



State Water Resources Control Board

UNDERGROUND STORAGE TANK (UST) CASE CLOSURE SUMMARY

Agency Information

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| Agency Name: Lahontan Regional Water Quality Control Board | Address: 15095 Amargosa Road – Bldg 2, Ste 210 Victorville, CA 92394 |
| Agency Caseworker: Christopher Avalos | Case No.: 6B3600872T |

Case Information

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| UST Cleanup Fund (Fund) Claim No.: NA | Global ID: T0607100916 |
| Site Name: Marine Corps Logistics Base (MCLB) Barstow T22A | Site Address: Nebo Annex MCLB Barstow, CA 92311 (Site) |
| Responsible Party United States Department of the Navy Attention: Lara Urizar | Address: NAVFAC Southwest 750 Pacific Highway, EV14/11th Floor San Diego, CA 92132 |
| Fund Expenditures to Date: NA | Number of Years Case Open: 28 |

GeoTracker Case Record: <http://geotracker.waterboards.ca.gov/?gid=T0607100916>

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.

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

The Site is the former location of Building 22 and is currently used as a laydown area outside of Warehouse 4 within MCLB Barstow. Building 22 operated as an equipment maintenance shop for support vehicles. Two USTs (T-22A and T-22B) were located north of Building 22 and reportedly stored engine motor oil before being removed, according to the Navy, in the early 1950s.

Groundwater monitoring has been performed under the Operable Unit 2 Nebo North Long-Term Monitoring Program, which is monitoring a groundwater plume from a different source area. Groundwater sampling using wells at the Site has indicated only low concentrations of TPH, but no detections of other petroleum constituents, including benzene and methyl tertiary butyl ether. A 2002 Human Health Risk Assessment indicated residual petroleum constituents in site soil and soil gas did not significantly contribute to human health risks.

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 (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.

T22A, T0607100916
Nebo Annex, MCLB Barstow

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:



11/17/2022

Matthew Cohen, P.G. No. 9077
Senior Engineering Geologist

Date

