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

Maryland
Department of
the Environment

Wes Moore, Governor
Aruna Miller, Lt. Governor

Serena McIlwain, Secretary
Suzanne E. Dorsey, Deputy Secretary
Adam Ortiz, Deputy Secretary

May 1, 2025

CERTIFIED MAIL

RE: INFORMATIONAL NOTIFICATION LETTER
Case No. 2025-0474-FR
Myersville Crown
9486 Myersville Road, Myersville
Frederick County, Maryland
Facility I.D. No. 1139

Dear Property Owner:

As a property owner within 0.5 mile of the subject property (see enclosed map), the Maryland Department of the Environment (MDE) is providing this notice to you in compliance with § 4-411.2 of the Environment Article, Annotated Code of Maryland. The purpose of this letter is to notify you that petroleum-related compounds were detected in groundwater samples collected from monitoring wells at the above-referenced property at a concentration exceeding the statutory notification level.

There are five monitoring wells (labeled MW-1, MW-2, MW-3R, EMW-1, and EMW-2) on the station property that are used for sampling to comply with the State's high-risk groundwater use area (HRGUA) regulations. On March 27, 2025, samples were collected from monitoring wells EMW-2, EMW-1, and MW-3R in which benzene was detected at concentrations of 163 parts per billion (ppb), 167 ppb, and 1,580 ppb in, respectively. These concentrations exceed the established notification level of 5 ppb for benzene. In the sample collected from EMW-2, methyl tert-butyl ether (MTBE) was detected at a concentration of 30.2 ppb, which exceeds the established notification level of 20 ppb for MTBE. In the sample collected from EMW-1, toluene was detected at a concentration of 2,420 ppb, which exceeds the established notification level of 1,000 ppb for toluene.

In response to the above detections, MDE required the collection of confirmation samples from all five monitoring wells. On April 7, 2024, confirmation samples were collected. Benzene was confirmed at concentrations of 7.6 ppb, 61.7 ppb, and 984 ppb in EMW-2, EMW-1, and MW-3R, respectively; MTBE was confirmed at 30.5 ppb and 32.2 ppb in EMW-2 and EMW-1, respectively; and toluene was confirmed in EMW-1 at a concentration of 1,560 ppb.

On April 18, 2025, MDE provided official notice to the Frederick County Health Department (FCHD) of the petroleum detections and of the open case. MDE is working with the FCHD to evaluate potential risks to the community associated with the recent detections. In addition, MDE is requiring additional sampling of the on-site monitoring wells and will continue to monitor to ensure protection of the community health and safety. 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.

The subject property and others within the 0.5 mile are connected to a municipal water supply. However, there are properties within the area that rely on private on-site drinking water supply wells. If your property is served by a private well, you may elect to have your well water tested by a private laboratory. Your decision should be based on the proximity of your well to the station and whether you have noticed any change in the taste or odor of your well water. For your convenience, enclosed is a list of private laboratories that can assist you should you decide to have your well water tested. The recommended test to request is U.S. Environmental Protection Agency (EPA) Method 524.2 for full-suite volatile organic compounds (VOCs), including fuel oxygenates and naphthalene. Samples should be collected by a certified sampler, prior to the water passing through any treatment device.

A project Fact Sheet has been prepared to provide information regarding the site (enclosed). The Fact Sheet and other documents related to the investigation will be posted to the OCP webpage: mde.maryland.gov/programs/LAND/OilControl/Pages/remediationsites.aspx.

If you have any questions, please contact Ms. Kathleen Thompson, at 410-537-3487 or *kathleenthompson1@maryland.gov*.

Sincerely,

Christopher H. Ralston, Program Manager
Oil Control Program

Enclosures: Map
Fact Sheet
Testing Laboratory List

cc: Mr. Ishan Patel, ARK-1, Limited
Ms. Merdith Boyce, Advantage Environmental Consultants, LLC
Mr. Christian Baleshire, Town Manager, Town of Myersville
Mr. Barry Glotfelty, Director of Environmental Health, Frederick County Health Department
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. Lindley Campbell, Remediation Division, Oil Control Program
Mr. Jim Richmond, Supervisor, Remediation Division, Oil Control Program
Mrs. Susan Bull, Division Chief, Remediation Division, Oil Control Program

9486 Myersville Rd
1/2 Mile Buffer

- Addresses
- 1/2 Mile Buffer (Distance from Parcel)
- Parcels Intersected by Buffer

Frederick County, Maryland
Division of Planning and Permitting
Frederick County GIS
April 08, 2025

0 0.05 0.1 0.2 Miles

N

Projection: NAD 1983 State Plane Maryland FIPS 1900 Feet
While efforts have been made to ensure the accuracy of this map, Frederick County accepts no liability or responsibility for errors, omissions, or positional inaccuracies in the content of this map. Reliance on this map is at the risk of the user. This map is for illustration purposes only and should not be used for surveying, engineering, or site-specific analysis.
Printed April 08, 2025

Maryland Department of the Environment

Groundwater Investigation

Myersville Crown (Case No. 2025-0474-FR)

Maryland Department of the Environment's (MDE) Oil Control Program (OCP) received notification of petroleum constituents in the groundwater and is currently evaluating this notification for Myersville Crown, located at 9486 Myersville Road in Myersville. This facility is owned and operated by ARK-1 Limited and has been an active gasoline retail station since at least the 1980s under various ownership. OCP is monitoring this facility under Case No. 2025-0474-FR.

