

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.: N/A

Case Information

USTCF Claim No.: None	Global ID: T0603701642
Site Name: Harbor District Facilities	Site Address: 1400 North Gaffey Los Angeles, CA 90025 (Site)
Responsible Party: City of Los Angeles Attention: Mr. Michael Mulhern	Address: City of Los Angeles Department of Public Works 1149 South Broadway, Suite 120 Los Angeles, CA 90015-2213
USTCF Expenditures to Date: N/A	Number of Years Case Open: 23

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603701642

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 in 1989 during a Site assessment to evaluate residual petroleum contamination from three underground storage tanks (USTs) that were removed in 1988 and replaced with two USTs, one 10,000 gallon gasoline and one 10,000 gallon diesel. In March 1993 the UST were replaced again with a 10,000 gallon gasoline tank and a 10,000 gallon diesel tank. As a result of the 1989 assessment, it was estimated that 630 cubic yards of soil were contaminated with petroleum hydrocarbons. No soil removal was reported at that time.

A second release in a new area was discovered when two USTs were removed in January 1991. Samples taken from beneath the tanks indicated the presence of petroleum hydrocarbons. The excavation was backfilled with an unknown material.

Harbor District Facilities
1400 North Gaffey Street, San Pedro, Los Angeles County

A bioventing system was installed in 2003 to remediate the release discovered in 1989 and was active and monitored at least through 2006.

The Site is operated as a city yard for refuse trucks with an active fueling facility. Groundwater was not encountered in any of the borings to the total depth investigated 31 feet below ground surface (bgs). Monitoring wells installed at the Site show measured depth to water of approximately 70 feet bgs. The soil does not contain sufficient mobile constituents to cause groundwater to exceed water quality objectives.

Remedial actions have been implemented, and further remediation is not necessary. 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 do not appear to be 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) a, Scenario 3**. The maximum benzene concentration in groundwater is less than 100 micrograms per liter ($\mu\text{g/L}$). The minimum depth to groundwater is greater than 5 feet, overlain by soil containing less than 100 milligrams per kilogram (mg/kg) total petroleum hydrocarbons (TPH).
- Direct Contact and Outdoor Air Exposure Criteria – Site meets **CRITERION (3) b**. A site-specific risk assessment for the potential exposure to residual soil contamination was conducted. The assessment found that maximum concentrations of petroleum constituents remaining in soil have a low risk of adversely affecting human health. The Site is paved, and accidental exposure to Site soil is prevented. Therefore, the direct contact and outdoor air pathways are incomplete. The Site meets Table 1 criteria for utility worker exposure.

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

08/25/2014
Date

