

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 95812-2231
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. Iheanacho Ofo	Case No.: TT008575-015520

Case Information

USTCF Claim No.: None	Global ID: T10000000524
Site Name: FAA Palmdale ARTCC	Site Address: 2555 East Avenue P Palmdale, CA 93550 (Site)
Responsible Party: Federal Aviation Administration (FAA)	Address: 2555 East Avenue P Palmdale, CA 93550
USTCF Expenditures to Date: N/A	Number of Years Case Open: 15

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000000524

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 Site is operating as an FAA Air Route Traffic Control Center (ARTCC). A childcare facility is also located at the Site.

An earlier LUST case, FAA Dept of Transportation (T0603700375), was opened at the Site in 1992 and closed in 1996. Two diesel USTs and associated product piping, were removed from the Site in March 1995 and replaced with above ground storage tanks. After several investigations, it was determined that the contamination associated with these two USTs was caused by overfill, and not by leaking USTs or piping. Approximately 545 cubic yards of soil were over-excavated and sent for off-site disposal, and a no further action letter was issued in 1996.

FAA Palmdale ARTCC
2555 East Avenue P, Palmdale, Los Angeles County

The release was discovered when two waste oil underground storage tanks (USTs) were removed from the Site in July 1998. Sample results indicated that low-level petroleum constituents, below Policy criteria, were present beneath the former USTs. Petroleum constituents were detected in the stockpile samples. Approximately 17.8 tons of soil were sent for off-site disposal.

Groundwater was not encountered during Site activities. Depth to groundwater at the Site is estimated to be greater than 400 feet below ground surface (bgs). The nearest public supply well and surface water body are greater than 1,000 feet from the Site. Remedial actions have been implemented and further remediation is not necessary. Additional corrective action will not likely change the conceptual site model. Any residual 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 releases **HAVE NOT LIKELY AFFECTED GROUNDWATER**. There are not sufficient mobile constituents (leachate, vapors, or light non-aqueous-phase liquids) to cause groundwater to exceed the groundwater criteria.
- Petroleum Vapor Intrusion to Indoor Air Criteria – Site meets **CRITERION (2) b**. A site-specific risk assessment for the vapor intrusion pathway was conducted. The assessment found that there is a low risk of petroleum vapors adversely affecting human health. Benzene was not detected in the vicinity of the waste oil USTs. Total petroleum hydrocarbon (TPH) concentrations remaining in Site soil are less than 100 milligrams per kilogram (mg/kg).
- Direct Contact and Outdoor Air Exposure Criteria – Site meets **CRITERIA (3) a**. Maximum concentrations of residual petroleum constituents in soil are less than or equal to those listed in Table 1. 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

8/20/14

Date

