

## State Water Resources Control Board

### UST CASE CLOSURE REVIEW SUMMARY REPORT

#### Agency Information

Agency Name: Santa Ana Regional Water Quality Control Board, Region 8 (Regional Water Board)	Address: 3737 Main Street, Suite 500, Riverside, CA 92501
Agency Caseworker: Tom Mbeke-Ekanem	Case No.: 083001885T

#### Case Information

USTCF Claim No.: 7292	GeoTracker Global ID: T0605901406
Site Name: Marine Property	Site Address: 2045 West Commonwealth Avenue, Fullerton, CA 92632
Responsible Party (RP): Fayez Sedrak & Reda Wasef	Address: Private residence
USTCF Expenditures to Date: \$818,926	Number of Years Case Open: 21

URL: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0605901406](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901406)

#### 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 leak was reported in August 1991 following the removal of USTs (four gasoline, one waste oil). Approximately 600 cubic yards of contaminated soil were excavated and removed from site in 1991. Three groundwater monitoring wells have been installed and have been monitored regularly for more than 13 years. According to groundwater data, water quality objectives have been achieved or nearly achieved for all constituents except for benzene, ethylbenzene 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 water supply wells within 250 feet of the defined plume boundary. No other water supply wells have been identified within 250 feet of the defined plume boundary in files reviewed. The unauthorized release is located in an area of public water supply, 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 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 1. The contaminant plume that exceeds water quality objectives is less than 100 feet in length. There is no free product. The nearest water supply well or surface water body is greater than 250 feet from the defined plume boundary.
- 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 release characteristics cannot be reasonably believed to pose an unacceptable health risk.
- Direct Contact and Outdoor Air Exposure: 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 Site is paved and accidental access 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.

**Objections to Closure and Responses**

According to the GeoTracker Case Reviews page, the Regional Water Board objects to UST case closure because water quality objectives have not been achieved.

RESPONSE: The Policy does not require requisite level of water quality be met at the time of closure; it specifies compliance with cleanup goals and objectives within a reasonable time frame. The case meets the Policy criteria and does not pose a significant risk to human health, safety, or the environment.

**Determination**

The Fund Manager has determined that corrective action at the Site is consistent with the requirements of Health & 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. The Fund Manager recommends that the case be closed. The State Water Board is conducting public notification as required by the Policy. Orange County has the regulatory responsibility to supervise the abandonment of monitoring wells.

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

*8/29/14*  
Date

Prepared by: Kirk Larson