

State Water Resources Control Board

REVIEW SUMMARY REPORT – CLOSURE

Current Agency Information

Agency Name: State Water Resources Control Board (State Board)	Address: 1101 I Street Sacramento, CA 95812
Agency Caseworker: Matthew Cohen	Case No.: Unknown

Former Agency Information

Agency Name: City of Los Angeles, Fire Department (City)	Address: 200 North Main Street, Suite 1780 Los Angeles, CA 90012
Agency Caseworker: Eloy Luna	Case No.: TT26347

Case Information

USTCF Claim No.: 19460	GeoTracker Global ID: T10000002731
Site Name: Valley Car Wash	Site Address: 7530 North Van Nuys Blvd. Van Nuys, CA 91405
Responsible Party: 4S Corporation Attn: Shahriar Shouhed	Address: 7530 Van Nuys Blvd. Van Nuys, CA 91405
USTCF Expenditures to Date: \$0	Number of Years Case Open: 5

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000002731

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 car wash and former commercial petroleum fueling facility. An unauthorized release was reported in April 2009. An unknown volume of impacted soil was excavated to a depth of 30 feet in 2008. An unknown volume of impacted soil was excavated to a depth of 30 feet in 2008. No monitoring wells have been installed and no active remediation has been conducted or required. This is a soil only case based on depth to groundwater approximately 100 feet below ground surface (bgs) and soil analytical results which show residual hydrocarbons diminish at approximately 60 feet bgs.

The petroleum release is limited to the soil. According to data available in GeoTracker, there are no public water supply wells 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 in 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 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. The Site is paved and accidental exposure to site soils is prevented. In addition, as an active car wash, there would adequate air exchange provided by the building's ventilation system required to control vehicle exhaust generated during automotive detailing.
- **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.

Objections to Closure and Responses

According to the Path to Closure page in GeoTracker, finalized on April 30, 2013, the City opposes closure because:

- Inadequate conceptual site model.
RESPONSE: Adequate data is available in GeoTracker to prepare a conceptual site model as defined by the Policy.
- Secondary Source remains.
RESPONSE: Secondary source as defined by the Policy was removed by excavation in 2008.
- Methyl tert-butyl ether (MTBE) not tested.
RESPONSE: Soil was tested for MTBE.
- The case does not meet Policy vapor criteria.
RESPONSE: The case meets Policy Criterion 2b.

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

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

9/21/14
Date

Prepared by: Kirk Larson, P.G.