# Annual Groundwater Monitoring Report
# 2025

**Gasoline Fueling Station – Myersville Crown**
**9486 Myersville Road**
**Myersville, Maryland 21773**
**MDE Case No. 1990-1304FR**
**MDE Facility ID No. 1139**

**AEC Project Number: 06-170**

**Prepared for:**
Maryland Department of the Environment
Attn: Ms. Susan Bull
Oil Control Program
1800 Washington Boulevard, Suite 620
Baltimore, Maryland 21230-1719

And

Mr. Ishan Patel
ARK-1 Limited
9486 Myersville Road
Myersville, Maryland 21773

**Prepared by:**
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April 21, 2025

***ADVANTAGE ENVIRONMENTAL CONSULTANTS, LLC***

# Annual Groundwater Monitoring Report – 2025

**Prepared by:** Carter Marino
**Title:** Staff Scientist

**Reviewed by:** Meredith Boyce
**Title:** Senior Project Manager

## Regulatory Information

| | |
|---|---|
| Regulatory Agency: | Maryland Department of the Environment |
| Agency Contact: | Susan Bull |
| Facility ID: | 1139 |
| Current Case Status: | CASE CLOSED: Annual High Risk Groundwater Use Area (HRGUA) sampling in accordance with COMAR 26.10.02.03-4. |
| Reporting Period: | 2025 |

## General Site Information

| | |
|---|---|
| Myersville Crown Contact: | Ishan Patel |
| Consultant Contact: | Meredith Boyce |
| Facility Status: | Operating fuel station |
| Area Property Use: | See Site Vicinity Map and Site Map (Figures 1 and 2) |
| Monitoring Wells: | MW-1, MW-2, MW-3R, EMW-1, and EMW-2 |
| Tank Field Monitoring Pipes: | TP-1A, TP-2A |
| Potable Wells: | On-site: 9486 Myersville Road (unknown permit number) currently abandoned |

## Activities Completed this Period

| | |
|---|---|
| Sampling Date: | March 27, 2025; April 7, 2025 |
| Wells Sampled: | MW-1, MW-2, MW-3R, EMW-1, EMW-2 |
| LPH Present: | No |
| Minimum/Maximum Groundwater Elevation: | 80.02 feet / 90.38 feet |
| Groundwater Flow Direction: | Southwest |

## Attachments

**Attachment A** **Figures**

- Figure 1 Site Vicinity Map
- Figure 2 Monitoring Well Location Map
- Figure 3 Groundwater Gradient Map
- Figure 4 Groundwater Quality Map (3/27/2025)
- Figure 5 Groundwater Quality Map (4/7/2025)

**Attachment B** **Tables**

- Table 1 Historical Groundwater Elevation Data
- Table 2 Historical Groundwater Quality Analytical Results

**Attachment C** Laboratory Analytical Results and Chain of Custody Form

## Introduction and Background

Advantage Environmental Consultants, LLC (AEC) completed two rounds of sampling of the five groundwater monitoring wells located at 9486 Myersville Road in Myersville, Maryland (i.e., the "Site").

Case No. 1990-1304-FR pertaining to the Site was closed in a letter titled *Site Status and Case Closure Future Groundwater Monitoring* from the Maryland Department of the Environment (MDE) Oil Control Program (OCP) dated December 26, 2024. The MDE OCP letter also directed that based on the currently active UST system at the Site being in a HRGUA, in accordance with Code of Maryland Regulations (COMAR) 26.10.02.03-4, groundwater sampling of the five on-site groundwater monitoring wells and an evaluation of the tank field monitoring pipes for the presence of petroleum hydrocarbons would be conducted annually.

AEC conducted the HRGUA groundwater sampling event on March 27, 2025. Laboratory analytical results were received on April 3, 2025 and indicated that multiple wells contained concentrations of Volatile Organic Compounds (VOCs) above their respective MDE Generic Numeric Cleanup Standard for Type I and II Aquifers (Regulatory Standard). The presence and concentrations of the VOCs found above their respective Regulatory Standard were reported to the MDE OCP case manager, Ms. Susan Bull on that same date.

On April 4, 2025, following the report of the VOC concentrations above their respective regulatory standard, the MDE OCP requested a second, confirmatory sampling event of all five groundwater monitoring wells on site. The second sampling event was conducted on April 7, 2025.

Figure 1 in Attachment A illustrates the Site vicinity. Figure 2 in Attachment A illustrates the groundwater monitoring wells, tank field monitoring pipes (TFMPs), and other relevant site features. The following is a description of this work and the results of the recent groundwater sampling effort.

## Groundwater Gauging and Sampling

Groundwater levels within each monitoring well were measured on the day of each sampling event using an interphase probe accurate to 0.01 feet. The interphase probe was cleaned (Alconox and water rinse) prior to use in each well. Each monitoring well was checked for the presence of liquid phase hydrocarbons (LPH) using the interphase probe. No LPH was observed in any of the monitoring wells. Monitoring well gauging data is summarized in Table 1 of Attachment B. A site map illustrating the locations of all the groundwater monitoring wells, tank field monitoring pipes, and other relevant site features is included as Figure 2 in Attachment A.

