

State Water Resources Control Board

UNDERGROUND STORAGE TANK (UST) CASE CLOSURE SUMMARY

Agency Information

Agency Name: Santa Ana Regional Water Quality Control Board	Address: 3737 Main Street, Suite 500 Riverside, CA 92501
Agency Caseworker: Ken Williams	Case No.: 083603537T

Case Information

UST Cleanup Fund (Fund) Claim No.: NA	Global ID: T0607100598
Site Name: Bear Oil Co./ Former Texaco	Site Address: 24913 Redlands Boulevard Loma Linda, CA 92354 (Site)
Responsible Party: Loma Linda University Attention: Curtis Brundage	Address: 197 East Caroline Street San Bernardino, CA 92408
Fund Expenditures to Date: NA	Number of Years Case Open: 22

GeoTracker Case Record: <http://geotracker.waterboards.ca.gov/?gid=T0607100598>

Summary

This case has been proposed for closure by the State Water Resources Control Board at the request of the Santa Ana Regional Water Quality Control Board, which concurs with closure.

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 because they pose a low threat to human health, safety, and the environment. The Site meets all of the required criteria of the Policy and therefore, is subject to closure.

The site currently operates as an active fueling facility. The unauthorized release was discovered in 1999 when two gasoline/diesel USTs of unknown capacity were uncovered and removed during station demolition and reconstruction. Soil sampling after the removal indicated elevated concentrations of petroleum constituents. A soil and groundwater investigation in August 2020 identified benzene above the water

E. JOAQUIN ESQUIVEL, CHAIR | EILEEN SOBECK, EXECUTIVE DIRECTOR

Bear Oil Co./ Former Texaco
24913 Redlands Boulevard, Loma Linda

quality objective (WQO) in one grab groundwater sample and methyl tert-butyl ether (MTBE) above the WQO from two grab groundwater samples. The plume of impacted groundwater has been defined in the downgradient direction by the sampling history of monitoring wells associated with adjacent closed LUST site Unocal #2417 (T0607100008), which consistently indicated low to non-detect concentrations of petroleum constituents in monitoring wells immediately downgradient of Bear Oil Co./Former Texaco from 2005 through 2012.

The plume of impacted groundwater is stable and decreasing. Residual impacted soil is limited in extent to the immediate former UST area and does not extend offsite. The site is an active commercial fueling facility, and the residual petroleum constituents in onsite soils do not appear to pose an unacceptable health risk. Remaining petroleum constituents are limited, stable, and decreasing. Additional assessment would be unnecessary and will not likely change the conceptual model. Any remaining petroleum constituents do not pose significant risk to human health, safety, or the environment under current conditions.

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 1**. The contaminant plume that exceeds water quality objectives is less than 100 feet in length. There is no free product. The nearest existing water supply well or surface water body is greater than 250 feet from the defined plume boundary.
- Petroleum Vapor Intrusion to Indoor Air – Site meets the **EXCEPTION** for vapor intrusion to indoor air. Exposure to petroleum vapors associated with historical fuel system releases are 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 – Site meets **Criteria 3 (a)**. Maximum concentrations of petroleum constituents in soil from confirmation soil samples are less than or equal to those listed in Table 1 of the Policy.

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Recommendation for Closure

The corrective action performed at this Site ensures the protection of human health, safety, and the environment. The corrective action performed at this Site is consistent with chapter 6.7 of division 20 of the Health and Safety Code, implementing regulations, applicable state policies for water quality control and applicable water quality control plans. Case closure is recommended.

Reviewed By:



Matthew Cohen, P.G. No. 9077
Title

5/26/2021

Date

