



State Water Resources Control Board

UNDERGROUND STORAGE TANK (UST) CASE CLOSURE SUMMARY

Agency Information

Agency Name: Colorado River Basin Regional Water Quality Control Board Colorado River Water Board	Address: 73-720 Fred Warring Drive, Suite 100 Palm Desert, Ca 92260
Agency Caseworker: Jessica Bagby	Case No.: 7DOD22430051

Case Information

UST Cleanup Fund (Fund) Claim No.: N/A	Global ID: T060250652
Site Name: Tank 525	Site Address: Area 11 Naval Air Facility El Centro El Centro, CA 92243 (Site)
Responsible Party: United States Department of the Navy Naval Air Facility El Centro Attn: Robert Fischer	Address: 1605 3rd Street Building 504, Code 45FR El Centro, CA 92243
Fund Expenditures to Date: NA	Number of Years Case Open: 31

[GeoTracker Case Record](http://geotracker.waterboards.ca.gov/?gid=T060250652): <http://geotracker.waterboards.ca.gov/?gid=T060250652>

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 because they pose a low threat to human health, safety, and the environment. The Site meets all of the required criteria of the Policy and therefore, is subject to closure.

E. JOAQUIN ESQUIVEL, CHAIR | EILEEN SOBECK, EXECUTIVE DIRECTOR

Tank 525 (T060250652)
Area 11, Naval Air Facility El Centro, Imperial County

The site operates as an active Naval Base in Imperial County. The petroleum release was reported in 1989 as a suspected release from a 1,400-gallon diesel UST believed to have been located beneath the eastern portion of the footprint of building 504 and was assumed to have been used until 1968. No UST removal or abandonment has been documented. Building 504 currently serves as the base's Department of Public Works. Soil and groundwater samples were collected in 2000 and 2002, indicating low levels of petroleum constituents downgradient from the suspected UST location.

Remaining petroleum constituents are limited, stable, and decreasing. 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. Groundwater is not currently utilized at NAF El Centro. Groundwater in the valley bottom of the Imperial Valley Basin is predominantly stored in fine-grained lake sediments and is generally saline and of poor quality, wells drilled into the lake sediments generally have poor yield, and, the surrounding fields utilize drains and ditches to prevent the saline groundwater from accumulating near crop roots. Therefore, groundwater is not utilized for agricultural purposes in the surrounding agricultural fields

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 2. The contaminant plume that exceeds water quality objectives is less than 250 feet in length. There is no free product. The nearest existing 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 micrograms per liter ($\mu\text{g/L}$), and the dissolved concentration of MTBE is less than 1,000 $\mu\text{g/L}$.
- Petroleum Vapor Intrusion to Indoor Air – Site meets Criteria 2 (b). A Site-specific risk assessment for the vapor intrusion pathway was conducted under the policy and demonstrates that human health is protected to the satisfaction of the regulatory agency.
- Direct Contact and Outdoor Air Exposure – Site meets Criteria 3 (b). Maximum concentrations of petroleum constituents in soil are less than levels that a site-specific risk assessment demonstrates will have no significant risk of adversely affecting human health.

Tank 525 (T060250652)
Area 11, Naval Air Facility El Centro, Imperial County

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, PG 9077
Senior Engineering Geologist
Division of Water Quality

September 2, 2020
Date