The groundwater samples were collected on March 27, 2025 and April 7, 2025 in accordance with Environmental Protection Agency (EPA) protocols. Groundwater samples were collected from the monitoring wells by first gauging and purging at least three well volumes using a PVC bailer which was cleaned prior to use in each well. After purging, each well was allowed to recharge for a period of at least one hour prior to sampling. The monitoring well samples were collected using a dedicated disposable high-density polyethylene (HDPE) sampling bailer for each sample. Each groundwater sample was directly transferred into 40-milliliter glass vials with Teflon-lined septa and one-liter amber glass jars preserved with hydrochloric acid, as appropriate. Once collected, the samples were placed on ice in a cooler to await shipment to the laboratory. The samples were analyzed for VOCs including fuel oxygenates, naphthalene and ethanol per EPA Analytical Method 8260. The April 7, 2025 samples were also analyzed for total petroleum hydrocarbons (TPH) gasoline range organics (GRO) per EPA Analytical Method 8015, and TPH diesel range organics (DRO) per EPA Analytical Method 8015.

## March 27, 2025 Sampling Results

All five of the groundwater monitoring well samples collected on March 27, 2025 were analyzed for VOCs including fuel oxygenates, naphthalene and ethanol per EPA Analytical Method 8260.

Laboratory analysis detected the VOCs benzene, methyl tert-butyl ether (MTBE), naphthalene, toluene, 1,2,4-trimethylbenzene, and 1,3,5-trimethylbenzene above their respective Regulatory Standards in select samples. Benzene was detected above its respective Regulatory Standard in samples MW-3R, EMW-1, and EMW-2. MTBE was detected above its respective Regulatory Standard in sample EMW-2. Naphthalene was detected above its respective Regulatory Standard in samples MW-2 and EMW-1. Toluene was detected above its respective Regulatory Standard in sample EMW-1. 1,2,4-Trimethylbenzene was detected above its respective Regulatory Standard in samples MW-2 and EMW-1. 1,2,5-Trimethylbenzene was detected above its respective Regulatory Standard in sample EMW-1. All other analytes were detected below their respective Regulatory Standard or were below laboratory detection limits.

A Groundwater Quality Map is included as Figure 4 in Attachment A. Historical groundwater analytical results are included as Table 2 in Attachment B. The complete laboratory analytical report and chain-of-custody documentation is included as Attachment C.

## April 7, 2025 Confirmatory Sampling Results

All five of the groundwater monitoring well samples collected on April 7, 2025 were analyzed for VOCs including fuel oxygenates, naphthalene and ethanol per EPA Analytical Method 8260, TPH GRO per EPA Analytical Method 8015, and TPH DRO per EPA Analytical Method 8015.

Laboratory analytical results detected the VOCs benzene, MTBE, naphthalene, toluene, 1,2,4-trimethylbenzene, and 1,3,5-trimethylbenzene above their respective Regulatory Standards in select samples. Benzene was detected above its respective Regulatory Standard in samples MW-3R, EMW-1, and EMW-2. MTBE was detected above its respective Regulatory Standard in samples EMW-1 and EMW-2. Naphthalene was detected above its respective Regulatory Standard in sample EMW-1. Toluene was detected above its respective Regulatory Standard in sample EMW-1. 1,2,4-Trimethylbenzene was detected above its respective Regulatory Standard in sample EMW-1. 1,3,5-Trimethylbenzene was detected above its respective Regulatory Standard in sample EMW-1. All other analytes were detected below their respective Regulatory Standard or were below laboratory detection limits.

Laboratory analytical results detected TPH GRO above its Regulatory Standard in four samples, MW-2, MW-3R, EMW-1, and EMW-2. TPH DRO was detected above its respective Regulatory Standard in all five samples submitted for laboratory analysis.

A Groundwater Quality Map is included as Figure 5 in Attachment A. Historical groundwater analytical results are included as Table 2 in Attachment B. The complete laboratory analytical report and chain-of-custody documentation is included as Attachment C.

## Tank Field Monitoring Pipe Evaluation

AEC performed an evaluation of the TFMPs. AEC screened each TFMP with a photoionization detector (PID) for the presence of petroleum hydrocarbon vapors. A plastic covering was securely fastened over each TFMP, and allowed to sit for a period of 15 minutes. The plastic barrier was then punctured with the PID nozzle, and a reading was taken. Petroleum hydrocarbon vapors were detected in both TP-1A and TP-2A on March 27, 2025 and April 7, 2025. On March 27, 2025 TP-1A had a peak PID reading of 1,109 parts per million (ppm) while TP-2A had a peak PID reading of 2,174 ppm. On April 7, 2025 TP-1A had a peak PID reading of 86.4 ppm while TP-2A had a peak PID reading of 230.5 ppm. The TFMPs were gauged for depth-to-water using a water level indicator and checked for the presence of LPH using a dedicated, disposable sampling bailer. LPH was not detected in any of the TFMPs.

## Conclusions and Recommendations

Multiple constituents including benzene, toluene, naphthalene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, MTBE, TPH GRO, and TPH DRO were found above Regulatory Criteria in on-site wells. Concentrations are significantly greater than recent prior sampling rounds conducted in 2023. Reportedly, a petroleum surface spill recently occurred in the vicinity of EMW-1 and EMW-2 where concentrations are greatest. Continued monitoring of groundwater should continue in accordance with any directive from the MDE OCP.

