# UNDERGROUND STORAGE TANK (UST) CASE CLOSURE SUMMARY

## Agency Information

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| Agency Name:<br>Los Angeles Regional Water Quality Control Board (Los Angeles Water Board) | Address:<br>320 West 4th Street, Suite 200<br>Los Angeles, CA 90013 |
| Agency Caseworker: Angelica Castaneda | Case No.: 0282A6 |

## Case Information

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| UST Cleanup Fund (Fund) Claim No.: NA | Global ID: T0611100564 |
| Site Name:<br>NBVC Point Mugu Main Base<br>(UST Site 24) | Site Address:<br>Northwest Corner of Ronald Reagan Boulevard and Laguna Street, Southwest of Building 392<br>Point Mugu, CA 93042 (Site) |
| Responsible Party<br><br>Naval Base Ventura County<br>Attention: Steve Granade<br><br>Naval Facilities Engineering Command Southwest<br>Attention: Mr. Michael Gonzales | Address:<br><br>311 Main Road<br>Point Mugu, CA 93042<br><br>2730 McKean Street, Building 291<br>San Diego, CA 92136 |
| Fund Expenditures to Date: NA | Number of Years Case Open: 30 |

**GeoTracker Case Record:** http://geotracker.waterboards.ca.gov/?gid=T0611100564

## Summary

**This case has been proposed for closure by the State Water Resources Control Board at the request of the Los Angeles Water 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 Ventura County. The release was discovered during the removal of a 550-gallon waste oil tank in 1989. Elevated petroleum constituents were identified between 5-7 feet below ground surface (bgs) in 2009. In 2014, an In Situ Chemical Oxidation (ISCO) system injected approximately 6,800 gallons of sodium persulfate solution into shallow groundwater over two injection periods via eight site wells screened from 7 to 12 feet bgs. Groundwater in site monitoring wells has met water quality objectives (WQOs) since August 2012.

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 WQOs 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 3**. As applicable, the extent of the bioattenuation zone, oxygen concentrations in soil gas, concentrations of total petroleum hydrocarbons as gasoline and diesel combined in soil, and dissolved concentrations of benzene in groundwater meet the Policy.
- 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.


Matthew Cohen, PG No. 9077
Senior Engineering Geologist

09/19/19
Date