

State Water Resources Control Board

UST CASE CLOSURE SUMMARY

Agency Information

Agency Name: Los Angeles Regional Water Quality Control Board (Los Angeles Water Board)	Address: 320 West 4 th Street, Suite 200 Los Angeles, CA 90013
Agency Caseworker: Mr. Noman Chowdhury	Case No.: R-21809

Case Information

USTCF Claim No.: N/A	Global ID: T0603718047
Site Name: Circle K Stores #5230	Site Address: 16408 Orange Avenue Paramount, CA 90723 (Site)
Responsible Party: Phillips 66 Attention: Ms. Sharon Evans	Address: 3900 Kilroy Airport Way, Suite 201 Long Beach, CA 90806
USTCF Expenditures to Date: \$0	Number of Years Case Open: 17

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603718047

Summary

This case has been proposed for closure by the State Water Resources Control Board at the request of the Los Angeles Water Board, which concurs with closure.

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 currently an active fueling facility. The release at the Site was discovered when petroleum constituents were detected in soil samples obtained during the underground storage tank (UST) and piping upgrade in May 1998. A total of 95 tons of impacted soil were removed from the Site at this time. During the USTs replacement in January 2015, three USTs, two fuel dispensers, associated product and vent line piping, and 210 tons of petroleum impacted soil were removed from the Site.

Petroleum constituents were not detected in the groundwater samples collected in 1998 and 2014, except for a low detection of toluene in the 1998 groundwater sample. The depth to groundwater is 24 feet below ground surface. The nearest existing water supply well and surface water body are greater than 1,000 feet from the Site. Remaining petroleum constituents

Circle K Stores #5230
16408 Orange Avenue, Paramount

are limited, stable, and decreasing. Additional assessment would be unnecessary and will not likely change the conceptual model. Any remaining petroleum constituents do not pose significant risk to human health, safety, or the environment under current conditions.

Rationale for Closure under the Policy

- General Criteria – Site **MEETS ALL EIGHT GENERAL CRITERIA** under the Policy.
- Groundwater Media-Specific Criteria – Site meets the criteria 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 existing water supply well or surface water body is greater than 250 feet from the defined plume boundary.
- Petroleum Vapor Intrusion to Indoor Air – Site meets the **EXCEPTION** for vapor intrusion to indoor air. Exposure to petroleum vapors associated with historical fuel system releases are comparatively insignificant relative to exposures from small surface spills and fugitive vapor releases that typically occur at active fueling facilities.
- Direct Contact and Outdoor Air Exposure – Site meets **Criteria 3 (a)**. Maximum concentrations of petroleum constituents in soil from confirmation soil samples are less than or equal to those listed in Table 1 of the Policy.

Recommendation for Closure

The corrective action performed at this Site ensures the protection of human health, safety, 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

08/26/2015

Date