# Attachment A

# Figures

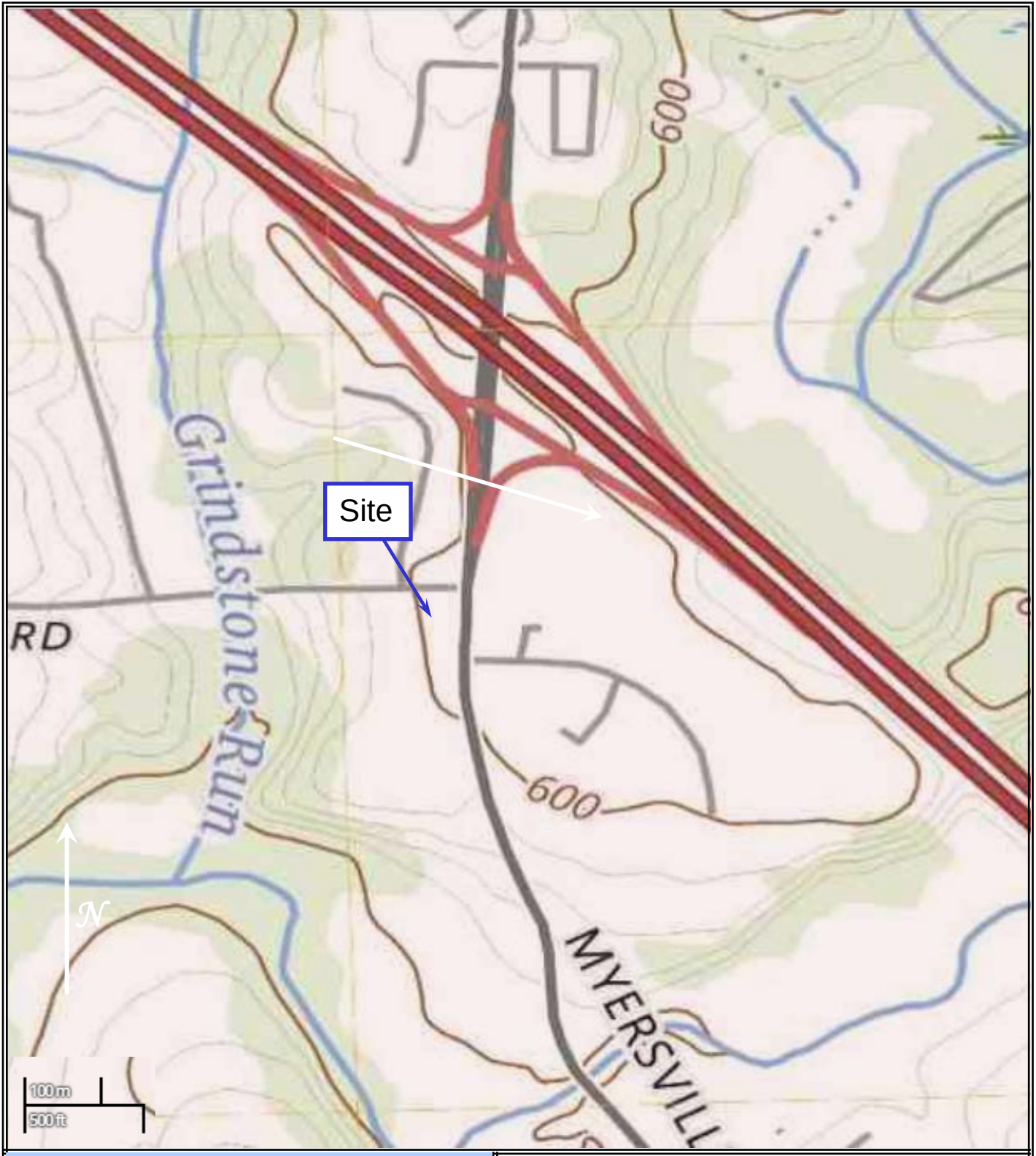


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**Figure 1 – Site Vicinity Map**
USGS 7.5' Series, Middletown MD Quadrangle
Myersville Crown Station
9486 Myersville Road
Myersville, Maryland 21773

| AEC Project No.: | Report Date: | Drawn By: |
|---|---|---|
| 06-170 | April 2025 | CMM |


