



State Water Resources Control Board

UNDERGROUND STORAGE TANK (UST) CASE CLOSURE SUMMARY

Agency Information

Agency Name: San Francisco Bay Regional Water Quality Control Board (San Francisco Bay Water Board)	Address: 1515 Clay Street, Suite 1400 Oakland, CA 94612
Agency Caseworker: Laurent Meillier	Case No.: 21-0030

Case Information

UST Cleanup Fund (Fund) Claim No.: 21119	Global ID: T0604100029
Site Name: Chevron	Site Address: 5810 Nave Drive Novato, CA 94947 (Site)
Responsible Party Chevron U.S.A., Inc. Attention: Bradley Rogers	Address: 6001 Bollinger Canyon Road San Ramon, CA 94583
Fund Expenditures to Date: \$0	Number of Years Case Open: 40

GeoTracker Case Record: <http://geotracker.waterboards.ca.gov/?gid=T0604100029>

Summary

This case has been proposed for closure by the State Water Resources Control Board at the request of the San Francisco Bay 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 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 is a vacant lot and public street that formerly operated as a commercial petroleum fueling facility. An unauthorized release was discovered in 1983 during a tank tightness test and in 1984 the facility was demolished. Four USTs, two dispenser

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

islands, and associated piping were removed. The public right of way was expanded after station demolition and much of the former fueling facility was paved over as Nave Street. No active remediation has been conducted at this Site. Ten groundwater monitoring wells have been installed since 1998 and one has been destroyed. Monitoring wells were monitored regularly through 2022 and water quality objectives (WQOs) have been achieved for all constituents except benzene in MW-1, MW-2, MW-5, and MW-7. However, the remaining benzene plume is less than 250 feet in length and concentrations are below Policy criteria and are low risk to human health and the environment.

The residual petroleum constituents remaining in groundwater are limited in areal extent and the plume of impacted groundwater is stable. Soil vapor samples indicate non-detectable concentrations of benzene, ethylbenzene, and naphthalene. Remaining petroleum constituent concentrations in shallow soil are below Policy criteria.

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 2**. The contaminant plume that exceeds water quality objectives is less than 250 feet in length. There is no free product. The nearest existing water supply well or surface water body is greater than 1,000 feet from the defined plume boundary. The dissolved concentration of benzene is less than 3,000 micrograms per liter (µg/L), and the dissolved concentration of MTBE is less than 1,000 µg/L.
- 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.

Chevron, T0604100029
5810 Nave Drive, Novato

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:



Dayna Cordano, PG No. 9694
Senior Engineering Geologist

07/24/2023

Date

