

State Water Resources Control Board

UST CASE CLOSURE SUMMARY

Agency Information

Agency Name: State Water Resources Control Board (State Water Board)	Address: 1001 I Street, P.O. Box 2231 Sacramento, CA 95812
Agency Caseworker: Mr. Matthew Cohen	Case No.: Not Applicable

Agency Name: City of Los Angeles Fire Department	Address: 200 North Main Street Los Angeles, CA 90012
Agency Caseworker: Mr. Eloy Luna	Case No.: Not Applicable

Case Information

USTCF Claim No.: None	Global ID: T0603755459
Site Name: Asia Auto Repair	Site Address: 14550 Sylvan Street Van Nuys, CA 91411 (Site)
Responsible Party: Asia Auto Repair Attention: Mr. Hovaness Sarafian	Address: 1758 ½ North Alexandria Avenue Los Angeles, CA 90027
USTCF Expenditures to Date: Not applicable	Number of Years Case Open: 16

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603755459

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. Highlights of the Conceptual Site Model (CSM) upon which the evaluation of the case has been made are as follows:

Residual petroleum constituents in soil were discovered during a 550-gallon waste oil underground storage tank (UST) removal in November 1998. Soil sampling results from the latest Site assessment activities conducted in 2008 indicate that total petroleum hydrocarbons as diesel and heavy hydrocarbons and total petroleum hydrocarbons as gasoline were limited in the soil to a maximum depth of 10 feet bgs. Except for a few insignificant detections in soil at the depth below 20 feet bgs, benzene was non-detect in all soil samples.

The Site has been used by automotive repair-related businesses for many years. The surrounding area is commercial. No public water supply wells or surface water bodies exist within 1,000 feet of the Site. The depth to the shallowest groundwater level within one mile of the Site ranges from

American Rentals
9130 East Rosecrans Avenue, Bellflower, Los Angeles County

139 to 208 feet below ground surface (bgs). The regional groundwater flow direction is towards the south-southeast. Since 1998, 7 soil borings were constructed and 67 soil samples were collected and analyzed at the Site. Residual petroleum constituents were limited to the area in the former tank pit.

Public water is provided by the Metropolitan Water District of Southern California. Public water supply wells are usually constructed with competent sanitary seals. Residual petroleum constituents are limited to shallow soil and vertical and horizontal limits of the plume are defined. Remaining petroleum constituents do not pose significant risk to human health, safety, or 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**. Groundwater has not been encountered to a maximum explored depth of approximately 60 feet bgs. The depth to the shallowest groundwater level within one mile of the Site ranges from 139 to 208 feet bgs.
- Petroleum Vapor Intrusion to Indoor Air Criteria – Site meets **CRITERIA (2) b**. A site-specific assessment of the vapor intrusion pathway was conducted and demonstrates that human health is protected to the satisfaction of the regulatory agency. Even though soil gas samples are not available, there is no risk for petroleum vapor intrusion to indoor air because total petroleum hydrocarbons and benzene were all non-detect in the soil samples located within approximately 25 feet from the building.
- Direct Contact and Outdoor Air Exposure Criteria – 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.

Prepared By: Trinh Pham
Trinh Pham
Water Resource Control Engineer

04/10/2014

Date

Reviewed By: George Lockwood
George Lockwood, PE#59556
Senior Water Resource Control Engineer

04/10/2014

Date

