

State Water Resources Control Board

November 7, 2014

Ms. Barbara A. Kaiser
Long Beach Redevelopment Agency
333 West Ocean Boulevard
Long Beach, CA 90802

Dear Ms. Kaiser:

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 site has the following identification numbers:

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

The State Water Board reviewed the closure request dated April 13, 2014 and responses from the Los Angeles Water Board. After careful consideration of the GeoTracker record, Water Board staff agrees with the Los Angeles Water Board staff determination that all of the General and Media-Specific Criteria have not been met. Based on information in the above-referenced case file, this agency finds that this site does not meet the following General and Media-Specific Criteria:

- General Criteria e - A conceptual site model that assesses the nature, extent, and mobility of the release has been developed;
- Groundwater-Specific Criteria (1) a - The contaminant plume that exceeds water quality objectives is less than 100 feet in length;
- Petroleum Vapor Intrusion to Indoor Air Criteria a, Scenario (3) - Shall contain total petroleum hydrocarbons (TPH) (TPH-g and TPH-d combined) at less than 100 milligrams per kilogram (mg/kg) throughout the entire depth of the bioattenuation zone; or
- Direct Contact and Outdoor Air Exposure Criteria a - Maximum concentrations of petroleum constituents in soil are less than or equal to those listed in Table 1 of the Policy.

There is a significant amount of petroleum contamination in the upper groundwater zone. During 2013 and 2014, concentrations of benzene in well MW-790 ranged between 12,000 and 13,000 micrograms per liter ($\mu\text{g/l}$). The contaminant plume length in the upper zone is not delineated east of monitoring wells MW-788 and MW-790. Concentrations of TPH in the bioattenuation zone, near former wells MW-801 and MW-8, are greater than 100 mg/kg. Maximum concentrations of benzene in soil are greater than those listed in Table 1 of the Policy.

Petroleum constituents in soil and groundwater continue to pose a threat to human health, safety and the environment. Criteria for low-threat UST case closure have not been met at this time, and therefore, closure of the UST case is not appropriate

If you have any questions, please contact Mr. Benjamin Heningburg at (916) 341-5749 or benjamin.heningburg@waterboards.ca.gov.

Sincerely,


Victoria A. Whitney, Deputy Director
Division of Water Quality

cc: [Via -email only]

Mr. Samuel Unger, Executive Officer
Los Angeles Water Quality Control Board
(Samuel.Unger@waterboards.ca.gov)

Mr. Weixing Tong
Los Angeles Water Quality Control Board
(Weixing.Tong@waterboards.ca.gov)

Ms. Frances McChesney
Los Angeles Water Quality Control Board
(Frances.McChesney@waterboards.ca.gov)

Mr. Benjamin Heningburg
State Water Resources Control Board
(Benjamin.Heningburg@waterboards.ca.gov)

Ms. Susan L. Mearns
Mearns Consulting LLC
(mearns@mearnsconsulting.com)