

State Water Resources Control Board

UST CASE CLOSURE SUMMARY

Agency Information

Current Agency Name: Los Angeles Regional Water Quality Control Board	Address: 320 West 4 th Street, Suite 200 Los Angeles, CA 90013
Current Agency Caseworker: Ms. Maryam Taidy	Case No.: 907310516

Case Information

USTCF Claim No.: None	Global ID: T0603781851
Site Name: Pazco Facility	Site Address: 991 Barracuda Street Terminal Island, CA 90731 (Site)
Responsible Party: Port of Los Angeles, Environmental Management Division Attention: Mr. Ralph Appy	Address: 452 South Palos Verdes Street San Pedro, CA 90731
USTCF Expenditures to Date: N/A	Number of Years Case Open: 13

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603781851

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.

Residual petroleum constituents at the Site were discovered during the underground storage tank (UST) removal in October 2002. Impacted soil beneath the former UST was over-excavated to groundwater at approximately 16 feet below ground surface (bgs) and transported off-site for disposal during the UST removal.

Low concentrations of petroleum constituents were detected in soil samples collected between five and nine feet bgs near the former UST during a subsurface investigation in August 2006. Four soil borings were constructed at the Site for groundwater monitoring well installation in 2007. Soil samples were collected at six feet bgs in each of the borings and very low concentrations of petroleum constituents were detected.

Methyl tert-butyl ether and other oxygenates have never been detected in any groundwater monitoring wells. Benzene has been close to the water quality objective (WQO) in all groundwater monitoring wells. The Site is currently an abandoned warehouse. Depth to groundwater was estimated to be nine feet bgs.

Pazco Facility
991 Barracuda Street, Terminal Island, Los Angeles County

The nearest public water supply well is greater than 1,000 feet from the Site. Fish Harbor (part of the Los Angeles Harbor) is located approximately 450 feet southwest of 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 meets the criteria in **CLASS 1**. The contaminant plume that exceeds the WQOs 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 Criteria – Site meets **CRITERION 2 (a)**. The maximum benzene concentration in groundwater is less than 100 µg/L. The bioattenuation zone provides a separation of at least ten feet vertically between the dissolved phase benzene and the foundation of existing or potential building and contains total petroleum hydrocarbons less than 100 mg/kg throughout the entire depth of the bioattenuation zone.
- 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 of the Policy.

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

3/6/2015

Date

