

State Water Resources Control Board

UNDERGROUND STORAGE TANK (UST) CASE CLOSURE SUMMARY

Agency Information

Agency Name: Los Angeles Regional Water Quality Control Board (Los Angeles Water Board)	Address: 320 W. 4 th Street, Suite 200 Los Angeles, CA 90013
Agency Caseworker: Jeremiah Rose	Case No.: 908070316A

Case Information

UST Cleanup Fund (Fund) Claim No.: 18630	Global ID: T0603787524
Site Name: Shell (Former Texaco)	Site Address: 3402 Atlantic Avenue Long Beach, CA 90807 (Site)
Responsible Party: Equilon Enterprises LLC dba Shell Oil Products US Attention: Toni DeMayo	Address: 20945 South Wilmington Avenue Carson, CA 90810
Fund Expenditures to Date: \$683,127	Number of Years Case Open: 19

GeoTracker Case Record: <http://geotracker.waterboards.ca.gov/?gid=T0603787524>

Summary

This case has been proposed for closure by the State Water Resources Control Board at the request of the Los Angeles 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.

Shell (Former Texaco), T0603787524
3402 Atlantic Avenue, Long Beach

The Site is a former commercial petroleum fueling facility developed as an auto service station. Five USTs (four gasoline/diesel and one waste oil) were removed and replaced in May 1982, and a second waste oil UST was removed in September 1989. In August 1994, an unknown volume of soil was over-excavated near the fuel dispensers. An unauthorized release was reported in January 2003 following a site assessment. In April 2003, the remaining USTs (three gasoline and one diesel) were removed and 450 cubic yards of soil were over-excavated down to 18 feet below ground surface (bgs) and disposed of offsite. Groundwater extraction (GWE) conducted between February and March 2003 removed 3,945 gallons of impacted groundwater including 220 gallons of petroleum hydrocarbons. Soil vapor extraction pilot testing conducted in January 2006 removed 18 pounds of vapor-phase hydrocarbons. Manual free product removal and absorbent socks removed 2.5 gallons of free product from July 2013 to June 2019. An 8-hour GWE event was conducted in April 2018 which removed 40 gallons of impacted groundwater. Surrounding land use consists of commercial properties.

Site excavations and remediation has removed the majority of residual petroleum contamination. 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 ($\mu\text{g/L}$), and the dissolved concentration of MTBE is less than 1,000 $\mu\text{g/L}$.
- 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.

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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:



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

2/13/2023

Date

