

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.: 010992-038308

Case Information

USTCF Claim No.: None	Global ID: T10000001255
Site Name: ConocoPhillips Company #250879	Site Address: 101 East Las Tunas Drive San Gabriel, CA 91776 (Site)
Responsible Party: Chevron Environmental Management Company Attention: Ms. Jillian Holloway	Address: 6101 Bollinger Canyon Road, 5338B San Ramon, CA 94583
USTCF Expenditures to Date: N/A	Number of Years Case Open: 7

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000001255

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 Site is operated as an active petroleum fueling facility. Residual petroleum constituents at the Site were discovered during a due diligence Site assessment in September 2007. Minor concentrations of petroleum constituents were identified in only one soil sample at 35 feet below ground surface (bgs). Further Site investigation in 2014, which included the advancement of four soil borings up to 55 feet bgs, indicated that petroleum constituents were all non-detect, except for low concentrations of diesel range organics (DRO) from 10 to 20 feet bgs. Groundwater was not encountered to a maximum explored depth of approximately 55 feet bgs during the Site assessment. Depth to water is estimated to be approximately 255 feet bgs.

The nearest public supply well and surface water body are greater than 1,000 feet from the Site. Corrective actions have been implemented and additional corrective actions would be unnecessary and expensive. Residual petroleum constituents pose a low risk to human health, safety, or the environment.

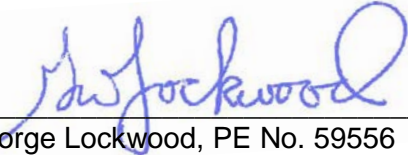
Rationale for Closure under the Policy

- General Criteria – Site **MEETS ALL EIGHT GENERAL CRITERIA** under the Policy.
- Groundwater Media-Specific Criteria – Site releases **HAVE NOT LIKELY AFFECTED GROUNDWATER**. Groundwater was not encountered to a maximum explored depth of approximately 55 feet bgs during the Site assessment. Depth to water is estimated to be approximately 255 feet bgs. There are not 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. Exposure to petroleum vapors associated with historical fuel system releases is comparatively insignificant 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 **CRITERIA 3 (b)**. A site-specific risk assessment from exposure shows that maximum concentrations of petroleum constituents in soil will have a low risk of adversely affecting the human health because:
 - Benzene, ethylbenzene, and naphthalene concentrations in soil at 10 feet bgs were all non-detect.
 - Petroleum constituents were non-detect, except for low concentrations of DRO from 10 to 20 feet bgs.
 - As stated in the *Technical Justification for Soil Screening Levels for Direct Contact and Outdoor Air Exposure Pathways*, which provides technical justifications for developing soil screening levels for the Direct Contact and Outdoor Air Exposure section of the Policy, soil screening levels in Table 1 of the Policy were developed based on multiple conservative assumptions. For example, the commercial/industrial exposure scenario assumes that the receptor works for a total of 25 years at 250 days/year at the same location. Another conservative assumption is that the chemical concentrations remain constant over time in soil. In reality, these worst case scenarios are not likely to occur. Therefore, actual risk is expected to be lower than the risk targets used to derive the screening levels.
 - The Site is paved and accidental access to soils at the Site is prevented. As an active petroleum fueling facility, any construction worker working at the Site will be prepared for exposure in their normal daily work.

ConocoPhillips Co #250879
101 East Las Tunas Drive, San Gabriel, Los Angeles County

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

11/5/2014

Date