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Legend

= Monitoring Well

= Tank Field Monitoring Pipe

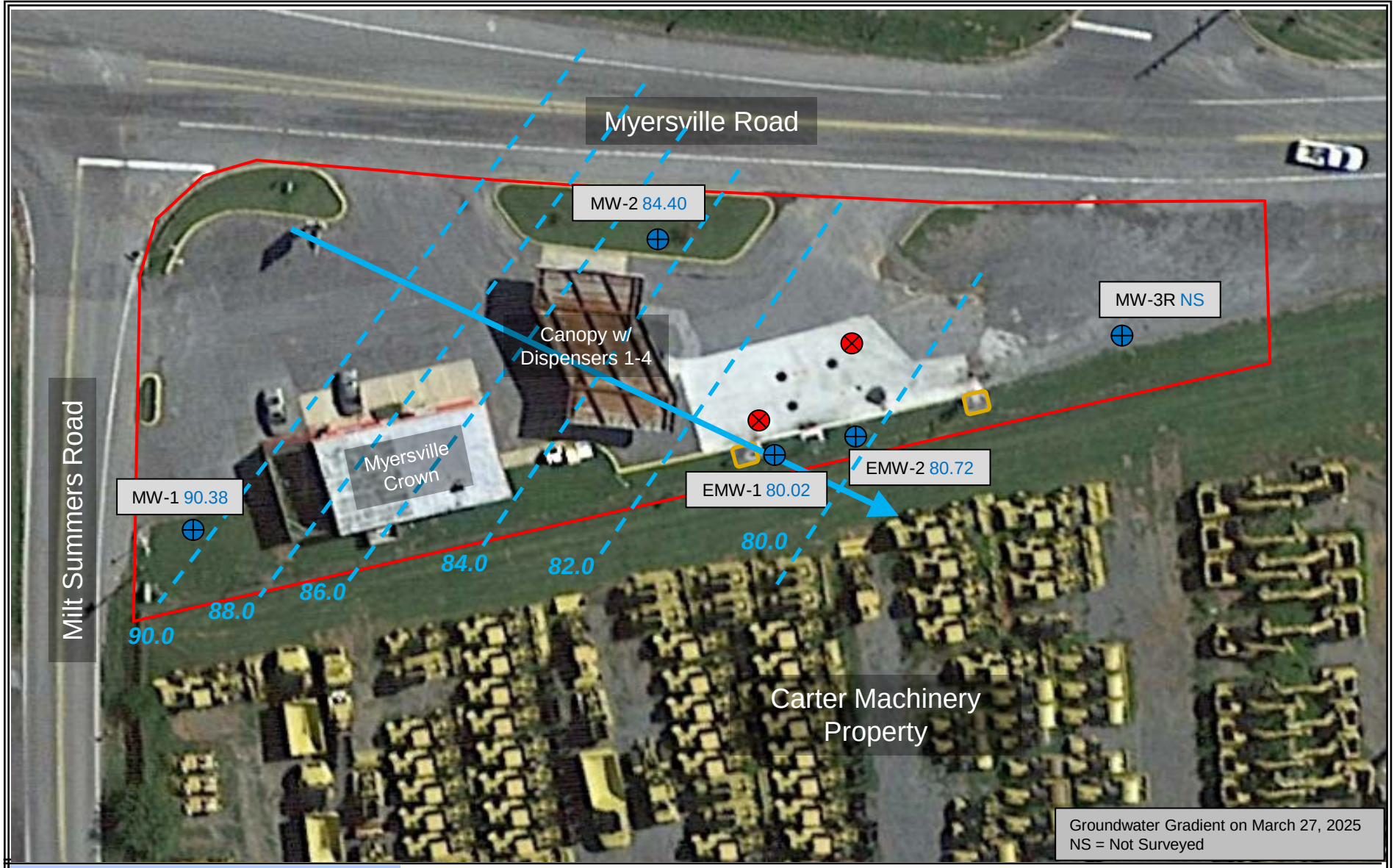
= Dispenser

= Site Boundary

N

**Figure 2 – Monitoring Well Location Map**
Myersville Crown Station
9486 Myersville Road
Myersville, Maryland 21773

| Project No.: | Report Date: | Drawn By: |
|---|---|---|
| 06-170 | April 2025 | CMM |





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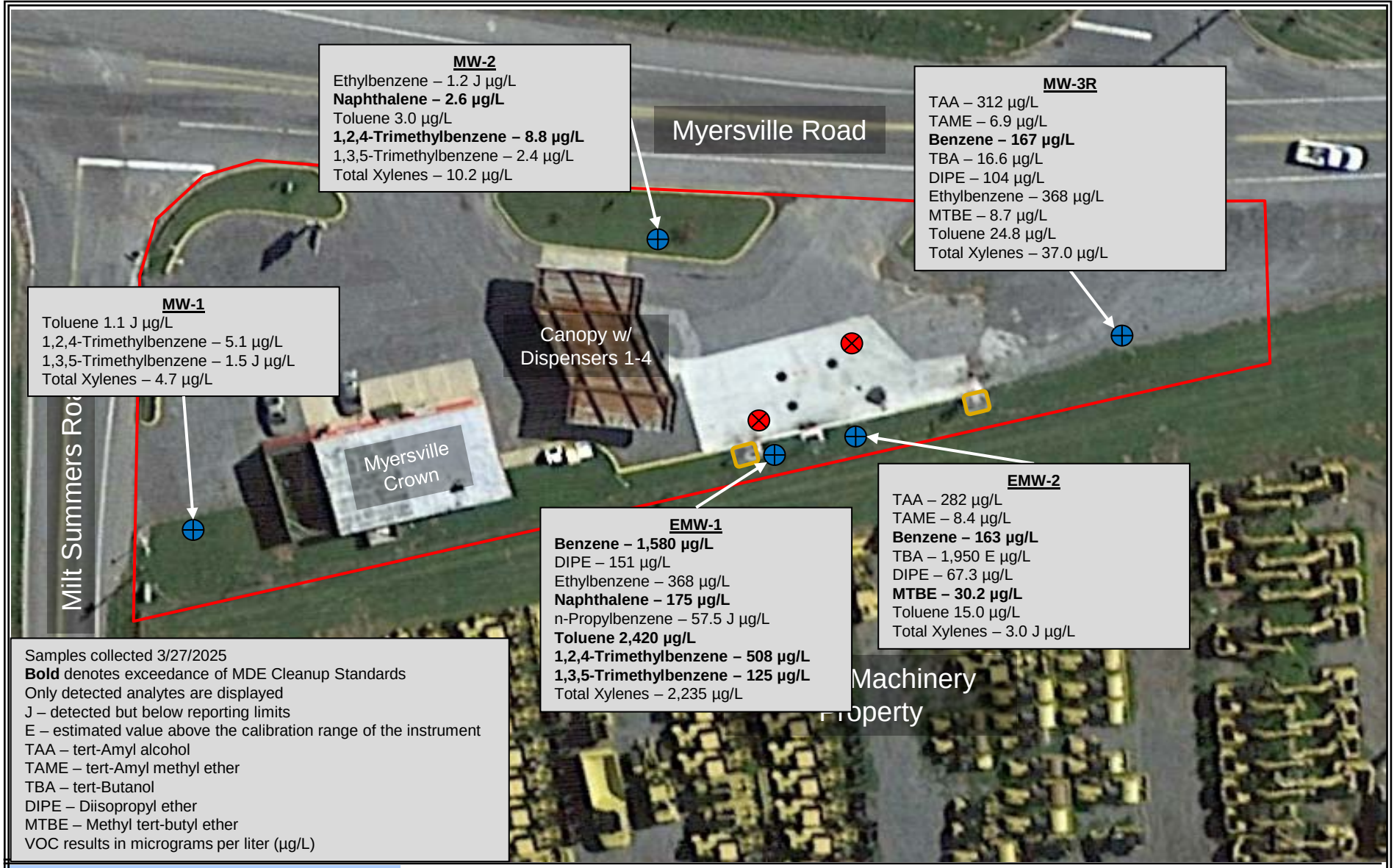
Legend

