

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 th Street, Suite 200 Los Angeles, CA 90013
Agency Caseworker: Maryam Taidy	Case No.: R-11706

Case Information

USTCF Claim No.: 14563	GeoTracker Global ID: T0603705065
Site Name: OTY, Incorporated	Site Address: 16820 South Figueroa St. Gardena, CA 90248
Responsible Party: Anthony Yumori OTY WC	Address: 16820 South Figueroa Street Gardena, CA 90248
USTCF Expenditures to Date: \$1,478,793	Number of Years Case Open: 15

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=T0603705065

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 topsoil blending facility. An unauthorized release was reported in June 1999 following the removal of two USTs (one gasoline, one diesel) that had been in use from 1974 to 1989. High vacuum dual-phase extraction (HVDPE) remediation was conducted between January 2002 and December 2005 and removed 33,916 pounds of hydrocarbons. Following a June 2005 pilot test combining HVDPE with air sparging, an ozone sparging system was installed and operated between December 2006 and May 2013. Furthermore, a total of 3,650 gallons of a chemical oxidant was injected in the subsurface on and off the site from May 2010 through March 2012. Active remediation has not been conducted at the Site for the past year. Since 1999, 13 groundwater monitoring wells and two remediation wells have been installed and irregularly monitored, and one well was replaced. According to available groundwater data, water quality objectives have not been achieved, however, the remaining groundwater plume is stable.

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 defined plume boundary. No other water supply wells have been identified within 1,000 feet of the defined 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 the affected 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 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 defined plume boundary. The dissolved concentration of benzene is less than 3,000 micrograms per liter ($\mu\text{g/L}$), and the dissolved concentration of methyl tertiary butyl ether (MTBE) is less than 1,000 $\mu\text{g/L}$.
- Vapor Intrusion to Indoor Air: This 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 potential exposure to petroleum constituents was performed by Fund staff. The assessment found that there is no significant risk of petroleum vapors adversely affecting human health. The groundwater is more than 30 feet below surface. The minimum distance between the groundwater containing greater than 1,000 $\mu\text{g/L}$ benzene and all existing or potential buildings is greater than 30 feet. In addition, the land use above the highest benzene concentrations in groundwater is open air storage yards for topsoil and roofing materials; there are no structures in this area into which vapors could migrate.
- Direct Contact and Outdoor Air Exposure: 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 potential exposure to residual soil contamination was completed by Fund staff. The results of the assessment found that maximum concentrations of petroleum constituents remaining in soil will have no significant risk of adversely affecting human health. The UST release and the remaining contaminant plume are located beneath the topsoil and roofing material storage yards. 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

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.

OTY, Incorporated
16820 South Figueroa Street, Gardena
Claim No: 14563

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 Regional Water Board has the regulatory responsibility to supervise the abandonment of monitoring wells.

Lisa Babcock

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

7/9/15

Date

Prepared by: James Young, RCE