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.: 011098-038296

Former Agency Name: Los Angeles County Department of Public Works (Prior to 7/18/2013)	Address: P.O. Box 1460 Alhambra, CA 91802-1460
Former Agency Caseworker: Ms. Rani Iyer	Case No.: 011098-038296

Case Information

USTCF Claim No.: None	Global ID: T0603722359
Site Name: ConocoPhillips Company No. 2705631	Site Address: 989 North Garey Avenue Pomona, CA 91767
Responsible Party: Chevron Environmental Management Company Attention: Mr. J. Mark Inglis	Address: 6101 Bollinger Canyon Road, Fifth Floor San Ramon, CA 94583-2324
USTCF Expenditures to Date: N/A	Number of Years Case Open: 24

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603722359

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 currently an operating service station and all adjacent lots are developed for commercial or residential use. No active public water supply wells or surface water body are located within 1,000 feet of the Site. Groundwater has not been encountered at the Site to a maximum explored depth of 75 feet below ground surface (bgs).

The release at the Site was discovered during underground storage tank (UST) replacement activities conducted in December 1989. The release is limited to soil only. Soil sample results for six borings advanced near the UST basin and dispenser islands during 2006 demonstrate that petroleum constituents in soil were are non-detect between 50 to 75 feet bgs.

Residual petroleum constituents are limited to shallow soil. Remedial actions have been implemented and further remediation would be ineffective and expensive. Any 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 AFFECTED GROUNDWATER**. Groundwater has not been encountered to a maximum explored depth of 75 feet bgs.
- 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. There are no soil samples 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 directly substituted for naphthalene concentrations with a safety factor of eight. Benzene concentrations from the Site are below the naphthalene thresholds in Table 1. Therefore, estimated naphthalene concentrations meet the thresholds in Table 1 and the Policy criteria for direct contact by a 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.

Prepared By: Trinh Pham 11/5/13
Trinh Pham Date
Water Resource Control Engineer

Reviewed By: 11/5/13
Benjamin Heningburg, PG No. 8130 Date
Senior Engineering Geologist