

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: City of Los Angeles (City)	Address: 200 North Main Street Suite 1780 Los Angeles, CA 90012
Agency Caseworker: Eloy Luna	Case No.: None listed

Case Information

USTCF Claim No.: 11214	GeoTracker Global ID: T0603702585
Site Name: ARCO #5200	Site Address: 8004 Lankershim Blvd. Los Angeles, CA 91605
Responsible Party: BP Products North America	Address: 6 Centerpointe Drive La Palma, CA 90623
USTCF Expenditures to Date: \$0	Number of Years Case Open: 23

To view all public documents for this case available on GeoTracker use the following URL:
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603702585

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 an active commercial petroleum fueling facility. An unauthorized release was reported in December 1990. Four gasoline USTs were removed in April 1992. Soil vapor extraction test conducted in March 2012 removed 117 pounds of total petroleum hydrocarbons as gasoline (TPHg). No groundwater monitoring wells have been installed. All vapor extraction wells were abandoned in May 2013. This is a soil only case based on the depth to groundwater and soil analytical data.

The petroleum release is limited to the soil. According to data available in GeoTracker, there are no public water supply wells or surface water bodies within 1,000 feet of the Site. No other water supply wells have been identified within 1,000 feet of the Site in files reviewed. The unauthorized release is located within the service area of a public water system, as defined by the Policy.

Rationale for Closure under the Policy

- General Criteria: The case meets all eight Policy general criteria.
- Groundwater Specific Criteria: The case meets Policy criteria. This is a soil only case. There are not sufficient mobile constituents (leachate, vapors, or light non-aqueous liquids [LNAPL]) to cause groundwater to exceed the groundwater criteria in this Policy.
- Vapor Intrusion to Indoor Air: The case, in regards to the on-Site property, meets the Policy Exclusion for an Active Commercial Petroleum Fueling Facility. 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. The case, in regards to the off-Site properties, meets the Policy Criterion 2a by Scenario 1. The minimum distance between the groundwater and all existing or potential buildings is greater than 30 feet, and the intervening soil contains less than 100 mg/kg of TPH.
- 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

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.

Lisa Babcock

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

9/21/14

Date

Prepared by: Kirk Larson, P.G.