

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 4 th Street, Suite 200 Los Angeles, CA 90013
Agency Caseworker: Mr. Noman Chowdhury	Case No.: R-11066

Case Information

UST Cleanup Fund (Fund) Claim No.: 9743	Global ID: T0603705011
Site Name: Tosco – 76 Station #6907	Site Address: 11025 East Washington Boulevard Whittier, CA 90606 (Site)
Responsible Party: Chevron Environmental Management Company Attention: Ms. James P. Kiernan	Address: 6101 Bollinger Canyon Road San Ramon, CA 94583
Fund Expenditures to Date: \$0	Number of Years Case Open: 22

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603705011

Summary

This case has been proposed for closure by the State Water Resources Control Board at the request of the Los Angeles Water 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. This case meets all of the required criteria of the Policy.

The Site is currently an active fueling facility. The release was discovered during site investigation activities in 1993. A total of 291 tons of impacted soil were excavated and disposed off-site during tank and product line upgrades in 1998. A soil vapor extraction (SVE) system operated at the Site for two weeks in 2003, and again from July 2009 through November 2012. The SVE system removed 67,753 pounds of petroleum constituents. An oxygen injection system operated in conjunction with the SVE system from August 2009 to November 2012.

There are no existing water supply wells or surface water bodies located within 1,000 feet of the Site. Shallow soil impacted by petroleum constituents is limited in horizontal extent to a small area completely covered by asphalt, concrete, and service station infrastructure; therefore, the

Tosco – 76 Station #6907
11025 East Washington Boulevard, Whittier, Los Angeles County

direct contact pathway is incomplete. The affected shallow groundwater is not currently used as a source of drinking water, nor is it expected to in the foreseeable future.

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 (b)**. Maximum concentrations of petroleum constituents in soil are less than levels that a site specific risk assessment demonstrates will have no significant risk of adversely affecting human health.

Although benzene, ethylbenzene, and naphthalene were detected in soil at concentrations slightly higher than the thresholds specified in Table 1 of the Policy for Commercial/Industrial scenario, the Site is paved and accidental access to soils at the Site is prevented. As an active gasoline service station, any construction worker working at the Site or adjacent to the Site will be prepared for exposure in their normal daily work.

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 the Health and Safety Code, implementing regulations, applicable state policies for water quality control and applicable water quality control plans. Case closure is recommended.



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

11/3/2015

Date

