

State Water Resources Control Board

UNDERGROUND STORAGE TANK (UST) CASE CLOSURE SUMMARY

Agency Information

Agency Name: Los Angeles Regional Water Quality Control Board (Los Angeles Water Board)	Address: 320 West 4th Street, #200 Los Angeles, CA 90013
Agency Caseworker: Arman Toumari	Case No.: 905040261

Case Information

UST Cleanup Fund (Fund) Claim No.: N/A	Global ID: T0603701500
Site Name: Caltrans Torrance Maintenance Station	Site Address: 18101 Bailey Drive Torrance, CA 90504 (Site)
Responsible Party: California Department of Transportation Attention: Mr. Steve Chan	Address: 100 South Main Street, MS-16 Los Angeles, CA 90012
Fund Expenditures to Date: N/A	Number of Years Case Open: 20

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603701500

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 Site is currently a Caltrans maintenance station. In 1994, a diesel UST, an unleaded gasoline UST, and associated piping and dispenser island were removed. Free petroleum product was first discovered in monitoring well MW-3 in May 1999. Since the case was opened, free product has not been detected in any other monitoring well at the Site. From 2008 to 2017, 154 gallons of free product have been recovered via a skimmer system and hand bailing. Despite several years of remediation, free product remains in monitoring well MW-3. Groundwater samples from all monitoring wells except MW-3 meet water quality objectives as defined by the Los Angeles Water Board.

The free product that remains at the Site is above the water table in silty soil and above a confining clay layer. A significant dissolved-phase contaminant plume has not been detected at the Site. Additionally, Caltrans has agreed to a land use restriction at the Site. 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 3**. The contaminant plume that exceeds water quality objectives is less than 250 feet in length. Free product has been removed to the maximum extent practicable, may still be present below the Site where the release originated, but does not extend off-site. The plume has been stable or decreasing for a minimum of five years. The nearest existing water supply well or surface water body is greater than 1,000 feet from the defined plume boundary. The property owner is willing to accept a land use restriction if the regulatory agency requires a land use restriction as a condition of closure.
- Petroleum Vapor Intrusion to Indoor Air – Site meets **Criteria 2 (a), Scenario 1**. There is a bioattenuation zone that provides a separation of at least 30 feet vertically between the Light Non-Aqueous Phase Liquid in groundwater and the foundation of existing or potential buildings. Concentrations of total petroleum hydrocarbons as gasoline and diesel combined in soil are less than 100 milligrams per kilogram throughout the entire depth of the bioattenuation zone.
- 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.

Recommendation for Closure

The corrective action performed at this Site ensures the protection of human health, safety, 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.


Matthew Cohen, PG No. 9077
Senior Engineering Geologist



5/10/18
Date