

State Water Resources Control Board

UST CASE CLOSURE SUMMARY

Agency Information

Current Agency Name: State Water Resources Control Board (State Water Board)	Address: 1001 I Street, P.O. Box 2231 Sacramento, CA 95812-2231
Current Agency Caseworker: Mr. Matthew Cohen	Case No.: N/A

Former Lead Agency Name: Ventura County LOP	Address: 800 South Victoria Avenue Ventura, CA 93009
Former Agency Caseworker: Ms. Gina Teresa	Case No.: 95041

Case Information

USTCF Claim No.: None	Global ID: T0611100941
Site Name: Mobil Oil SS #18-GYR	Site Address: 4111 Telegraph Road Ventura, CA 93003 (Site)
Responsible Party: Exxon Mobil Environmental Services Company Attention: Mr. Lee Hanley	Address: 1464 Madera Road, Suite N265 Simi Valley, CA 93065
USTCF Expenditures to Date: N/A	Number of Years Case Open: 26

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0611100941

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 when one underground storage tank (UST) was removed and three USTs were replaced in October 1987. Concentrations of petroleum constituents were identified beneath the southern fuel dispenser island.

A subsurface investigation in 1998 indicated elevated petroleum constituents were present in the soil from 5 to 30 feet below ground surface (bgs). Groundwater was encountered during the investigation at approximately 26 feet bgs. Groundwater sample results indicated that groundwater had been impacted by the release at the Site.

Multiphase extraction (MPE) was performed at the Site as interim remedial action. The system was in operation for approximately 46 days between April 2001 and December 2007. The MPE system

Mobil Oil SS # 18-GYR
4111 Telegraph Road, Ventura, Ventura County

removed approximately 1,489 pounds of petroleum constituent vapor and approximately 14,285 gallons of groundwater were recovered and transported off-Site for recycling.

An air sparging/soil vapor extraction (AS/SVE) system, consisting of seven AS/SVE wells, began operating at the Site in April 2010. The system removed approximately 543 pounds of petroleum constituents between April 2010 and August 2013, when it was turned off after graphed concentrations demonstrated an asymptotic curve. Two quarterly groundwater monitoring events have been conducted at the Site since AS/SVE system shutdown. Groundwater sample results indicate concentrations of petroleum constituents continued to decrease or remained stable after the system was turned off.

Groundwater has been encountered at the Site at depths ranging from 20 to 32 feet bgs. 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 criterion in **CLASS 2**. The contaminant plume that exceeds water quality objectives is less than 250 feet in length. There is no free product. The nearest existing water supply well or surface water body is greater than 1,000 feet from the defined plume boundary. The dissolved concentration of benzene is less than 3,000 micrograms per liter ($\mu\text{g/l}$), and the dissolved concentration of MTBE is less than 1,000 $\mu\text{g/l}$.
- Petroleum Vapor Intrusion to Indoor Air Criteria – Site meets **EXCEPTION**. Exposure to petroleum vapors associated with historical fuel system releases is comparatively insignificant relative to exposures from small surface spills and fugitive vapor releases that typically occur at active fueling facilities.
- Direct Contact and Outdoor Air Exposure Criteria – Site meets **CRITERION 3 (b)**. A site-specific risk assessment of the direct contact and outdoor air exposure pathway was conducted. The assessment found that there is low risk of residual petroleum constituents adversely affecting human health. Maximum concentrations of benzene and ethylbenzene in soil are less than or equal to those listed in Table 1. The Site is paved over, preventing accidental exposure to soil.

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

6/30/14

Date

