

State Water Resources Control Board

UNDERGROUND STORAGE TANK (UST) CASE CLOSURE SUMMARY

Agency Information

Agency Name: Sacramento County Environmental Management Department	Address: 11080 White Rock Road, Suite 200 Rancho Cordova, CA 95670
Agency Caseworker: David Von Aspern	Case No.: G095/RO 1634

Case Information

UST Cleanup Fund (Fund) Claim No.: NA	Global ID: T0606714066
Site Name: Sacramento County Main Jail	Site Address: 651 I Street Sacramento, CA 95814 (Site)
Responsible Party Sacramento County General Services Attention: Dennis Fong	Address: 9660 Ecology Lane Sacramento, CA 95827
Fund Expenditures to Date: NA	Number of Years Case Open: 15

[GeoTracker Case Record](http://geotracker.waterboards.ca.gov/?gid=T0606714066): <http://geotracker.waterboards.ca.gov/?gid=T0606714066>

Summary

This case has been proposed for closure by the State Water Resources Control Board at the request of the Sacramento County Environmental Management Department (SCEMD), 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 is currently the Main Jail for Sacramento County. The release was discovered in March 2007 when a diesel UST failed two leak tests and repairs were made to the vent pipes and fuel lines. Contaminated soils were discovered adjacent to the UST fill bucket during the repairs. Approximately 3 cubic yards of soil were over-excavated around the fill bucket and disposed of at an offsite disposal facility. Five borings were

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

Sacramento County Main Jail, T0606714066
651 I Street, Sacramento

advanced in the vicinity of the UST in March 2009 to collect soil and groundwater samples. Low concentrations of petroleum hydrocarbons were reported in the soil samples. Water quality objectives (WQOs) were achieved for all constituents, except diesel in soil borings B-2 and B-4.

Soil sampling indicated low concentrations of petroleum constituents in a limited areal extent. Soil concentrations of petroleum constituents in the upper 10 feet of soil were below relevant policy thresholds. The residual petroleum constituents remaining in groundwater are limited in concentration and areal extent.

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.

Sacramento County Main Jail, T0606714066
651 I Street, Sacramento

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.



9/15/2022

Matthew Cohen, P.G. No. 9077
Senior Engineering Geologist

Date

