

State Water Resources Control Board

January 20th, 2016

Mr. Paul S. and Ms. Patricia E. Nolen
P.O. Box 238
Auberry, CA 93602

Dear Mr. and Ms. Nolen:

CLOSURE DENIAL REVIEW FOR PETROLEUM UNDERGROUND STORAGE TANK CASE,
AUBERRY GARAGE, 33246 AUBERRY ROAD, AUBERRY, FRESNO 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. T0601920015
- Central Valley Regional Water Quality Control Board (Central Valley Water Board), Case No. 5T10000813

State Water Board staff reviewed the closure request dated August 5, 2015 and the response from the Central Valley Water Board. After careful consideration of the GeoTracker record, State Water Board staff agrees with the Central Valley Water Board staff determination that all of the Policy criteria have not been met. Based on information in the above-referenced GeoTracker record, State Water Board staff finds that the subject case does not meet the following Policy criteria:

- **General Criterion a.** – The unauthorized release is located within the service area of a public water system.
- **General Criterion e.** – A conceptual site model that assesses the nature, extent, and mobility of the release has been developed.
- **Groundwater Media-Specific Criteria**
- **Petroleum Vapor Intrusion to Indoor Air Criteria**

Benzene was detected in the groundwater at a concentration of 2,200 micrograms per liter ($\mu\text{g/L}$) in monitoring well MW-11 in July 2015. This indicates a potential risk to the domestic water supply wells located within 250 feet of the projected plume boundary. Furthermore, methyl tertiary-butyl ether was detected at 22 $\mu\text{g/L}$ in monitoring well MW-7, located over 100 feet downgradient of the source area and less than 250 feet from the nearest surface water body (Little Sandy Creek) and domestic water supply well (DW-6).

Total petroleum hydrocarbons as gasoline were detected in soil at a maximum concentration of 6,100 milligrams per kilogram at 10 feet below ground surface. There is no record of removal of impacted soil, indicating a compromised bioattenuation zone and potential risk to human health via the vapor intrusion to indoor air exposure pathway.

Contaminants remaining at the subject 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.

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: [Via email only]

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