

State Water Resources Control Board

August 14, 2015

City of Long Beach, Economic & Property Development Department
Attention: Mr. Seyed Jalali
333 West Ocean Boulevard, 3rd Floor
Long Beach, CA 90802

Dear Mr. Jalali:

CLOSURE DENIAL REVIEW FOR PETROLEUM UNDERGROUND STORAGE TANK CASE,
MOBIL, 1669 WEST ANAHEIM STREET, LONG BEACH, LOS ANGELES COUNTY

State Water Resources Control Board (State Water Board) Resolution No. 2012-0062 requires that State Water Board staff review a lead agency's decision when the lead agency has denied a request by a responsible party for an underground storage tank (UST) case closure pursuant to the Low-Threat UST Case Closure Policy (Policy).

The subject case has the following identification numbers:

- State Water Board, GeoTracker No. T0603701918
- Los Angeles Regional Water Quality Control Board (Los Angeles Water Board), Case No. 908130034

State Water Board staff reviewed the closure request dated December 18, 2014 and the response from the Los Angeles Water Board. After careful consideration of the GeoTracker record, State Water Board staff agrees with the Los Angeles Water Board staff determination that all of the Policy criteria have not been met. Based on information in the above-referenced GeoTracker record, this agency finds that the subject case does not meet the following Policy criteria:

- **General Criterion e.** – A conceptual site model that assesses the nature, extent, and mobility of the release has been developed;
- **General Criterion f.** – Secondary source has been removed to the extent practicable;
- **Groundwater Media-Specific Criteria;**
- **Petroleum Vapor Intrusion to Indoor Air Criteria;** and
- **Direct Contact and Outdoor Air Exposure Criteria.**

During January 2004, soil samples MW801-10 and MW802-10 collected 10 feet below ground surface reported concentrations of total petroleum hydrocarbons (TPH) as gasoline at 2,500 and 1,300 milligrams per kilogram (mg/kg), respectively. During October 2013 and March 2014, benzene was reported in groundwater from all monitoring wells at concentrations ranging between 1,800 and 13,000 micrograms per liter (µg/L). During December 2014, grab groundwater samples

H792 and H793 were collected to delineate the eastern extent of the plume. These grab groundwater samples reported benzene concentrations in groundwater at 5,700 µg/L and 5,100 µg/L, respectively.

Contamination remains in soil and groundwater. The concentrations of benzene in soil samples exceed the limits in Table 1 of the Policy. Polyaromatic hydrocarbons (PAHs), with the exception of naphthalene, have not been analyzed in soil near the former waste oil UST. The concentrations of TPH in soil samples collected within the bioattenuation zone are greater than 100 mg/kg. Multiple water-bearing units have been identified at the site. The groundwater plume is undefined both vertically and laterally, and the stability of the plume is unknown. Remediation has been performed, however insufficient data has been provided to support that the secondary source has been removed to the maximum extent practicable.

Contaminants remaining at the site continue to pose a potential threat to human health, safety, and the environment. Criteria for low-threat UST case closure have not been met at this time, therefore closure of the UST case is not appropriate. Please continue working with the lead regulatory agency, the Los Angeles Water Board, which is responsible for overseeing assessment, corrective action, and cleanup of releases from leaking USTs at the site.

If you have any questions, please contact George Lockwood at (916) 341-5752 or George.Lockwood@waterboards.ca.gov.

Sincerely,



Victoria A. Whitney, Deputy Director
Division of Water Quality

cc: Long Beach Redevelopment Agency
ATTN: Ms. Barbara Kaiser
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[Via email only]

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