

State Water Resources Control Board

UST CASE CLOSURE SUMMARY

Agency Information

Agency Name: Orange County Health Care Agency	Address: 1241 East Dyer Road, Suite 120 Santa Ana, CA 92705
Agency Caseworker: Ms. Julie Wozencraft	Case No.: 95UT018

Case Information

USTCF Claim No.: 15299	Global ID: T0605901847
Site Name: Arco #6226	Site Address: 102 East Yorba Linda Boulevard Placentia, CA 92870 (Site)
Responsible Party: Tesoro Refining & Marketing Company, LLC Attention: Mr. Daniel Monson	Address: 6 Centerpointe Drive La Palma, CA 90623
USTCF Expenditures to Date: \$0	Number of Years Case Open: 21

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901847

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 fueling facility. Residual petroleum constituents were discovered at the Site following repair of an underground storage tank (UST) system vent line in September 1994. In June and July 2000, three gasoline USTs and associated piping were removed and replaced with two USTs. Approximately 760 cubic yards of impacted soil were over-excavated and transported off-site for disposal during the USTs replacement.

Free product was observed at the Site from 1997 to 2005. Approximately 16 gallons of free product were removed from the Site by vacuum truck and passive skimmer between February 1997 and August 2002. A soil vapor extraction (SVE) system operated at the Site from January 2001 to July 2006. Approximately 165,000 pounds of vapor phase petroleum constituents were extracted from the subsurface by the SVE system.

Historical groundwater data indicate that the groundwater flow direction is toward the southwest. The average depth to groundwater is 118 feet below ground surface. 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. Remaining 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 criteria in **CLASS 4**. The contaminant plume that exceeds water quality objectives is less than 1,000 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 concentrations of benzene and MTBE are each less than 1,000 µg/L.
- Petroleum Vapor Intrusion to Indoor Air Criteria – Site meets the **EXCEPTION** for vapor intrusion to indoor air. The Site is an active 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 **CRITERION 3 (a)**. Maximum concentrations of residual petroleum constituents in soil are less than or equal to those listed in Table 1 of the Policy.

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

3/6/2015

Date

