

State Water Resources Control Board

UST CASE CLOSURE REVIEW SUMMARY REPORT

Current Agency Information

Agency Name: State Water Resource Control Board (State Water Board)	Address: 1001 I Street Sacramento, CA 95814
Agency Caseworker: Matthew Cohen	Case No.: None listed

Former Agency Information

Agency Name: Los Angeles County (County)	Address: 900 South Fremont Avenue Alhambra, CA 91803
Agency Caseworker: John Awujo	Case No.: TT009332-009133

Case Information

USTCF Claim No.: 10917	GeoTracker Global ID: T0603703346
Site Name: Chevron #9-1846	Site Address: 13905 East Francisquito Avenue Baldwin Park, CA 91706
Responsible Party: Chevron Environmental Management Company Attn: Eugene Francisco	Address: 145 South State College Blvd. Suite 400 Brea, CA 92821
USTCF Expenditures to Date: \$0	Number of Years Case Open: 24

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603703346

Summary

The Low-Threat Underground Storage Tank (UST) 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. Highlights of the case follow:

This Site is a vacant lot. An unauthorized release was reported in March 1990. Four gasoline USTs were removed in June 1989 and three additional gasoline USTs were removed in December 1998. No monitoring wells have been installed and no active remediation has been conducted. This is a soil only case based on low to non-detect concentrations of petroleum hydrocarbon analytical results of soil samples reported in GeoTracker in the area beneath the former UST system.

The petroleum release is limited to the soil. According to data available in GeoTracker, there are no supply wells regulated by the California Department of Public Health or surface water bodies within 250 feet of the Site. No other water supply wells have been identified within 250 feet of the Site in files reviewed. The unauthorized release is located within the service area of

a public water system, as defined in the Policy. Any remaining petroleum hydrocarbon constituents do not pose a significant risk to human health, safety or the environment.

Rationale for Closure under the Policy

- General Criteria: The case meets all eight Policy general criteria.
- Groundwater Specific Criteria: The case meets Policy groundwater criteria. The groundwater is not impacted. There are not sufficient mobile constituents to cause groundwater to exceed groundwater criteria in the Policy based on soil analytical data (Cambria, 2006).
- Vapor Intrusion to Indoor Air: The case meets Policy Criterion 2b. Although no document titled "Risk Assessment" was found in the files reviewed, a professional assessment of site-specific risk from exposure through the vapor intrusion pathway was performed by Fund staff. The assessment found that there is no significant risk of petroleum vapors adversely affecting human health based on low to non-detect concentrations of petroleum hydrocarbon analytical results for soil samples reported in GeoTracker in the area beneath the former UST system and groundwater is estimated to be 140 feet below ground surface (bgs) in the area.
- Direct Contact and Outdoor Air Exposure: The case meets Policy Criterion 3a. Maximum concentrations in soil are less than those in Policy Table 1 for Commercial/Industrial use, and the concentration limits for a Utility Worker are not exceeded. There are no soil sample 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 percent benzene and 0.25 percent naphthalene. Therefore, benzene 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 Policy Table 1. Therefore, the estimated naphthalene concentrations meet the thresholds in Table 1 and the Policy criteria for direct contact by a factor of eight. It is highly unlikely that naphthalene concentrations in the soil, if any, exceed the threshold.

Determination

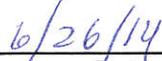
Based on the review performed in accordance with Health & Safety Code Section 25299.39.2 subdivision (a), the Fund Manager has determined that closure of the case is appropriate.

Recommendation for Closure

Based on available information, residual petroleum hydrocarbons at the Site do not pose a significant risk to human health, safety, or the environment, and the case meets the requirements of the Policy. Accordingly, the Fund Manager recommends that the case be closed. The State Water Board is conducting public notification as required by the Policy.



Lisa Babcock, P.G. 3939, C.E.G. 1235



Date

Prepared by: Kirk Larson, P.G.