= Monitoring Well
= Tank Field Monitoring Pipe
= Dispenser
= Groundwater Flow
= Site Boundary
= Groundwater Contour

N

**Figure 3 – Groundwater Gradient Map**
Myersville Crown Station
9486 Myersville Road
Myersville, Maryland 21773

| Project No.: | Report Date: | Drawn By: |
|---|---|---|
| 06-170 | April 2025 | CMM |




Samples collected 3/27/2025
**Bold** denotes exceedance of MDE Cleanup Standards
Only detected analytes are displayed
J – detected but below reporting limits
E – estimated value above the calibration range of the instrument
TAA – tert-Amyl alcohol
TAME – tert-Amyl methyl ether
TBA – tert-Butanol
DIPE – Diisopropyl ether
MTBE – Methyl tert-butyl ether
VOC results in micrograms per liter (µg/L)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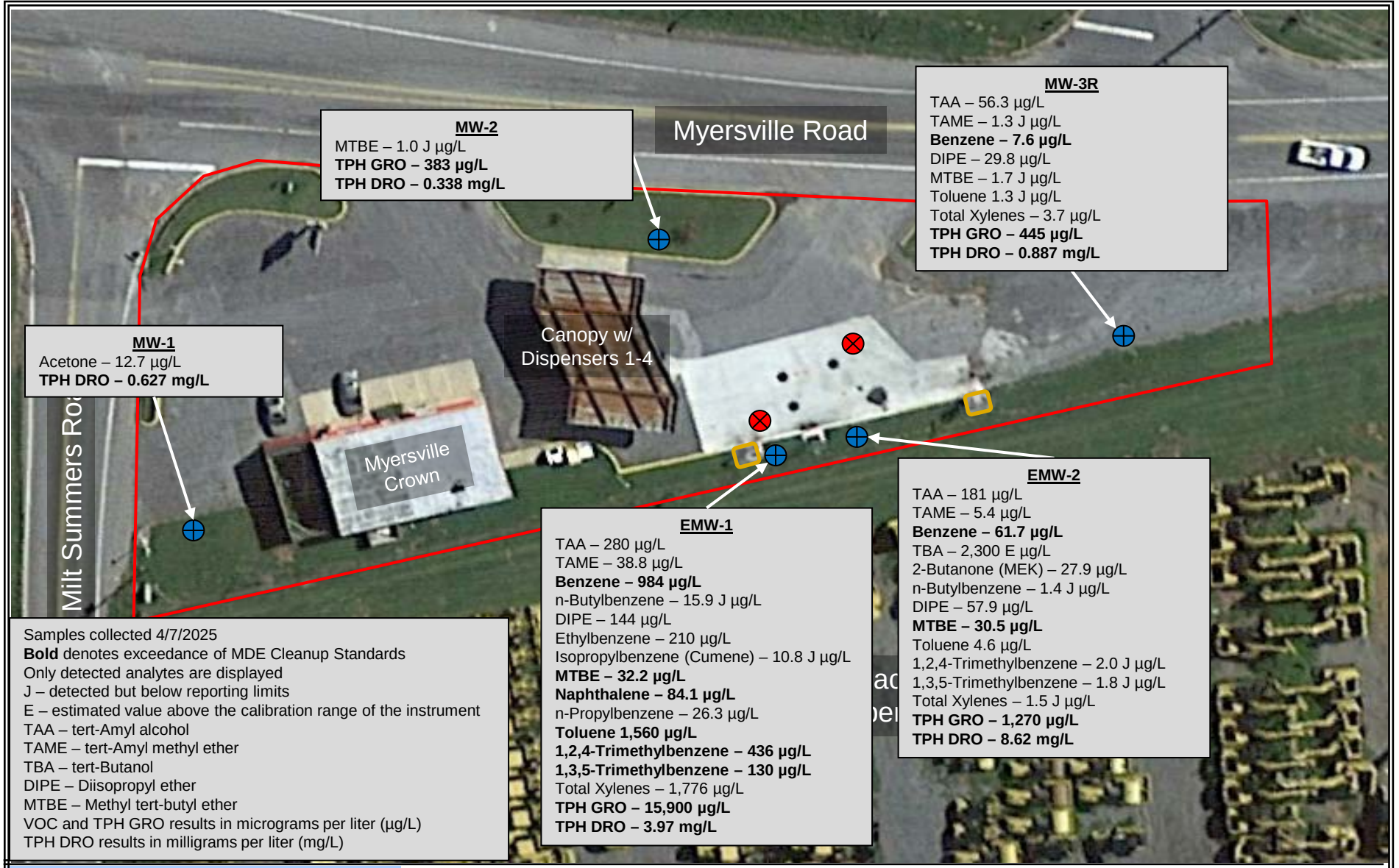
Legend
= Monitoring Well
= Tank Field Monitoring Pipe
= Dispenser
= Site Boundary

