

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: City of Long Beach (Prior to 7/1/2013)	Address: 2525 Grand Avenue Long Beach, CA 90815
Former Agency Caseworker: Ms. Carmen Piro	Case No.: TTPR0020942

Case Information

USTCF Claim No.: None	Global ID: T10000004637
Site Name: ABM Fuel Dock	Site Address: 227 North Marina Drive Long Beach, CA 90803 (Site)
Responsible Party: City of Long Beach Attention: Mr Steve Aichle	Address: 235 East Broadway #706 Long Beach, CA 90802
USTCF Expenditures to Date: N/A	Number of Years Case Open: 1

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000004637

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 2013, when three underground storage tanks (USTs) were closed in place. The USTs were filled with concrete slurry. Minor concentrations of petroleum constituents, below Policy criteria, were identified at 13 feet below ground surface (bgs) in confirmation samples collected after closure in place of the USTs.

Groundwater was encountered at 8 feet during confirmation sampling. Groundwater at the Site is tidally influenced and highly saline, with depth to water that varies from 6 to 10 feet bgs. The nearest public supply well is located greater than 1,000 feet from the Site. The nearest surface water, Alamitos Bay, is located approximately 30 feet from the closed in place USTs. 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 criterion in **CLASS 5**. The contaminant plume that exceeds water quality objectives is less than 100 feet in length. There is no free product. The nearest water supply well is greater than 1,000 feet from the defined plume boundary. The nearest surface water body is approximately 15 feet from the closed in place tank location. The regulatory agency determines, based on an analysis of Site specific conditions, which under current and reasonably anticipated near-term future scenarios, the contaminant plume poses a low threat to human health and safety and to the environment and water quality objectives will be achieved within a reasonable time frame. Furthermore, groundwater at the Site is saline and unsuitable for public supply.
- Petroleum Vapor Intrusion to Indoor Air Criteria – Site meets the **EXCEPTION**. Exposure to petroleum vapors associated with historical fuel system releases is comparatively low relative to exposures from small surface spills and fugitive vapor releases that typically occur at active fueling facilities.
- Direct Contact and Outdoor Air Exposure Criteria – Site meets **CRITERION (3) b**. A site-specific risk assessment of the direct contact and outdoor air exposure pathway was conducted. The assessment found that there is a low risk of residual petroleum constituents adversely affecting human health. Volatile organic compounds were not detected in confirmation soil samples collected at the Site at a depth of 15 feet bgs. In addition, the Site is paved and accidental exposure to Site soils is prevented.

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

7/8/14

Date

