

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
Agency Caseworker: Mr. Matthew Cohen	Case No.: Not Applicable

Former Agency Name: Los Angeles County Department of Public Works (Prior to June 25, 2013)	Address: 900 South Fremont Avenue Alhambra, CA 91803
Agency Caseworker: Ms. Kattya Batres Rinze	Case No.: 010716-038246

Case Information

USTCF Claim No.: None	Global ID: T0603707523
Site Name: G&M Oil Company Station No.120	Site Address: 500 South Azusa Avenue Azusa, CA 91702 (Site)
Responsible Party: G&M Oil Company, Inc. Attention: Ms. Jennifer Talbert	Address: 16868 A Street Huntington Beach, CA 92647
USTCF Expenditures to Date: Not applicable	Number of Years Case Open: 8

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603707523

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 the leak detection investigation in April 2006. Elevated petroleum constituents were limited to the area near the southern-most product line. In July 2009, a 72-hour soil vapor extraction test was conducted to establish the significance of the petroleum constituents affecting soil. The results of the test confirm the lack of petroleum constituents remaining in the subsurface near the southern-most product line location.

The Site is an active commercial petroleum fueling facility. The surrounding area is commercial and residential. There are no public water supply wells or surface water bodies within 1,000 feet of the Site. Groundwater has not been encountered at the Site to a maximum explored depth of 50 feet below ground surface (bgs) during the Site investigations. Groundwater is reported at approximately 250 feet bgs in the vicinity of the Site.

Subsequent soil sampling results from the Site investigation in 2009 and the fuel dispenser and associated product line system upgrade activities in 2013 show that petroleum constituents were all non-detect. Since 2006, nine soil borings and two vapor wells were constructed and 66 soil samples and 10 soil vapor samples were collected and analyzed for the Site near the dispenser islands and product lines. Results of the recent soil sampling indicate that the vertical and lateral extent of the plume has been defined.

Public water is provided by the Azusa Light and Water. 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 50 feet bgs. Soil does not contain 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 the **EXCEPTION** for vapor intrusion to indoor air. The Site is an active petroleum fueling facility and has no release characteristics that can be reasonably believed to pose an unacceptable health risk.
- 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. The estimated naphthalene concentrations in soil meet the thresholds in Table 1 and 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, 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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3/17/14

Date

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Senior Water Resource Control Engineer

3/17/14

Date