N

**Figure 4 – Groundwater Quality Map**
Myersville Crown Station
9486 Myersville Road
Myersville, Maryland 21773

| Project No.: | Report Date: | Drawn By: |
|---|---|---|
| 06-170 | April 2025 | CMM |




Samples collected 4/7/2025
**Bold** denotes exceedance of MDE Cleanup Standards
Only detected analytes are displayed
J – detected but below reporting limits
E – estimated value above the calibration range of the instrument
TAA – tert-Amyl alcohol
TAME – tert-Amyl methyl ether
TBA – tert-Butanol
DIPE – Diisopropyl ether
MTBE – Methyl tert-butyl ether
VOC and TPH GRO results in micrograms per liter (µg/L)
TPH DRO results in milligrams per liter (mg/L)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Legend
- = Monitoring Well
- = Tank Field Monitoring Pipe
- = Dispenser
- = Site Boundary

N

**Figure 5 – Groundwater Quality Map**
Myersville Crown Station
9486 Myersville Road
Myersville, Maryland 21773

| Project No.: | Report Date: | Drawn By: |
|---|---|---|
| 06-170 | April 2025 | CMM |

# Attachment B

# Tables

**Table 1 - Historical Groundwater Elevation Data**
**Gasoline Fueling Station – Myersville Crown**
**9486 Myersville Road, Myersville, Maryland 21773**

| Well No. | Date | Depth to Water | TOC Elevation | Water Elevation |
|---|---|---|---|---|
| MW-1 | 11/12/2008 | 11.91 | 97.48 | 85.57 |
| | 2/12/2009 | 11.34 | 97.48 | 86.14 |
| | 8/13/2009 | 7.55 | 97.48 | 89.93 |
| | 3/18/2010 | 8.27 | 97.48 | 89.21 |
| | 10/19/2010 | 9.83 | 97.48 | 87.65 |
| | 9/26/2011 | 7.93 | 97.48 | 89.55 |
| | 5/2/2012 | 6.20 | 97.48 | 91.28 |
| | 1/17/2013 | 5.81 | 97.48 | 91.67 |
| | 8/23/2013 | 6.85 | 97.48 | 90.63 |
| | 6/12/2014 | 5.63 | 97.48 | 91.85 |
| | 3/25/2015 | 6.59 | 97.48 | 90.89 |
| | 6/23/2015 | 7.17 | 97.48 | 90.31 |
| | 9/21/2015 | 6.51 | 97.48 | 90.97 |
| | 6/30/2016 | 7.03 | 97.48 | 90.45 |
| | 9/30/2016 | 6.53 | 97.48 | 90.95 |
| | 12/23/2016 | 7.11 | 97.48 | 90.37 |
| | 3/24/2017 | 6.28 | 97.48 | 91.20 |
| | 11/1/2017 | 6.72 | 97.48 | 90.76 |
| | 3/23/2018 | 5.98 | 97.48 | 91.50 |
| | 6/19/2018 | 6.10 | 97.48 | 91.38 |
| | 9/28/2018 | 5.31 | 97.48 | 92.17 |
| | 12/3/2018 | 5.39 | 97.48 | 92.09 |
| | 3/11/2019 | 5.17 | 97.48 | 92.31 |
| | 6/12/2019 | 6.17 | 97.48 | 91.31 |
| | 9/12/2019 | 6.34 | 97.48 | 91.14 |
| | 12/4/2019 | 5.98 | 97.48 | 91.50 |
| | 12/1/2021 | 8.88 | 97.48 | 88.60 |
| | 8/24/2023 | 6.90 | 97.48 | 90.58 |
| | 11/15/2023 | 5.86 | 97.48 | 91.62 |
| | 3/27/2025 | 7.10 | 97.48 | 90.38 |
| | 4/7/2025 | 7.10 | 97.48 | 90.38 |
| MW-2 | 11/12/2008 | 16.58 | 99.87 | 83.29 |
| | 2/12/2009 | 15.48 | 99.87 | 84.39 |
| | 8/13/2009 | 14.42 | 99.87 | 85.45 |
| | 3/18/2010 | 10.60 | 99.87 | 89.27 |
| | 10/19/2010 | 13.74 | 99.87 | 86.13 |
| | 9/26/2011 | 13.98 | 99.87 | 85.89 |
| | 5/2/2012 | 14.28 | 99.87 | 85.59 |
| | 1/17/2013 | 10.90 | 99.87 | 88.97 |
| | 8/23/2013 | 15.25 | 99.87 | 84.62 |
| | 6/12/2014 | 10.55 | 99.87 | 89.32 |
| | 3/25/2015 | 11.80 | 99.87 | 88.07 |
| | 6/23/2015 | 12.50 | 99.87 | 87.37 |
| | 9/21/2015 | 14.60 | 99.87 | 85.27 |
| | 6/30/2016 | 13.08 | 99.87 | 86.79 |
| | 9/30/2016 | 15.30 | 99.87 | 84.57 |
| | 12/23/2016 | 14.66 | 99.87 | 85.21 |
| | 3/24/2017 | 12.87 | 99.87 | 87.00 |
| | 11/1/2017 | 12.45 | 99.87 | 87.42 |
| | 3/23/2018 | 12.11 | 99.87 | 87.76 |
| | 6/19/2018 | 12.35 | 99.87 | 87.52 |
| | 9/28/2018 | 9.54 | 99.87 | 90.33 |
| | 12/3/2018 | 11.81 | 99.87 | 88.06 |
| | 3/11/2019 | 11.55 | 99.87 | 88.32 |
| | 6/12/2019 | 14.42 | 99.87 | 85.45 |
| | 9/12/2019 | 14.45 | 99.87 | 85.42 |
| | 12/4/2019 | 13.28 | 99.87 | 86.59 |
| | 12/1/2021 | 10.75 | 99.87 | 89.12 |
| | 8/24/2023 | 16.43 | 99.87 | 83.44 |
| | 11/15/2023 | 12.13 | 99.87 | 87.74 |
| | 3/27/2025 | 15.47 | 99.87 | 84.40 |
| | 4/7/2025 | 14.72 | 99.87 | 85.15 |

