



Maryland

Department of the Environment

Wes Moore, Governor
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Adam Ortiz, Deputy Secretary

April 18, 2025

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. 2025-0474-FR
Myersville Crown
9486 Myersville Road, Myersville
Frederick County, Maryland
Facility I.D. No. 1139**

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 April 3, 2025, the Maryland Department of the Environment's (MDE) Oil Control Program (OCP) received a groundwater sampling report in which benzene, toluene, and methyl tertiary-butyl ether (MTBE) were detected at concentrations above the notification standards in groundwater monitoring wells located on the subject property, owned and operated by ARK-1 Limited.

There are five monitoring wells on the station property that were used for monitoring under a previously open remediation case and retained for compliance sampling to comply with the State's high-risk groundwater use area (HRGUA) regulations. The facility is connected to the municipal water supply, although select adjacent properties rely on private on-site drinking water supply wells.

Groundwater samples were collected from the site's five monitoring wells (labeled MW-1, MW-2, MW-3R, EMW-1 and EMW-2) on March 27, 2025. The following compounds were detected exceeding MDE's notification standards:

- Benzene was detected at concentrations ranging from 163 to 1,580 parts per billion (ppb) in monitoring wells EMW-2, EMW-1, and MW-3R, respectively.
- MTBE was detected in monitoring well EMW-2 at a concentration of 30.2 ppb, and

- Toluene was detected in monitoring well EMW-1 at a concentration of 2,420 ppb.

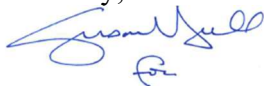
In response to the above detections, OCP required the collection of confirmation samples from all monitoring wells. On April 7, 2025, confirmation samples were collected. Benzene was confirmed at concentrations ranging from 7.6 to 984 ppb in MW-3R, EMW-2, and EMW-1, respectively. MTBE was confirmed at concentrations ranging from 30.5 to 32.2 ppb in EMW-2 and EMW-1, respectively. Toluene was confirmed in EMW-1 at a concentration of 1,560 ppb.

The OCP Compliance Division conducted an initial review of the underground storage tank (UST) systems and did not find evidence of an active or ongoing release from the UST systems. A more thorough inspection of the UST systems will be scheduled, and Myersville Crown will be required to increase monitoring well sampling frequency from annual to quarterly. At this time, OCP does not anticipate sampling any off-site drinking water supply wells. Please be advised that this notification does not necessarily mean any off-site wells have been impacted by the contamination or will be impacted in the future.

§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. OCP 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. OCP anticipates mailing of the notice on or before May 2, 2025, to approximately 27 property owners. Frederick County Health Department will receive a copy of the notice for its records.

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

Sincerely,



Christopher H. Ralston, Program Manager
Oil Control Program

cc: Mr. Ishan Patel, ARK-1, Limited
Ms. Merdith Boyce, Advantage Environmental Consultants, LLC
Mr. Christian Baleshire, Town Manager, Town of Myersville
Mr. Robert Peoples, Division Chief, Source Protection and Administration Division, Water Supply Program, MDE
Ms. Jackie Ryan, Division Chief, Compliance Division, Oil Control Program
Ms. Kathleen Thompson, 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