

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 City Fire Department (Prior to 7/1/2013)	Address: 200 North Main Street, Suite 1780 Los Angeles, CA 90012
Former Agency Caseworker: Mr. Eloy Luna	Case No.: TT32280

Case Information

USTCF Claim No.: None	Global ID: T0603741353
Site Name: 7-Eleven Store #20336	Site Address: 16929 Roscoe Boulevard (Site) Los Angeles, CA 91325
Responsible Party: 7-Eleven, Inc. Attention: Mr. Ken Hilliard	Address: P.O. Box 711 Dallas, TX 75211-0711
USTCF Expenditures to Date: N/A	Number of Years Case Open: 10

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603741353

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 during the removal of three (3) 12,000-gallon, single-walled fiberglass underground storage tanks (USTs) in December 2003. Confirmation sampling indicated concentrations of petroleum constituents in soil near the former dispenser islands, and in the former UST excavation. Approximately 149 tons of petroleum impacted soil were removed and transported off-Site for disposal.

Groundwater was not encountered to the maximum depth explored at the Site (95 feet below ground surface (bgs)). At a minimum, there is a 25 foot separation between residual contamination in soil and groundwater. The nearest public supply well to the Site is reported to be Well 4809/4809A, approximately 0.9 miles south-southwest of the Site. Bull Creek, a concrete-lined channel, is approximately 1,900 feet east of the Site. The extent of soil contamination is vertically and horizontally delineated and does not pose a significant risk either to the inhabitants of on-Site buildings,

7-Eleven Store #20336
16929 Roscoe Boulevard, Los Angeles

groundwater, or surface water. Additional corrective action will not likely change the conceptual site model. Residual petroleum constituents do not pose significant risk to human health, safety, or 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 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) a, Scenario 2** of the Petroleum Vapor Intrusion to Indoor Air Criteria. The depth to groundwater is estimated to be approximately 95 feet bgs, and TPH has not been reported in excess of 100 mg/kg within the 30-foot bioattenuation zone.
- Direct Contact and Outdoor Air Exposure Criteria – Site meets **CRITERION (3) a**. Maximum concentrations of petroleum constituents in soil are less than or equal to those listed in Table 1. The estimated naphthalene concentrations in soil meet the thresholds in Table 1 and the Policy criteria for direct contact with a safety factor of eight. It is highly unlikely that naphthalene concentrations in the soil, if present, exceed the threshold.

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

2/21/14

Date

