

State Water Resources Control Board

UST CASE CLOSURE REVIEW SUMMARY REPORT

Agency Information

Agency Name: Los Angeles Regional Water Quality Control Board (Regional Water Board)	Address: 320 West 4 <sup>th</sup> Street, Suite 200, Los Angeles, CA 90013
Agency Caseworker: Ahmad Lamma	Case No.: R-10845

Case Information

USTCF Claim No.: 4221	GeoTracker Global ID: T0603704970
Site Name: G&M Oil #15	Site Address: 17106 Bellflower Boulevard Bellflower, CA 90706
Responsible Party: G&M Oil Company Attn: Jennifer Talbert	Address: 16868 A Street, Huntington Beach, CA 92647
USTCF Expenditures to Date: \$799,547	Number of Years Case Open: 22

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=T0603704970](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603704970)

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 January 1992 following the discovery of soil and groundwater contamination during a site investigation in June 1991. Soil vapor extraction was conducted between August 2000 and December 2002, which reportedly removed 20,837 pounds of total petroleum hydrocarbons as gasoline (TPHg). Groundwater extraction was conducted between February 2007 and June 2013, removing 2.8 million gallons of contaminated groundwater. Air sparging was conducted between December 2006 and June 2013. Since 1995, nine groundwater monitoring wells have been installed and monitored regularly. According to GeoTracker data, water quality objectives have been achieved or nearly achieved for all constituents except benzene and methyl tert-butyl ether (MTBE) in MW-2.

The petroleum release is limited to the soil and shallow groundwater. According to data available in GeoTracker, there are no public water supply wells or surface water bodies within 1,000 feet of the projected plume boundary. No other water supply wells have been identified within 1,000 feet of the projected plume boundary in files reviewed. The unauthorized release is located within the service area of a public water system, 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 groundwater are not threatened, and it is highly unlikely

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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 Criterion 1 by Class 2. The contaminant plume that exceeds water quality objectives is less than 250 feet in length. There is no free product. The nearest water supply well or surface water body is greater than 1,000 feet from the projected plume boundary. The dissolved concentration of benzene is less than 3,000 micrograms per liter ( $\mu\text{g/L}$ ) and the dissolved concentration of MTBE is less than 1,000  $\mu\text{g/L}$ .
- 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 Risk from Residual Petroleum Hydrocarbons: This case meets Policy Criterion 3b. Although no document titled "Risk Assessment" was found in the files reviewed, a professional assessment of site-specific risk from exposure through the direct exposure pathway was performed by Fund staff. The assessment of site-specific risk from potential exposure to residual soil contamination found that maximum concentrations of petroleum constituents remaining in soil will have no significant risk of adversely affecting human health. The Site is paved and accidental exposure to site soils is prevented. Any construction crew performing subsurface work will, per the requirements of Title 8 of the California Code of Regulations, be prepared to deal appropriately with environmental hazards anticipated or encountered in their normal daily work. The presence of residual contamination should be taken into account when issuing and executing excavation or building or other permits at the Site, including but not limited to the inclusion of a competent person in the work crew. The local building permitting agency has been informed of the existence of this environmental case.

#### **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.

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**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. Los Angeles County has the regulatory responsibility to supervise the abandonment of monitoring wells.

*Lisa Babcock*

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

*7/6/15*

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Date

Prepared by: Kirk Larson, P.G.