

State Water Resources Control Board

UNDERGROUND STORAGE TANK (UST) CASE CLOSURE SUMMARY

Agency Information

Agency Name: Lahontan Regional Water Quality Control Board	Address: 15095 Amargosa Road, Building 2, Suite 210 Victorville, California 92394
Agency Caseworker: William Muir	Case No.: 6B3600767T

Case Information

UST Cleanup Fund (Fund) Claim No.: NA	Global ID: T0607100880
Site Name: Federal Aviation Administration (FAA) Building UST 706-C2B	Site Address: 39500 National Trails Highway Daggett, California 92327 (Site)
Responsible Parties: US Army Corps of Engineers Attention: Roland Tajibe	Address: 2493 Pomona-Rincon Road Corona, California 92880
County of San Bernardino, Department of Airports Attention: James Jenkins	777 E Rialto Avenue San Bernardino, California 92415
Fund Expenditures to Date: NA	Number of Years Case Open: 28

GeoTracker Case Record: <http://geotracker.waterboards.ca.gov/?gid=T0607100880>

Summary

This case has been proposed for closure by the State Water Resources Control Board at the request of the Lahontan 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.

The site currently exists as a vacant portion of the Barstow-Daggett Airport containing the foundation of the former building present at the site. Between September 1994 and December 1994, one concrete gasoline and/or kerosene 750-gallon underground storage tank (UST) was removed from the site. Following removal, the concrete tank was broken-up and sampled. Soil samples collected from the floor and or sidewalls of the tank excavation indicated elevated concentrations of petroleum hydrocarbons in the upper 15 feet of site soil.

Soil gas sampling indicated low concentrations of petroleum hydrocarbons in the vicinity of the former UST. Therefore, risk to human health and the environment via the vapor intrusion to indoor air pathway remains extremely low. Shallow soil sampling indicates low risk via the direct contact and outdoor air pathway. Petroleum concentrations in groundwater remained significantly below water quality objectives.


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 Criteria 2 (a), Scenario 4**. The concentrations of benzene, ethylbenzene, and naphthalene in soil gas are less than the Policy limits as it applies to the bioattenuation zone, land use, and existing or planned future building structures at the Site.
- 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: 
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Senior Engineering Geologist
Division of Water Quality



6/8/2022
Date