**Table 1 - Historical Groundwater Elevation Data**
**Gasoline Fueling Station – Myersville Crown**
**9486 Myersville Road, Myersville, Maryland 21773**

| Well No. | Date | Depth to Water | TOC Elevation | Water Elevation |
|---|---|---|---|---|
| MW-3R | 11/12/2008 | 18.49 | NS | ND |
| | 2/12/2009 | 15.59 | NS | ND |
| | 8/13/2009 | 14.28 | NS | ND |
| | 3/18/2010 | 12.92 | NS | ND |
| | 10/19/2010 | 14.81 | NS | ND |
| | 9/26/2011 | 14.63 | NS | ND |
| | 5/2/2012 | 14.87 | NS | ND |
| | 1/17/2013 | 13.00 | NS | ND |
| | 12/28/2023 | 13.03 | NS | ND |
| | 3/27/2025 | 16.12 | NS | ND |
| | 4/7/2025 | 12.29 | NS | ND |
| MW-4 | 8/12/2009 | 20.87 | 85.77 | 64.90 |
| | 3/18/2010 | 19.63 | 85.77 | 66.14 |
| | 10/19/2010 | ND | 85.77 | ND |
| | 9/26/2011 | ND | 85.77 | ND |
| | 5/2/2012 | 22.31 | 85.77 | 63.46 |
| | 1/17/2013 | 22.06 | 85.77 | 63.71 |
| | 8/23/2013 | 26.42 | 85.77 | 59.35 |
| | 6/12/2014 | 22.40 | 85.77 | 63.37 |
| | 3/25/2015 | 22.82 | 85.77 | 62.95 |
| | 6/23/2015 | 23.00 | 85.77 | 62.77 |
| | 9/21/2015 | 24.00 | 85.77 | 61.77 |
| | 6/30/2016 | 23.50 | 85.77 | 62.27 |
| | 9/30/2016 | 23.94 | 85.77 | 61.83 |
| | 12/23/2016 | 23.93 | 85.77 | 61.84 |
| | 3/24/2017 | 23.29 | 85.77 | 62.48 |
| | 11/1/2017 | 22.65 | 85.77 | 63.12 |
| | 3/23/2018 | 23.33 | 85.77 | 62.44 |
| | 6/19/2018 | 23.20 | 85.77 | 62.57 |
| | 9/28/2018 | 20.40 | 85.77 | 65.37 |
| | 12/3/2018 | 22.59 | 85.77 | 63.18 |
| | 3/11/2019 | 21.31 | 85.77 | 64.46 |
| | 6/12/2019 | 23.42 | 85.77 | 62.35 |
| | 9/12/2019 | 23.82 | 85.77 | 61.95 |
| | 12/4/2019 | 22.85 | 85.77 | 62.92 |
| | 12/1/2021 | 24.55 | 85.77 | 61.22 |
| | 8/24/2023 | 24.56 | 85.77 | 61.21 |
| | 11/15/2023 | 22.51 | 85.77 | 63.26 |
| MW-4 Abandoned on November 25, 2024 | | | | |

