

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: Ahmad J. Lamaa	Case No.: I-06888

Case Information

UST Cleanup Fund (Fund) Claim No.: N/A	Global ID: T0603703264
Site Name: Cerritos Community College	Site Address: 11110 Alondra Boulevard Norwalk, CA 90650 (Site)
Responsible Party: Cerritos Community College Attention: David C. Moore	Address: 11110 Alondra Boulevard Norwalk, CA 90650
Fund Expenditures to Date: N/A	Number of Years Case Open: 31

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603703264

Summary

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

The Site has operated as a community college on the border of the cities of Norwalk and Cerritos since 1955. A release was reported at the Site in December 1987 after petroleum constituents were detected during the installation of a vadose zone monitoring well in the vicinity of two 2,000-gallon gasoline USTs and one former 2,000-gallon gasoline UST reportedly removed during the 1970s. One of the gasoline USTs was removed in July 1993 and impacted soil was reportedly over-excavated to 20 feet below ground surface and disposed offsite. The second gasoline UST was removed from the Site in 2005; no impacted soil was encountered. Additionally, a former 120-gallon waste-oil UST was removed in 1988 and impacted soil was over-excavated to 9 feet bgs. A former 4,000-gallon diesel UST was removed in 1990, a former 1,000-gallon waste-oil UST was removed in 1998, and a former 280-gallon cutting-oil UST was removed in 2007. Concentrations of petroleum constituents detected in confirmation samples

and Site borings were below Policy limits at each former UST location. Methyl tertiary butyl ether exceeds water quality objectives in one monitoring well.


The very low concentrations of residual petroleum constituents at this site pose low risk via direct contact and vapor intrusion pathways. The groundwater plume exceeding WQOs is limited to one monitoring well adjacent to the former UST location. 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. 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 **Criteria 2 (a), Scenario 3**. As applicable, the extent of the bioattenuation zone, oxygen concentrations in soil gas, concentrations of total petroleum hydrocarbons as gasoline and diesel combined in soil, and dissolved concentrations of benzene in groundwater meet the Policy.
- 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




Date