



May 24, 2024

Mr. Barry Glotfelty
Director of Environmental Health
Frederick County Health Department
350 Montevue Lane
Frederick, MD 21702-8245

**RE: PETROLEUM IMPACT TO MONITORING WELL IN A
HIGH RISK GROUNDWATER USE AREA
Case No. 2021-0581-FR
Lee Delauter & Sons
12037 Wolfsville Road, Myersville
Frederick County, Maryland
Facility I.D. No. 9268**

Dear Mr. Glotfelty:

This letter is provided in compliance with §4-411.2 of the Environment Article, Annotated Code of Maryland, which requires notification be provided to the appropriate local health department when there is a finding of certain contamination in a groundwater monitoring well sample taken from a high-risk groundwater use area. On May 10, 2024, the Maryland Department of the Environment's (MDE) Oil Control Program (OCP) received a groundwater sampling report in which benzene was detected at a concentration above the notification standards in groundwater monitoring well MW-2, on the subject property, which is owned by Middlepoint Properties, LLC and operated by Lee Delauter & Sons, Inc.

On July 19, 2023, three monitoring wells were installed at this property in accordance with the COMAR requirements for new gasoline underground storage tank (UST) systems operating in a high-risk groundwater use area (HRGUA). The monitoring well network has been sampled on a quarterly basis in response to OCP directives. On February 2, 2024, the presence of benzene was detected in a sample collected from monitoring well MW-2, at a concentration of 5.4 parts per billion (ppb), which exceeds the established notification level of 5 ppb for benzene. Other petroleum-related compounds were detected that exceed MDE's groundwater standards, however these compounds do not have established notification levels. The following compounds were detected exceeding MDE's groundwater standards.

- Benzene was detected at a concentration of 5.4 ppb in MW-2, which exceeds the 5 ppb groundwater standard and notification level.
- Naphthalene was detected at a concentration of 4 ppb in MW-2, which exceeds the 0.17 ppb groundwater standard.

- Total petroleum hydrocarbons – diesel range organics (TPH-DRO) were detected at concentrations ranging from 140 ppb to 5,400 ppb, which exceeds the 47 ppb groundwater standard.
- Total petroleum hydrocarbons – gasoline range organics (TPH-GRO) were detected at a concentration of 1,500 ppb in MW-2, which exceeds the 47 ppb groundwater standard.
- Trichloroethene (TCE) was detected at a concentration of 6.7 ppb in MW-1, which exceeds the 5 ppb groundwater standard. TCE is a non-petroleum compound.

In response to the above detections, MDE required the collection of confirmation samples from the three monitoring wells and the onsite drinking water supply well. On May 13, 2024, the confirmation samples were collected, and benzene was not detected in any of the monitoring wells. Other exceedances were confirmed, including TCE in MW-1 at 5.3 ppb, TPH-DRO in MW-2 at 590 ppb, and TPH-GRO in MW-2 at 1,200 ppb. The sample collected from the onsite drinking water supply well was non-detect for petroleum constituents.

As a result of the confirmed detections, MDE is requiring Lee Delauter & Sons to collect samples from selected nearby properties. MDE will contact the property owners selected for sampling to provide advanced notice that Lee Delauter & Sons will request access for water supply sampling. Once results from the upcoming initial round of select water supply sampling are received, MDE will evaluate the results to determine if additional sampling or other actions are warranted. Based on the recently reported data, the sampling frequency of the on-site monitoring wells and supply well will be quarterly.

Section 4-411.2 of the Environment Article also requires notification to be sent to each owner of a property within 0.5 mile of the site from which the sample was taken. The notice must provide the property owner with information regarding the detection of contamination at the site. MDE appreciates the Frederick County Health Department providing addresses and a site map for all property owners within a 0.5-mile radius of the subject property. MDE anticipates mailing the notice on or before June 7, 2024, to approximately 43 property owners. Frederick County Health Department will receive a copy of the notice as well for its records.

If you have any questions, please contact the case manager, Ms. Lindley Campbell, at 410-537-3387 or lindley.campbell1@maryland.gov.

Sincerely,



Christopher H. Ralston, Program Manager
Oil Control Program

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cc: Mr. Charles Delauter, Lee Delauter & Sons, Inc.
Mr. Patrick Upham, Triad Engineering, Inc.
Mr. Robert Peoples, Division Chief, Source Protection and Administration Division, Water
Supply Program, MDE
Mr. Brian Dietz, Chief, State Assessment and Remediation Div., Land Restoration Program
Ms. Jackie Ryan, Supervisor, Compliance Division, Oil Control Program
Mr. Thomas L. Walter, Division Chief, Compliance Division, Oil Control Program
Ms. Lindley Campbell, Case Manager, Remediation Division, Oil Control Program
Mr. Jim Richmond, Supervisor, Remediation Division, Oil Control Program
Mrs. Susan Bull, Division Chief, Remediation Division, Oil Control Program