UST CASE CLOSURE SUMMARY

Agency Information

Agency Name: Orange County Health Care Agency	Address: 1241 East Dyer Road, Suite 120 Santa Ana, CA 92805
Agency Caseworker: Ms. Denamarie Baker	Case No.: 99UT037

Case Information

USTCF Claim No.: None	Global ID: T0605902305
Site Name: Chevron #20-2031	Site Address: 6392 Beach Boulevard Buena Park, CA 90621 (Site)
Responsible Party: Chevron Environmental Management Company Attention: Mr. Eugene Francisco	Address: 145 South State College Boulevard, Suite 500 Brea, CA 92821
USTCF Expenditures to Date: N/A	Number of Years Case Open: 15

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605902305

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.

This case was opened in 1999 when methyl tertiary butyl ether (MTBE) concentrations in several monitoring wells at the Site increased. A previous release associated with a different responsible party was opened at the Site when three underground storage tanks (USTs) were replaced in 1986.

Two 24-hour dual phase extraction (DPE) events were conducted at the Site in August 2001 and February 2009. A combined total of approximately 3.42 pounds of hydrocarbons were removed during the two DPE events. The UST system was upgraded in January 2002. Approximately 32 cubic yards of soil were transported off Site for disposal during the 2002 upgrade activities. A peroxide drip system operated at the Site from November 2004 to January 2007. Two vacuum truck DPE high intensity targeted events were conducted in October and November 2009, removing approximately 295 gallons of groundwater and approximately 0.61 pounds of hydrocarbons in vapor. The Site is operated as an active fueling facility.

The average depth to groundwater at the Site is 18 feet below ground surface. The groundwater plume exceeding water quality objectives is less than 250 feet long and has been stable or decreasing since 2011. The nearest public supply well and surface water body are greater than 1,000 feet from the Site. Additional corrective action will not likely change the conceptual site model. Residual petroleum constituents pose a 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.

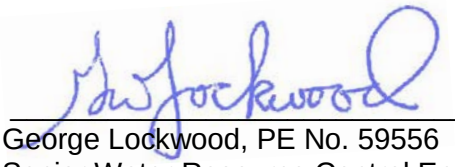
- Groundwater Media-Specific Criteria – Site meets the criterion in **CLASS 2**. The contaminant plume that exceeds water quality objectives is less than 250 feet in length. There is no free product. The nearest water supply well or surface water body is greater than 1,000 feet from the defined plume boundary. The dissolved concentration of benzene is less than 3,000 µg/L, and the dissolved concentration of MTBE is less than 1,000 µg/L.

- Petroleum Vapor Intrusion to Indoor Air Criteria – Site meets **EXCEPTION**. 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 **CRITERION (3) a**. Maximum concentrations of residual petroleum constituents in soil are less than or equal to those listed in Table 1.

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.



12/9/2014

George Lockwood, PE No. 59556 Date
Senior Water Resource Control Engineer