UST CASE CLOSURE REVIEW SUMMARY REPORT

Agency Information

Agency Name: Central Valley Regional Water Quality Control Board (Regional Water Board)	Address: 1685 E Street Fresno, CA 93706
Agency Caseworker: John Whiting	Case No.: 5T16000006

Case Information

USTCF Claim No.: 17216	GeoTracker Global ID: T0603100007
Site Name: Corcoran Irrigation District	Site Address: 1150 6-1/2 Avenue Corcoran, CA 93212
Responsible Party: Corcoran Irrigation District	Address: PO Box 566 Corcoran, CA 93212
USTCF Expenditures to Date: $51,596	Number of Years Case Open: 16

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=T0603100007

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 irrigation district supply yard and commercial petroleum fueling facility. An unauthorized release was reported in August 1998 following the removal of one UST and three aboveground storage tanks (ASTs). The USTs were located in the central portion of the property near the eastern boundary. Since 2004, nine groundwater monitoring wells have been installed and monitored. According to groundwater data, water quality objectives have been achieved or nearly achieved except benzene and methyl tert-butyl ether (MTBE).

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 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.

Corcoran Irrigation District
1150 6-1/2 Ave, Corcoran
Claim No: 17216

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 (µg/L) and the dissolved concentration of MTBE is less than 1,000 µg/L.
- Vapor Intrusion to Indoor Air: The case meets Policy Criterion 2a by Scenario 3b. The maximum benzene concentration in groundwater is less than 1,000 µg/L. The minimum depth to groundwater is greater than 10 feet, overlain by soil containing less than 100 milligrams per kilogram (mg/kg) of TPH.
- 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. Shallow perched groundwater and the UST excavation suggest limited remaining petroleum fuel contamination. The results of the assessment found that maximum concentrations of petroleum constituents remaining in soil will likely have no significant risk of adversely affecting human health. Any construction crew performing subsurface work will 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.

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

Lisa Babcock — 7/6/15

Lisa Babcock, P.G. 3939, C.E.G. 1235 — **Date**

Prepared by: Walter Bahm, P.E.

Objection for Closure for
Corcoran Irrigation District, Located at 1150 6$^{1/2}$ Avenue, Corcoran
Claim 17216

The Regional Water Board staff were invited to discuss the State Water Board staff recommendation of closure for the Site on September 17, 2014. The Regional Water Board staff agreed the UST portion of the case was ready for closure.