

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: 221 North Figueroa Street, Suite 1500 Los Angeles, CA 90012
Former Agency Caseworker: Mr. Patrick Killian	Case No.: TTXS0001642

Case Information

USTCF Claim No.: None	Global ID: T0603719238
Site Name: City of LA – WLA Maintenance Yard	Site Address: 11168 West Missouri Avenue Los Angeles, CA 90025 (Site)
Responsible Party: City of Los Angeles Attention: Mr. Michael Mulhern	Address: 11168 West Missouri Avenue Los Angeles, CA 90025
USTCF Expenditures to Date: N/A	Number of Years Case Open: 13

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603719238

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 an underground storage tank (UST), fuel dispenser, and the associated piping were removed in 2000. Soil samples from beneath the dispenser indicated the presence of petroleum constituents. An investigation completed in 2002, indicated that petroleum constituents were detected below Policy criteria down to 30 feet below ground surface (bgs). The Site is currently operated as an active maintenance facility for Los Angeles City Bureau of Sanitation.

Groundwater was not encountered during the investigations to 30 feet bgs; however, based upon historical information from a nearby site, depth to water is estimated to be present approximately 62 feet bgs. The nearest public supply well and surface water body are greater than 1,000 feet from the

City of LA – WLA Maintenance Yard
11168 West Missouri Avenue, Los Angeles, Los Angeles County

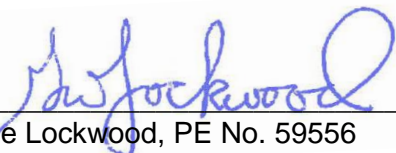
Site. The excavation was filled with clean fill and paved over with **asphalt**. **Additional corrective actions will not likely change the conceptual site model.**

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 the Policy.
- Petroleum Vapor Intrusion to Indoor Air Criteria – Site meets **CRITERION 2 (b)**. A site-specific risk assessment of the vapor intrusion pathway was conducted. The assessment found that there is a low risk of petroleum vapors adversely affecting human health. Petroleum constituent concentrations appear to be minor and localized.
- 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 Commercial/Industrial use. The estimated naphthalene concentrations are less than the thresholds in Table 1 of the Policy for direct contact. There are no soil sample results in the case record for naphthalene. However, the relative concentration of naphthalene in soil can be conservatively estimated using the published relative concentrations of naphthalene and benzene in gasoline. Taken from Potter and Simmons (1998), gasoline mixtures contain approximately 2% benzene and 0.25% naphthalene. Therefore, benzene concentrations can be used as a surrogate for naphthalene concentrations with a safety factor of eight. Benzene concentrations from the Site are below the naphthalene thresholds in Table 1 of the Policy. Therefore, estimated naphthalene concentrations meet the thresholds in Table 1 of the Policy criteria for direct contact with a safety factor of eight. It is highly unlikely that naphthalene concentrations in the soil, if any, 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.



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Senior Water Resource Control Engineer

06/24/2014

Date

