

State Water Resources Control Board

UST CASE CLOSURE REVIEW SUMMARY REPORT

Agency Information

Agency Name: Central Valley Regional Water Quality Control Board, Fresno (Regional Water Board)	Address: 1685 E Street Fresno, CA 93706-2020
Agency Caseworker: John Whiting	Case No.: 5T15000821

Case Information

USTCF Claim No.: 15846	GeoTracker Global ID: T0602900774
Site Name: Freeway Liquor Store	Site Address: 2030 East Brundage Lane Bakersfield, CA 93307
Responsible Party: Lloyd G. Childers	Address: Private Address
USTCF Expenditures to Date: \$834,493	Number of Years Case Open: 16

To view all public documents for this case available on GeoTracker use the following URL:
http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602900774

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 case is an active commercial petroleum fueling facility. An unauthorized release was reported in March 1999 following the removal of five gasoline USTs in December 1998. Soil vapor extraction and air sparging were conducted intermittently between November 2002 and January 2013, which reportedly removed 419,241 pounds of total petroleum hydrocarbons as gasoline (TPHg). Since 2001, five groundwater monitoring wells have been installed and regularly monitored. There is no plume that remains in groundwater beneath the Site and has not had detections of petroleum hydrocarbons in any Site monitoring well above WQOs since 2006. According to groundwater data, water quality objectives have been achieved for all constituents.

The petroleum release is limited to the soil and shallow groundwater. According to data available in GeoTracker, there are no supply wells or surface water bodies within 250 feet of the defined plume boundary. No other water supply wells have been identified within 250 feet of the defined plume boundary in files reviewed. The unauthorized release is located in an area of public water supply, as defined in the Policy. The affected shallow groundwater is not currently being used as a source of drinking water, and it is highly unlikely that the affected shallow groundwater will be used as a source of drinking water in the foreseeable future. Other designated beneficial uses of impacted shallow groundwater are not threatened, and it is highly unlikely that they will be, considering these factors in the context of the site setting. Remaining

Freeway Liquor Store
2030 East Brundage Lane, Bakersfield
Claim No: 15846

petroleum hydrocarbon constituents are limited and stable, and concentrations are below detection limits. Corrective actions have been implemented and additional corrective actions are not necessary. 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 Criterion 1 by Class 1. This class is being used because there is no plume that remains beneath the Site and has not had detections of petroleum hydrocarbons in any Site monitoring well above WQOs since 2006.
- Vapor Intrusion to Indoor Air: The case meets the Policy Exclusion for Active Station. Soil vapor evaluation is not required because the Site is an active commercial petroleum fueling facility and the release characteristics do not pose an unacceptable health risk.
- 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.

Determination

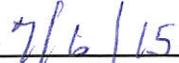
The Fund Manager has determined that corrective action performed at the Site is consistent with the requirements of Health and Safety code section 25296.10, subdivision (a), and that closure of the case is appropriate.

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. Kern County has the regulatory responsibility to supervise the abandonment of monitoring wells.



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



Date

Prepared by: Kirk Larson, P.G.