

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 County Department of Public Works (Prior to 7/1/2013)	Address: 900 South Fremont Avenue Alhambra, CA 91803
Former Agency Caseworker: Ms. Rani Iyer	Case No.: 001383-038331

Case Information

USTCF Claim No.: None	Global ID: T10000000564
Site Name: ConocoPhillips #251021	Site Address: 12042 East Firestone Boulevard Norwalk, CA 90650 (Site)
Responsible Party: ConocoPhillips Company Attention: Ms. Shari London	Address: 3900 Kilroy Airport Way, Suite 210 Long Beach, CA 90806
USTCF Expenditures to Date: N/A	Number of Years Case Open: 10

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000000564

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 2003, when petroleum constituents were detected during a baseline Site assessment investigation. Petroleum constituent concentrations in soil were below Policy criteria. Petroleum constituent impacts are believed to have been associated with an historic release. This case was closed in 1995. Additional assessment performed in 2006 did not identify petroleum constituents in Site soil to the total depth explored, 50 feet below ground surface (bgs). The Site is operated as an active fueling facility.

Groundwater was not encountered during the investigation. Depth to water is estimated to be approximately 65 feet bgs. The nearest public supply well is located between 250 and 1,000 feet from the Site, and the nearest surface water body is greater than 1,000 feet from the Site. Additional

Conoco Phillips #251021
12042 East Firestone Boulevard, Norwalk, Los Angeles County

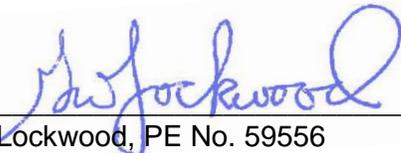
corrective actions will not likely change the conceptual site model. Any remaining petroleum constituents pose low risk to human health, safety, and the environment.

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 are not sufficient mobile constituents (leachate, vapors, or light non- aqueous phase liquid) to cause groundwater to exceed the groundwater criteria in this Policy.
- Petroleum Vapor Intrusion to Indoor Air Criteria – Site meets **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 (a)**. Maximum concentrations of petroleum constituents in soil are less than or equal to those listed in Table 1. The estimated naphthalene concentrations are less than the thresholds in Table 1 of the Policy for direct contact. There are no soil sample results in the case record for naphthalene. However, the relative concentration of naphthalene in soil can be conservatively estimated using the published relative concentrations of naphthalene and benzene in gasoline. Taken from Potter and Simmons (1998), gasoline mixtures contain approximately 2% benzene and 0.25% naphthalene. Therefore, benzene concentrations can be used as a surrogate for naphthalene concentrations with a safety factor of eight. Benzene concentrations from the Site are below the naphthalene thresholds in Table 1 of the Policy. Therefore, estimated naphthalene concentrations meet the thresholds in Table 1 of 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, 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

6/30/14

Date

