UST CASE CLOSURE SUMMARY

Agency Information

Current Agency Name: County of Orange Health Care Agency	Address: 1241 East Dyer Road, Ste. 120 Santa Ana, CA 92705-5611
Current Agency Caseworker: Mrs. Denamarie Baker	Case No.: 92UT025

Case Information

USTCF Claim No.: 7842	Global ID: T0605901499
Site Name: Tosco – 76 #4992	Site Address: 1900 Newport Boulevard Costa Mesa, CA 92627 (Site)
Responsible Party: Chevron Environmental Management Company Attention: Mr. James Kiernan	Address: 6101 Bollinger Canyon Road San Ramon, CA 94583
USTCF Expenditures to Date: $0	Number of Years Case Open: 22

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901499

Summary

The Low-Threat Underground Storage Tank (UST) 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 an active fueling facility. The release at the Site was discovered in 1992 when petroleum constituents were identified at 10 to 18 feet below ground surface (bgs). One waste oil UST, two gasoline USTs, dispensers, and associated product piping were removed from the Site in June 1992. Two additional waste oil USTs, hoists, and a clarifier were removed from the Site in July 1996. The product lines and dispensers were also replaced in July 1996. Approximately 1,190 tons of impacted soil were over-excavated and disposed off-site during removal operations. Free product was regularly bailed from February 1993, until free product was no longer present by 2003. In August 1998, four 24-hour dual phase extraction tests were performed. Between August 1998 and August 2000, quarterly mobile dual phase extraction events were conducted at the Site. In March 2004, a full scale dual phase extraction system began operation at the Site, and operated until February 2013. Analytical results from confirmation soil samples collected at the Site in June 2013, showed non-detect and trace concentrations of petroleum constituents.

Groundwater is reported at the Site at depths ranging from approximately 16 to 22 feet bgs. Petroleum constituents in groundwater have been reduced to near or below water quality objectives.

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 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.

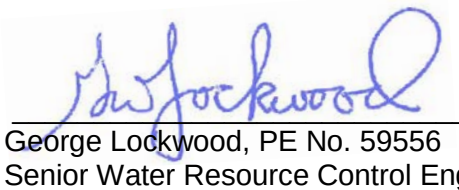
- Groundwater Media-Specific Criteria – Site meets the criterion in **CLASS 1**. The contaminant plume that exceeds water quality objectives is less than 100 feet in length. There is no free product. The nearest water supply well or surface water body is greater than 250 feet from the defined plume boundary.

- 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. Although poly-aromatic hydrocarbons were not analyzed in the vicinity of the former waste oil USTs located in the vicinity of the Site structure, there does not appear to be a significant release that would result in concentrations in the soil exceeding concentrations listed in Table 1 at that location. Soil samples collected in the vicinity of the remaining waste oil UST in 2013 exhibited no detectable concentrations of PAHs. Furthermore, the Site is paved and accidental access to Site soils is prevented.

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.



11/20/2014

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