

State Water Resources Control Board

UNDERGROUND STORAGE TANK (UST) CASE CLOSURE SUMMARY

Agency Information

Current 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
Current Agency Caseworker: Mr. Noman Chowdhury	Case No.: R-00181
Former Agency Name: Los Angeles County Department of Public Works	Address: 900 South Fremont Avenue Alhambra, CA 91803-1331
Former Agency Caseworker: Ms. Rani Iyer	Case No.: 000180-000181

Case Information

UST Cleanup Fund Claim No.: N/A	Global ID: T0603730061
Site Name: Kaiser Bellflower Medical Center	Site Address: 9400 East Rosecrans Avenue Bellflower, CA 90706 (Site)
Responsible Party: Kaiser Foundation Hospital - Downey Attention: Mr. Alan Cheng	Address: 9333 Imperial Highway Downey, CA 90242
USTCF Expenditures to Date: N/A	Number of Years Case Open: 14

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603730061

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 a medical office building and parking garage. The release was discovered at the Site when petroleum constituents were detected in soil during the removal of two USTs in November 1998. The majority of impacted soil was over-excavated to a depth of 12 feet below ground surface (bgs) in October 2000. Low concentrations of petroleum constituents were detected in soil following the October 2000 over-excavation. Petroleum constituents were not reported above laboratory detection limits in soil samples collected at the Site at two feet bgs in the February 2007 site assessment.

Groundwater was not encountered to the maximum depth explored at 30 feet bgs. Depth to groundwater is estimated to be greater than 70 feet bgs. The nearest existing water supply well and surface water body are greater than 1,000 feet from the Site. Remaining petroleum constituents are limited in vertical and horizontal extent and have decreased significantly from concentrations reported in October 2000 via natural attenuation.

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.

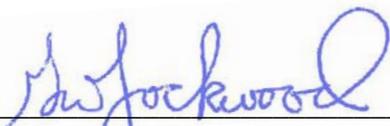
Rationale for Closure under the Policy

- General Criteria – Site **MEETS ALL EIGHT GENERAL CRITERIA** under the Policy.
- Groundwater Media-Specific Criteria – Site releases **Have Not Likely Affected Groundwater**. Soil does not contain sufficient mobile constituents (leachate, vapors, or light non-aqueous-phase liquids) to cause groundwater to exceed the groundwater criteria in this Policy.
- Petroleum Vapor Intrusion to Indoor Air – Site meets **Criteria 2 (b)**. A site-specific risk assessment for the vapor intrusion pathway was conducted and demonstrates that human health is protected to the satisfaction of the regulatory agency.
- 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.

There are no soil samples results in the case record for naphthalene. However, the relative concentration of naphthalene in soil can be conservatively estimated using the published relative concentrations of naphthalene and benzene in gasoline. Taken from Potter and Simmons (1998), gasoline mixtures contain approximately 2% benzene and 0.25% naphthalene. Therefore, benzene concentrations can be used as a surrogate for naphthalene concentrations with a safety factor of eight. Benzene concentrations from the Site are below the naphthalene thresholds in Table 1 of the Policy. Therefore, estimated naphthalene concentrations meet the thresholds in Table 1 and the Policy criteria for direct contact with a safety factor of eight. It is highly unlikely that naphthalene concentrations in the soil, if any, exceed the threshold.

Recommendation for Closure

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



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

10/9/2015

Date

