

## State Water Resources Control Board

### 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.: 7DODT22430035

#### Case Information

UST Cleanup Fund (Fund) Claim No.: N/A	Global ID: T060257785
Site Name: Naval Air Facility (NAF) El Centro Tank 117	Site Address: Area 6/Area 8 (1605 Third St., Area 6 Between Taxiway "E" and "A" 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: 26

#### GeoTracker Case Record:

[https://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T060257785](https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T060257785)

#### 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 operates as an active Naval Base in Imperial County. The release was discovered when elevated petroleum constituents were identified during the removal of a 500-gallon diesel underground storage tank in 1993. Additional soil and groundwater

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sampling in 2015 indicated residual petroleum impacted soil was present in the vicinity of the former UST. Groundwater exceeded water quality objectives in samples obtained at the site.

However, groundwater under El Centro Naval Air Facility has been deemed as unsuitable for municipal or industrial use. The site consists of a large paved area with open-air tent-style hangars for aircraft storage which would not be subject to vapor intrusion risk and future construction of buildings for human occupation is not expected.

The site is paved, preventing accidental contact. 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 5**. The regulatory agency determines, based on an analysis of Site-specific conditions that under current and reasonably anticipated near-term future scenarios, the contaminant plume poses a low threat to human health, safety, and to the environment and water quality objectives will be achieved within a reasonable time frame.
- 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 (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.

### **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.

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Imperial County

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



12/17/2019  
Date