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,

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.

Current Status

MDE is working with the Frederick County Health Department to notify property owners within one-half mile of the site, as required by state law. MDE will require additional sampling of the on-site monitoring wells and evaluate the need for additional actions to ensure protection of human health and the environment.

Future Updates

Postings available: https://mde.maryland.gov/programs/land/OilControl/Pages/remediationsites.aspx.

File available at MDE's headquarters in Baltimore.

CONTACTS

Oil Control Program: 410-537-3442 or 1-800-633-6101, ext. 3442

DISCLAIMER

The intent of this fact sheet is to provide the reader a summary of site events as they are contained within documents available to MDE. To fully understand the site and surrounding environmental conditions, MDE recommends that the reader review the case file, which can be requested through the Public Information Act. The inclusion of a person or company's name within this fact sheet is for informational purposes only and should not be considered a conclusion by MDE on liability, involvement in a wrongful act, or contribution to environmental damage.

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

Maryland
Department of
the Environment

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

Fredericktowne Lab, Inc.*
3020 Suite A Ventrie Court
Myersville, Maryland 21773
301-293-3340

Fountain Valley Analytical Laboratory, Inc.*
1413 Old Taneytown Road
Westminster, Maryland 21158
410-848-1014

Martel Laboratories JDS, Inc.
1025 Cromwell Bridge Road
Baltimore, Maryland 21286
410-825-7790

** MDE Certified samplers are available to collect water samples, VOC analysis is subcontracted to another lab*

Questions

If you have additional questions or to report a detection of petroleum compounds in your drinking water, please contact the Oil Control Program at 410-537-3442.