

State Water Resources Control Board

UNDERGROUND STORAGE TANK (UST) CASE CLOSURE SUMMARY

Lead Agency Information

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| Lead Agency Name: Santa Ana Regional Water Quality Control Board (Santa Ana Water Board) | Address: 3737 Main Street, Suite 500 Riverside, CA 92501-3348 |
| Case Manager: Patricia Hannon | Case No.: N/A |

Case Information

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| UST Cleanup Fund (Fund) Claim No.: N/A | Global ID: T10000022936 |
| Case Name: Former USTs T-6, T-7, T-8 and T-9 | Site Address: Naval Weapons Station Seal Beach, Detachment Norco, 5 th Street, Norco, CA 92860 (Site) |
| Responsible Party: United States Department of the Navy Attention: Anthony D. Konzen | Address: 750 Pacific Highway, 11 th Floor San Diego, CA 92132 |
| Fund Expenditures to Date: NA | Number of Years Case Open: 3 |

GeoTracker Case Record: <http://geotracker.waterboards.ca.gov/?gid=T10000022936>

Summary

This case has been proposed for closure by the State Water Resources Control Board at the request of the Santa Ana Regional Water Quality Control Board which concurs with closure.

The [Low-Threat Underground Storage Tank Case Closure Policy \(Policy\)](#)¹ contains general and media-specific criteria. Sites that meet Policy criteria are appropriate for closure pursuant to the Policy because they pose a low threat to human health, safety,

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https://www.waterboards.ca.gov/board_decisions/adopted_orders/resolutions/2012/rs2012_0016atta.pdf

E. JOAQUIN ESQUIVEL, CHAIR | ERIC OPPENHEIMER, EXECUTIVE DIRECTOR

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and the environment. The Site meets all Policy criteria and therefore, case closure is appropriate.

The Site is associated with Naval Weapons Station Seal Beach, in an area of the base known as Detachment Norco. Detachment Norco currently supports the Naval Sea Systems Command's Surface Warfare Center, which is the Navy's technical agent for independent assessment and range systems engineering. Underground storage tanks (USTs) T-6, T-7, T-8 and T-9 were formerly located near Building A, which formerly served as a fueling station and maintenance building. The fueling station has been demolished and Building A now serves as a laboratory with an active workforce. The former USTs were 550-gallon gasoline tanks located at the fuel stand northwest of Building A and a 1,000-gallon diesel oil UST located near the southeast corner of the building. No documentation or investigations citing the date of their removal have been found, but a geophysical survey conducted in May 2022 confirmed the absence of the USTs. A preliminary assessment was conducted at the Site in 2017. However, no records were found for the former USTs, therefore more investigation was recommended.

During a two-phase investigation conducted in May (Phase I) and October (Phase 2) 2022, soil samples were collected near the location of the former USTs. Soil analytical results found low concentrations of petroleum hydrocarbons as gasoline (TPHg), diesel, and other VOCs near former gasoline USTs. Low concentrations of TPHg were detected near the former diesel tank. There were no petroleum constituents that were detected at concentrations that exceeded environmental screening levels for soil. Groundwater was not encountered during the site investigation at any of the sampling locations. Drilling stopped between 30-40 feet when the drill rig could not continue through bedrock.

Remaining petroleum constituents are limited, stable, and decreasing and further assessment will not alter the conceptual site model significantly. Remaining petroleum constituents associated with the case do not pose a significant risk to human health, safety, or the environment under current conditions and property use.

Rationale for Closure Under the Policy

- General Criteria – Site **MEETS ALL EIGHT GENERAL CRITERIA** under the Policy.
- Groundwater Media-Specific Criteria – **Site Releases Have Not Affected Groundwater**. Soil does not contain sufficient mobile constituents (leachate, vapors, or light non-aqueous-phase liquids) to cause groundwater to exceed the groundwater criteria in the Policy.
- 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

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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 (a)**. Maximum concentrations of petroleum constituents in soil are less than or equal to those listed in Table 1 of the Policy for the specified depth below ground surface.

Recommendation for Closure

The corrective action conducted for this case ensures that any residual petroleum constituents associated with the case pose a low threat to human health, safety, and the environment. The corrective action was 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. As such, case closure is recommended.

Prepared by:

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08/28/2025

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08/29/2025

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