

State Water Resources Control Board

UST CASE CLOSURE REVIEW SUMMARY REPORT

Agency Information

Current Agency: State Water Resources Control Board (State Water Board)	Address: 1001 I Street Sacramento, CA 95814
Agency Caseworker: Mathew Cohen	Case No.: Not Available

Former Agency: City of Los Angeles (Prior to July 1, 2013)	Address: 200 N. Main Street, Suite 1780 Los Angeles, CA 90012
Agency Caseworker: Eloy Luna	Case No.: TT9612

Case Information

USTCF Claim No.: 10121	GeoTracker Global ID: T0603718619
Site Name: World Oil Station No. 19	Site Address: 8181 Sunland Boulevard Sun Valley, CA 91352
Responsible Party: World Oil Marketing Co. Attn: John Hundley	Address: P.O. Box 1966 South Gate, CA 90280-1966
USTCF Expenditures to Date: \$490,339	Number of Years Case Open: 9

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603718619

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 September 2004 following the removal of two 12,000 gallon USTs in 1997. Soil vapor extraction was conducted between March 2009 and October 2012, and reportedly removed approximately 47,362 pounds of total petroleum hydrocarbons as gasoline (TPHg). This is a "soils only" case - groundwater was never encountered during drilling activities and depth to groundwater is estimated to be at approximately 300 feet below ground surface (LADPW, 2009). Soil contamination has not been detected greater than 230 feet below ground surface.

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 1,000 feet of the Site. No other water supply wells have been identified within 1,000 feet of the Site in files reviewed. Water is provided to water users near the Site by the City of Los Angeles Water and Power. The groundwater is not currently being used as a source of drinking water, and it is highly unlikely that the groundwater will be used as a source of drinking water in the foreseeable future. Other designated beneficial uses of groundwater are not threatened, and it is highly unlikely that they will be, considering these factors in the context

of the site setting. Remaining petroleum hydrocarbon constituents are limited and stable, and concentrations are decreasing. 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 criteria. 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. Groundwater is estimated at 300 feet below ground surface (LADPW, 2009). The deepest soil impact was identified at 230 feet below surface with an MTBE concentration of 0.0025 mg/kg, followed by an additional 20 feet of no impact zone to 250 feet below surface – the greatest depth explored.
- 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.

Objections to Closure and Responses

In a May 7, 2013 letter documented in GeoTracker, City of Los Angeles required confirmation soil sampling to demonstrate the effectiveness of the remedial work at the Site.

RESPONSE: Based on the September 2013 soil confirmation results, the UST removal and soil vapor extraction activities had removed the secondary source. The case meets all Policy criteria and does not pose a significant risk to human health.

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: Mark Owens, P.E.