UNDERGROUND STORAGE TANK (UST) CASE CLOSURE SUMMARY

Agency Information

Agency Name: Colorado River Basin Regional Water Quality Control Board	Address: 73-720 Fred Waring Dr. Ste 100 Palm Desert, CA 92260
Agency Caseworker: Jose Cortez	Case No.: 7DODT22430047

Case Information

UST Cleanup Fund (Fund) Claim No.: N/A	Global ID: T060250802
Site Name: Naval Air Facility (NAF) El Centro Tank 428	Site Address: Area 5 (Southeastern corner of West Place and D Street) El Centro, CA 92243
Responsible Party: United States Department of the Navy Attn: Mr. Robert Fischer	Address: 1605 Third Street NAF El Centro, CA 92243
Fund Expenditures to Date: N/A	Number of Years Case Open: 20

GeoTracker Case Record:
https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T060250802

Summary

This case has been proposed for closure by the State Water Resources Control Board at the request of the Colorado River Basin Regional Water Quality Control Board, which concurs with closure.

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 an open field at an active Naval Base in Imperial County. The petroleum release was discovered when elevated petroleum constituents were identified in soil and groundwater during an investigation of the in place 550-gallon diesel underground storage tank (UST) in 1999. Additional sampling was performed in June 2002 showing

elevated petroleum hydrocarbons in groundwater samples. In December 2002 the tank was removed, and 13 tons of impacted soil was over-excavated. Post excavation sampling showed low concentrations of petroleum hydrocarbons remaining in the soil.

Residual petroleum constituents in soil is limited in areal extent. Remaining petroleum constituents are limited, stable, and decreasing. Volatile organic compounds were not detected in post-excavation confirmation samples. Additional assessment would be unnecessary and will not likely change the conceptual model. Any remaining petroleum constituents do not pose significant risk to human health, safety, or the environment under current conditions.

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 1**. The contaminant plume that exceeds water quality objectives is less than 100 feet in length. There is no free product. The nearest existing water supply well or surface water body is greater than 250 feet from the defined plume boundary.
- Petroleum Vapor Intrusion to Indoor Air – Site **meets Criteria 2 (a), Scenario 2.** There is a bioattenuation zone that provides a separation of at least 30 feet both laterally and vertically between the Light Non-Aqueous Phase Liquid in soil and the foundation of existing or potential buildings. Concentrations of total petroleum hydrocarbons as gasoline and diesel combined in soil are less than 100 milligrams per kilogram throughout the entire depth of the bioattenuation zone.
- Direct Contact and Outdoor Air Exposure – 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.

Recommendation for Closure

The corrective action performed at this Site ensures the protection of human health, safety, and the environment. The corrective action performed at this Site is consistent with chapter 6.7 of division 20 of the Health and Safety Code, implementing regulations, applicable state policies for water quality control and applicable water quality control plans. Case closure is recommended.

Reviewed By: _____
Matthew Cohen, P.G. No. 9077
Senior Engineering Geologist
Division of Water Quality

12/17/19
Date