Site Location

The facility is located in a high-risk groundwater use area (HRGUA). The facility has two active 10,000-gallon underground storage tank (UST) systems at the site, installed in February 2015. One 10,000-gallon UST stores gasohol and one 10,000-gallon UST consists of two compartments, one 5,000-gallon compartment storing diesel and one 5,000-gallon compartment storing gasohol. The USTs are double-walled fiberglass and are equipped with double-walled fiberglass piping. Currently, five groundwater monitoring wells are located on the site. The facility is connected to the municipal water supply.

Site History

The Department of Natural Resources – Water Resources Administration (DNR-WRA, a precursor to MDE), then later MDE-OCP have monitored the water quality at this location dating back to 1984, under Case No. 1990-1304-FR. Case No. 1990-1304-FR was closed on March 12, 2025, with a *Notice of Compliance* letter to the previous facility owner and a *Site Status Case Closure and Future Groundwater Monitoring* letter to the current facility owner.

Environmental Investigations and Actions

On April 3, 2025, OCP received a sampling report showing the detection of dissolved phase petroleum-related compounds in three monitoring wells above notification standards established in § 4-411.2 of the Environment Article, Annotated Code of Maryland. Benzene was reported at concentrations of 163, 167, and 1,580 parts per billion (ppb) in EMW-2, EMW-1, and MW-3R, respectively, which exceed the notification level of 5 ppb for benzene. MTBE was reported at a concentration of 30.2 ppb in EMW-2, which exceeds the notification level of 20 ppb for MTBE. Toluene was reported at a concentration of 2,420 ppb in EMW-1, which exceeds the notification level of 1,000 ppb for toluene. In response to the above detections, OCP required the collection of confirmation samples from all five monitoring wells, which were collected on April 7, 2024. Benzene was confirmed at 7.6 ppb, 61.7 ppb, and 984 ppb in EMW-2, EMW-1, and MW-3R, Maryland Department of the Environment

Maryland-Certified Laboratories for the Sampling of Petroleum-Related Compounds in Private Supply Wells

The following list of laboratories has been compiled to assist property owners in finding Maryland-certified laboratories to collect and/or analyze drinking water samples for the purpose of testing for petroleum hydrocarbons. This list was prepared by the Maryland Department of the Environment (MDE) from information known and available at the time of preparation. MDE makes no claim as to its completeness, or to the quality of work performed. Inclusion on this list is not to be considered an endorsement by the State of Maryland. MDE strongly recommends that the consumer obtain prices and review company references before entering into agreements with any contractors or service providers.

Recommended Test Methods

EPA Method 524.2 is the recommended method for laboratory analysis of groundwater samples collected from drinking water supply wells. EPA Method 524.2 encompasses a wide range of VOCs including petroleum hydrocarbons such as benzene, toluene, ethylbenzene, and xylene (BTEX), fuel oxygenates (e.g., methyl tertiary butyl ether [MTBE]), and naphthalene.

EPA Method 8015(c) is the recommended method for laboratory analysis of groundwater samples collected from drinking water supply wells for total petroleum hydrocarbons – diesel range organics (TPH-DRO). It is important when contracting a laboratory to collect and/or analyze for EPA Method 8015(c) that you ensure the laboratory is capable of analyzing the sample to the drinking water standard of 47 parts per billion (ppb) (which can also be stated as micrograms per liter or ug/L).

Maryland Certified Labs

Advanced Environmental Concepts, Inc.
1751 Pulaski Hwy.
Havre de Grace, Maryland 21078
410-939-5550

Caliber Analytical Services, LLC
8851 Orchard Tree Lane
Towson, Maryland 21286
410-220-5212

Maryland Spectral Services, Inc.
1500 Caton Center Drive, Suite G
Baltimore, Maryland 21227
410-247-7600

Phase Separation Science, Inc.
6630 Baltimore National Pike
Baltimore, Maryland 21228
410-747-8770

Jessica Fitzwater
County Executive

FREDERICK COUNTY GOVERNMENT

DIVISION OF SOLID WASTE AND RECYCLING

Lee Zimmerman, Director

IMPORTANT: Notice of Change in Solid Waste Tipping Fees
- DO NOT DISCARD -

Town of Myersville
PO Box 295
Myersville, MD 21773-0295

May 1st, 2025

Dear Town of Myersville:

Since becoming its own division in 2020, the Frederick County Division of Solid Waste and Recycling has looked for opportunities to modernize and meet the needs of Maryland's fastest-growing county.

In this process, we've identified the need to modernize our billing, weighing, and accounting software. To meet this need, we are upgrading to Paradigm 6 software beginning July 1st, 2025. This software will streamline much of our operation, including a new payment portal that will allow better access for account holders to make payments and view invoices.

However, this upgrade does impact a key component of our tipping fee structure. Due to nuances within this software and the need to update our critical integrated solid waste infrastructure, beginning **July 1st, 2025,** there will no longer be a cash discount, there will be a $10 minimum fee for all chargeable disposal services, and a $25 per ton yard-waste fee will be implemented.

No action is required by your company at this time. If you need to update any of your contact information or have any questions, please call 301-600-7230.

Sincerely,

Kip Kelley
Commercial Analyst
Frederick County Division of Solid Waste and Recycling
9031 Reichs Ford Road
Frederick, MD 21704
301-600-7230
KKelley@frederickcountymd.gov