

## 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.: 009525-009341

#### Case Information

USTCF Claim No.: None	Global ID: T10000001881
Site Name: CA Army National Guard	Site Address: 5300 East Bandini Boulevard Bell, CA 90201 (Site)
Responsible Party: California Army National Guard Attention: Mr. Bruce Brownlow	Address: 5300 East Bandini Boulevard Bell, CA 90201
USTCF Expenditures to Date: N/A	Number of Years Case Open: 4

URL: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T10000001881](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000001881)

#### 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 two underground storage tanks (USTs), associated dispensers, and product piping were removed in December 2009. Petroleum constituents were detected at 14 feet below ground surface (bgs) beneath the former USTs and at a depth of 2.5 feet bgs beneath one of the former dispensers. Following the UST removal, approximately 266 tons of petroleum-impacted soil were transported off-site for disposal.

In April 2010, a Phase II investigation was performed at the Site. Eleven soil borings were constructed to depths ranging from 45 to 65 feet bgs. Petroleum constituents were detected in samples collected at depths from 10 to 40 feet bgs.

CA Army National Guard  
5300 East Bandini Boulevard, Bell, Los Angeles County

A soil vapor extraction (SVE) system was installed at the Site in January 2012 and was still operating as of October 2013. The SVE system removed approximately 595 pounds of contaminants from the Site between February 2012 and March 2013. Four confirmation soil borings were constructed to 43 feet bgs in August 2013 and indicated the impact to soil had been reduced to minor concentrations of petroleum hydrocarbons at depths between 15 and 40 feet bgs.

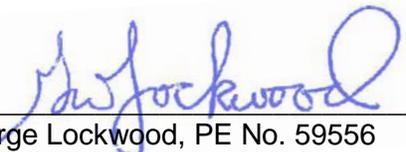
The Site is operated as a California Army National Guard facility for light vehicle and equipment maintenance. Groundwater was not encountered to the maximum depth explored at the Site (100 feet bgs). The nearest public supply well and surface water body are greater than 1,000 feet from the Site. Additional corrective action will not likely change the conceptual site model. 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 in this Policy.
- 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. Residual petroleum constituents remaining in the soil are located at least 20 feet from an enclosed structure. Additionally, volatile organic compounds (VOC) were not detected in soil samples in 2013, and the limited extent of residual petroleum hydrocarbons in the subsurface are unlikely to impact Site users through the indoor vapor intrusion pathway.
- Direct Contact and Outdoor Air Exposure Criteria – Site meets **CRITERION (3) a**. Maximum concentrations of residual petroleum constituents in soil are less than or equal to those listed in Table 1.

### 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

8/21/14

Date

