

## 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 – Bldg 2, Ste 210 Victorville, CA 92394
Agency Caseworker: Christopher Avalos	Case No.: 166-61 -- 40

#### Case Information

UST Cleanup Fund (Fund) Claim No.: NA	Global ID: DOD100232900
Site Name: George Air Force Base ZZ051 Facility 799 Test Cell Fuel Spill	Site Address: 18374 Phantom West Street Victorville, CA 92394 (Site)
Responsible Party United States Air Force Attention: Donald Gronstal	Address: Air Force Civil Engineering Center 3411 Olson Street McClellan, CA 95652
Responsible Party Southern California Logistics Airport Authority Attention: James Murawski	18374 Phantom West Street Victorville, CA 92392
Fund Expenditures to Date: NA	Number of Years Case Open: 29

**GeoTracker Case Record:** <http://geotracker.waterboards.ca.gov/?gid=DOD100232900>

#### 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.

ZZ051 Facility 799 Test Cell Fuel Spill, DOD100232900  
18374 Phantom West Street, Victorville

The Site is in the vicinity of former Jet Engine Test Cells 799 and 807 within the former George Air Force Base. The Site is currently vacant and located within the Southern California Logistical Airport. Jet fuel used for testing of jet engines was released to the subsurface prior to the jet fuel UST being removed from the Site in 1993. A bioventing system began operation in 1996 and was converted to a soil vapor extraction (SVE) system in 2002. The SVE system ran until 2015 and removed approximately 250,000 pounds of fuel hydrocarbons. Approximately 82 cubic yards of PAH-impacted soil were subsequently removed from the Site in 2018.

Annual groundwater monitoring has reported petroleum constituent concentrations below water quality objectives since 2002. Remaining petroleum constituent concentrations in shallow soil are low to non-detectable. Soil vapor samples collected in 2016 were below Policy limits.

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.

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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:



11/17/2022

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

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Date

