

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 Basin Water Board)	Address: 73-720 Fred Waring Drive, #100 Palm Desert, CA 92260
Agency Caseworker: Jessica Bagby	Case No.: 7DODT22430014

Case Information

UST Cleanup Fund (Fund) Claim No.: N/A	Global ID: T0602590001
Site Name: Naval Air Facility (NAF) El Centro Tanks 200N/S1/S2/W3 NEX Gas Station	Site Address: First Street, Building 200, Gas Station El Centro, CA 92243 (Site)
Responsible Party United States Department of the Navy Attention: Amy Tong	Address: NAVFAC Southwest 937 North Harbor Drive, Bldg. 1, 3 rd Floor San Diego, CA 92132
Fund Expenditures to Date: N/A	Number of Years Case Open: 25

GeoTracker Case Record: <http://geotracker.waterboards.ca.gov/?gid=T0602590001>

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.

NAF El Centro Tanks 200N/S1/S2/W3 NEX Gas Station, T0602590001
First Street, Building 200, Gas Station, El Centro

The Site is a retail fueling station at an active military facility located near El Centro in Imperial County. The release was discovered during site investigations in the early 1990s. Four USTs were removed from the Site in 1993, and impacted soil was excavated and disposed of offsite. Confirmation samples collected during the removal of one of the USTs indicated low levels of petroleum constituents remaining in site soil. Eight monitoring wells were installed between 1990 and 1999 and were monitored through January 2004. The most recent groundwater sampling results indicated no detectable concentrations of any petroleum constituents except methyl tert-butyl ether (MTBE). MTBE groundwater concentrations are low and trends indicate the plume is stable to decreasing.

Residual petroleum constituents in soil and groundwater are limited in areal extent. 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.

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 the EXCEPTION** for vapor intrusion to indoor air. Exposure to petroleum vapors associated with historical fuel system releases are 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 – 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.

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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. 9077
Senior Engineering Geologist

11/17/2022

Date

