

## State Water Resources Control Board

### UST CASE CLOSURE SUMMARY

#### Agency Information

Current Agency Name: State Water Resources Control Board (State Water Board)	Address: 1001 I Street, P.O. Box 2231 Sacramento, CA 95812
Current Agency Caseworker: Mr. Matthew Cohen	Case No.: N/A

Former Agency Name: Los Angeles County Department of Public Works (Prior to 7/1/2013)	Address: 900 South Fremont Avenue Alhambra, CA 91803
Former Agency Caseworker: Mr. John Awujo	Case No.: TT008448-010710

#### Case Information

USTCF Claim No.: 5194	Global ID: T0603703651
Site Name: LA Co DPW Road RD 417	Site Address: 19865 East Walnut Drive South Walnut, CA 91789 (Site)
Responsible Party: Los Angeles County Department of Public Works Attention: Mr. Don Eliason	Address: 900 South Fremont Avenue Alhambra, CA 91803
USTCF Expenditures to Date: \$0	Number of Years Case Open: 24

URL: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603703651](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603703651)

#### Summary

The Low-Threat Underground Storage Tank 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.

The release at the Site was discovered when three underground storage tanks (USTs) and product piping were replaced in May 1989. Initial sampling indicated concentrations of petroleum constituents in soil from 10 to 20 feet below ground surface (bgs). Petroleum-impacted soil was over-excavated to a depth of 20 to 25 feet bgs. Three USTs at the Site were replaced in February 2004. Sampling indicated concentrations of petroleum constituents at 2 feet bgs. A subsurface investigation was performed at the Site in November 2004 and petroleum constituents were detected at 5 feet bgs. Groundwater samples were collected during the 2004 subsurface investigation and methyl tert-butyl ether (MTBE) exceeded water quality objectives (WQOs). In the most recent groundwater samples, collected in July 2006, MTBE was below WQOs. The Site is operated as a maintenance yard for the Los Angeles County Department of Public Works. The Site is currently an active fueling facility.

Groundwater was encountered at the Site between 18 and 25 feet bgs. The nearest public supply well is greater than 1,000 feet from the estimated plume boundary. The nearest surface water body is 900 feet from the estimated plume boundary. Additional corrective action will not likely change the conceptual site model. Residual remaining petroleum constituents pose a low risk to human health, safety, and the environment.

**Rationale for Closure under the Policy**

- General Criteria – Site **MEETS ALL EIGHT GENERAL CRITERIA** under the Policy.
- Groundwater Media-Specific Criteria – Site meets the criterion in **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.
- Petroleum Vapor Intrusion to Indoor Air Criteria – Site meets **EXCEPTION**. The case meets the Policy Exception for an Active Facility. 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. Exposure to petroleum vapors associated with historical fuel system releases is comparatively low relative to exposures from small surface spills and fugitive vapor releases that typically occur at active fueling facilities.
- Direct Contact and Outdoor Air Exposure Criteria – Site meets **CRITERION 3 (a)**. Maximum concentrations in soil are less than those in Policy Table 1 for residential use, and the concentration limits for a Utility Worker are not exceeded. Although there does not appear to be poly-aromatic hydrocarbon (PAH) data in the Site documents, very low-level detections of petroleum hydrocarbons in shallow soil at the time of the waste oil UST removal indicate that it is unlikely the PAH levels would exceed the direct contact criteria in this Policy.

**Recommendation for Closure**

The corrective action performed at this Site ensures the protection of human health, safety, and the environment, and is consistent with chapter 6.7 of the Health and Safety Code and implementing regulations, applicable state policies for water quality control, and the applicable water quality control plan, and case closure is recommended.



George Lockwood, PE No. 59556  
Senior Water Resource Control Engineer

4/21/14

Date

