



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

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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

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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

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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,



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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

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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

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

File available at MDE's headquarters in Baltimore.

### CONTACTS

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

### DISCLAIMER

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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.