

State Water Resources Control Board

UST CASE CLOSURE SUMMARY

Agency Information

Current Agency Name: State Water Resources Control Board	Address: 1001 I Street, P.O. Box 2231 Sacramento, CA 95812
Current Agency Caseworker: Mr. Matthew Cohen	Case No.: N/A
Former Agency Name: Ventura County Environmental Health Division (Prior to 7/1/2014)	Address: 800 South Victoria Avenue Ventura, CA 93009
Former Agency Caseworker: Ms. Gina Teresa	Case No.: 88147

Case Information

USTCF Claim No.: 1968	Global ID: T0611100380
Site Name: Kwik Serve	Site Address: 110 Ojai Avenue Ojai, CA 93023 (Site)
Responsible Party: ExxonMobil Environmental Services Attention: Ms. Sylvana M. Azana	Address: 3700 West 190 th Street Torrance, CA 90504
USTCF Expenditures to Date: \$1,473,135	Number of Years Case Open: 27

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0611100380

Summary

The Low-Threat Underground Storage Tank Case Closure Policy (Policy) contains general and media-specific criteria, and cases that meet those criteria are appropriate for closure pursuant to the Policy. This case meets all of the required criteria of the Policy.

The release at the Site was discovered in 1988, when three gasoline underground storage tanks (USTs) were removed. One waste oil UST was removed from the Site in March 1995. More than 730 tons of impacted soil were transported off-site for disposal in July 1995, prior to the installation of new gasoline USTs at the Site.

A groundwater treatment system operated at the Site from July 1997 through February 2002, removing more than 892,000 gallons of groundwater and 180 pounds of dissolved phase hydrocarbons. A vapor extraction system operated at the Site from July 1997 through February 2002, removing more than 7,600 pounds of vapor phase hydrocarbons.

Kwik Serve
110 Ojai Avenue, Ojai, Ventura County

Hand bailing recovered over 130 gallons of free product between September 1997 and September 2001. Measurable free product has not been reported at the Site since September 2001. Air sparging was conducted on a weekly to monthly basis on-site from November 1998 through November 2001 and off-site from January 2001 through November 2001. Three gasoline USTs were removed from the Site in December 2004. In June 2005, a UST was removed and more than 370 tons of impacted soil were over-excavated and transported off-site for disposal. The Site is operated as a retail bicycle shop.

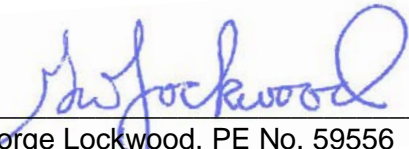
The average depth to groundwater was nine feet below ground surface (bgs). The contaminate plume that exceeds water quality objectives (WQOs) is less than 1,000 feet in length and has been stable or decreasing in areal extent since 2010. The nearest public supply well and surface water body are greater than 1,000 feet from the plume boundary. Additional corrective action will not likely change the conceptual site model. Residual petroleum constituents pose a low risk to human health, safety, and the environment.

Rationale for Closure under the Policy

- General Criteria – Site **MEETS ALL EIGHT GENERAL CRITERIA** under the Policy.
- Groundwater Media-Specific Criteria – Site meets the criteria in **CLASS 5**. Based on an analysis of Site-specific conditions, which under current and reasonably anticipated near-term future scenarios, the contaminant plume poses a low threat to human health, safety, and the environment and WQOs will be achieved within a reasonable time frame. The primary source has been removed. The contaminant plume that exceeds WQOs is less than 1,000 feet in length. There is no free product. The nearest existing water supply well and surface water body are greater than 1,000 feet from the plume boundary. The plume has been stable or decreasing in areal extent since 2010.
- Petroleum Vapor Intrusion to Indoor Air Criteria – Site meets **CRITERION 2 (a)-Scenario 4** with no bioattenuation zone. The maximum benzene, ethylbenzene, and naphthalene concentrations in soil gas from five feet bgs are less than 280 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$), 3,600 $\mu\text{g}/\text{m}^3$, and 310 $\mu\text{g}/\text{m}^3$, respectively. These levels meet the Commercial soil gas thresholds.
- Direct Contact and Outdoor Air Exposure Criteria – Site meets **CRITERION 3 (a)**. Maximum concentrations of residual petroleum constituents in soil are less than or equal to those listed in Table 1 of the Policy. Although poly-aromatic hydrocarbons were not analyzed, there does not appear to be a significant release that would result in concentrations in the soil exceeding concentrations listed in Table 1 of the Policy.

Recommendation for Closure

The corrective action performed at this Site ensures the protection of human health, safety, and the environment, and is consistent with chapter 6.7 of the Health and Safety Code and implementing regulations, applicable state policies for water quality control, and the applicable water quality control plan, and case closure is recommended.



George Lockwood, PE No. 59556
Senior Water Resource Control Engineer

3/17/2015

Date

