.let  
UST File: UGT, Lassen County, 6T0135A

AMY L. HORNE PhD, CHAIR | PATTY Z. KOUYOUMDJIAN, EXECUTIVE OFFICER

2501 Lake Tahoe Blvd., So. Lake Tahoe, CA 96150 | [www.waterboards.ca.gov/lahontan](http://www.waterboards.ca.gov/lahontan)

**Petroleum Case Closure  
Supplemental Information Form<sup>1</sup>**

**Lahontan Regional Water Quality Control Board - Region 6**

**South Lake Tahoe Office:**  
2501 Lake Tahoe Blvd.  
South Lake Tahoe, CA 96150

**Victorville Office:**  
14440 Civic Drive, Suite 200  
Victorville, CA 92392

**1. Lahontan Regional Water Quality Control Board Contact**

<b>Case Worker:</b> Lisa Dernbach	<b>Phone:</b> (530) 542-5424
<b>Date Form Completed:</b> 3/25/2014	

**2. Case Information**

<b>Lahontan Case #:</b> 6T0135A	<b>UST Cleanup Fund #:</b> none	<b>Geotracker Global ID #:</b> T0603500015
<b>Site Name:</b> Former Tosco Facility #5949	<b>Site Address:</b> 1500 Main St., Susanville	
<b>Unauthorized Release Form Date:</b> 1992	<b>County:</b> Lassen	
<b>Water Board Permits and Cleanup and Abatement Orders Issued:</b> Cleanup and Abatement Order No. R6T-2002-0033		

**3. Responsible Parties**

<b>Fee Title Owner(s):</b> <b>Owner Address(es):</b> Richard McNeill Living Trust 613 S. Fircroft West Covina, CA 91791	<b>Operator(s):</b> <b>Operator Address(es):</b> Union Oil Company 6101 Bollinger Canyon Rd. San Ramon, CA 945783
<b>Designated Responsible Party:</b> Union Oil Company	

**4. Notifications**

<b>Date fee title ownership confirmed through county assessor's office?</b> Yes
<b>How was fee title owner notified?</b> Mailings
<b>60-day comment Period Begin Date:</b> March 25, 2014
<b>Comments:</b> 60-day comment period ends on May 24, 2014

<sup>1</sup> This form is required when Water Board staff makes a determination in accordance with (1) Groundwater-Specific Criteria 5a, (2) Petroleum Vapor Intrusion to Indoor Air 2c, or (3) Direct Contact and Outdoor Air Exposure 3c.

## 5. Unauthorized Release Description

**Type of product released (e.g. gasoline, diesel):**

gasoline, diesel

**Primary source/release mechanism:**

Leaky tank systems

**Comments:** All tanks, piping, and dispensers have been removed from site.

## 6. Site Setting

**Site Location (describe general site area, e.g., located in a commercial area) and Site Land Use (current and any known planned use of the site):**

The Union 76 gas station was located on Main Street on commercial property. All underground tanks and structures have been removed and the site is currently vacant.

**Comments:**

## 7. Media Specific Criteria

**Groundwater-Specific Criteria, 5a:** *(Explain the site specific conditions why the contaminant plume poses, under current and reasonably anticipated near-term future scenarios, a low threat to human health and safety, and the water quality objectives will be achieved within a reasonable amount of time.)*

Closure is justified for the site since there is very low threat to water quality, human health and the public. Groundwater extraction over ten years removed 740,570 gallons of contaminated water. Groundwater monitoring since 2004 shows hydrocarbons concentrations decreasing with time. Low levels of diesel and MTBE remain in groundwater which varies in depth from 6 to 30 ft bgs, depending on the season.

The risk to receptors is extremely small; the nearest municipal well is 3,100 ft south of the site. While the Susan River is less than 1,000 ft away, monitoring shows it is no longer threatened by the small plume in groundwater. Additional corrective actions are not reasonable or justified in this matter under current land use (vacant lot). However, since some soil and groundwater contamination remains, risk to public health should be re-evaluated if a water supply well is placed or planned on site.

**Petroleum Vapor Intrusion to Indoor Air, Criteria 2c:** *(Explain the mitigation measures or institutional or engineering controls that reduce risk to human health from petroleum vapors migrating from soil or groundwater to indoor air to less than significant levels.)*

A soil vapor extraction system operated on site for about ten years and removed approximately 11,678 lbs of hydrocarbons. There are no longer detectable levels of volatile hydrocarbon compounds in soil. Thus, the risk to human health from vapor intrusion now and in the future is low to none.

**Direct Contact and Outdoor Air Exposure, Criteria 3c:** *(Explain the mitigation measures, institutional or engineering controls that reduce risk to human health from concentrations of petroleum constituents in soil to less than significant levels.)*

Excavation removed 730 c.y. of contaminated soil to 18 ft bgs. Diesel remains in soil from 18 to 28 ft bgs at low concentrations. Mass of diesel remaining in soil and groundwater is a small quantity compared to the original release and will attenuate over time.

**List of acronyms that may have been used in this form:**

BTEX – benzene, toluene, ethylbenzene,  
and total xylenes  
bgs – below ground surface  
COC – constituents of concern  
c.y. – cubic yards  
DPE – dual phase extraction  
DTW – depth to water  
ft -- feet  
GAC – granular activated carbon  
lb -- pounds  
MCL – maximum contaminant level  
MTBE - methyl-tert-butyl ether  
mg/kg – milligrams/kilogram  
NA - not applicable  
NFAR – No further action required  
NS - not sampled  
ppmv – parts per million by volume  
SVE – soil vapor extraction  
TPH - total petroleum hydrocarbons  
TPHd – TPH, diesel range  
TPHg - TPH, gasoline range  
TPHmo –TPH, motor range  
UST – underground storage tank  
µg/L – micrograms/liter