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**Gasoline Fueling Station – Myersville Crown**
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| Well No. | Date | Depth to Water | TOC Elevation | Water Elevation |
|---|---|---|---|---|
| EMW-1 | 11/12/2008 | 18.74 | 100.58 | 81.84 |
| | 2/12/2009 | 18.40 | 100.58 | 82.18 |
| | 8/13/2009 | 16.99 | 100.58 | 83.59 |
| | 3/18/2010 | 15.45 | 100.58 | 85.13 |
| | 10/19/2010 | 16.88 | 100.58 | 83.70 |
| | 9/26/2011 | 17.92 | 100.58 | 82.66 |
| | 5/2/2012 | 18.10 | 100.58 | 82.48 |
| | 1/17/2013 | 16.21 | 100.58 | 84.37 |
| | 8/23/2013 | 18.28 | 100.58 | 82.30 |
| | 6/12/2014 | 15.21 | 100.58 | 85.37 |
| | 3/25/2015 | 18.65 | 100.58 | 81.93 |
| | 6/23/2015 | 17.12 | 100.58 | 83.46 |
| | 9/21/2015 | 18.16 | 100.58 | 82.42 |
| | 6/30/2016 | 17.95 | 100.58 | 82.63 |
| | 9/30/2016 | 18.63 | 100.58 | 81.95 |
| | 12/23/2016 | 19.69 | 100.58 | 80.89 |
| | 3/24/2017 | 18.52 | 100.58 | 82.06 |
| | 11/1/2017 | 18.10 | 100.58 | 82.48 |
| | 3/23/2018 | 18.87 | 100.58 | 81.71 |
| | 6/19/2018 | 17.50 | 100.58 | 83.08 |
| | 9/28/2018 | 14.52 | 100.58 | 86.06 |
| | 12/3/2018 | 18.14 | 100.58 | 82.44 |
| | 3/11/2019 | 17.31 | 100.58 | 83.27 |
| | 6/11/2019 | 19.09 | 100.58 | 81.49 |
| | 9/12/2019 | 19.43 | 100.58 | 81.15 |
| | 12/4/2019 | 18.80 | 100.58 | 81.78 |
| | 12/1/2021 | 19.65 | 100.58 | 80.93 |
| | 8/24/2023 | 20.67 | 100.58 | 79.91 |
| | 11/15/2023 | 19.98 | 100.58 | 80.60 |
| | 3/27/2025 | 20.56 | 100.58 | 80.02 |
| | 4/7/2025 | 20.71 | 100.58 | 79.87 |
| EMW-2 | 11/12/2008 | 20.21 | 100.62 | 80.41 |
| | 2/12/2009 | 19.34 | 100.62 | 81.28 |
| | 8/13/2009 | 17.38 | 100.62 | 83.24 |
| | 3/18/2010 | 13.50 | 100.62 | 87.12 |
| | 10/19/2010 | 16.18 | 100.62 | 84.44 |
| | 9/26/2011 | 16.44 | 100.62 | 84.18 |
| | 5/2/2012 | 17.86 | 100.62 | 82.76 |
| | 1/17/2013 | 16.20 | 100.62 | 84.42 |
| | 8/23/2013 | 17.75 | 100.62 | 82.87 |
| | 6/12/2014 | 16.31 | 100.62 | 84.31 |
| | 3/25/2015 | 15.78 | 100.62 | 84.84 |
| | 6/23/2015 | 17.10 | 100.62 | 83.52 |
| | 9/21/2015 | 18.89 | 100.62 | 81.73 |
| | 6/30/2016 | 17.87 | 100.62 | 82.75 |
| | 9/30/2016 | 20.40 | 100.62 | 80.22 |
| | 12/23/2016 | 20.20 | 100.62 | 80.42 |
| | 3/24/2017 | 17.93 | 100.62 | 82.69 |
| | 11/1/2017 | 17.69 | 100.62 | 82.93 |
| | 3/23/2018 | 18.35 | 100.62 | 82.27 |
| | 6/19/2018 | 17.00 | 100.62 | 83.62 |
| | 9/28/2018 | 14.20 | 100.62 | 86.42 |
| | 12/3/2018 | 16.98 | 100.62 | 83.64 |
| | 3/11/2019 | 17.31 | 100.62 | 83.31 |
| | 6/12/2019 | 18.95 | 100.62 | 81.67 |
| | 9/12/2019 | 19.84 | 100.62 | 80.78 |
| | 12/4/2019 | 19.21 | 100.62 | 81.41 |
| | 12/1/2021 | 19.70 | 100.62 | 80.92 |
| | 8/24/2023 | 20.68 | 100.62 | 79.94 |
| | 11/15/2023 | 19.93 | 100.62 | 80.69 |
| | 3/27/2025 | 19.90 | 100.62 | 80.72 |
| | 4/7/2025 | 20.97 | 100.62 | 79.65 |

**Table 1 - Historical Groundwater Elevation Data**
**Gasoline Fueling Station – Myersville Crown**
**9486 Myersville Road, Myersville, Maryland 21773**

| Well No. | Date | Depth to Water | TOC Elevation | Water Elevation |
|---|---|---|---|---|
| TP-1 | 11/12/2008 | NLP | 99.71 | ND |
| | 2/12/2009 | NLP | 99.71 | ND |
| | 8/13/2009 | NLP | 99.71 | ND |
| | 3/18/2010 | 12.12 | 99.71 | 87.59 |
| | 10/19/2010 | NLP | 99.71 | ND |
| | 9/26/2011 | 13.41 | 99.71 | 86.30 |
| | 5/2/2012 | 13.42 | 99.71 | 86.29 |
| | 1/17/2013 | 12.96 | 99.71 | 86.75 |
| | 8/23/2013 | 13.51 | 99.71 | 86.20 |
| | 6/12/2014 | 12.74 | 99.71 | 86.97 |
| | Removed on December 14, 2014 | | | |
| TP-1A | 3/25/2015 | 12.45 | NS | ND |
| | 6/23/2015 | 12.80 | NS | ND |
| | 9/21/2015 | NLP | NS | ND |
| | 6/30/2016 | NLP | NS | ND |
| | 9/30/2016 | NLP | NS | ND |
| | 12/23/2016 | NLP | NS | ND |
| | 3/24/2017 | 12.93 | NS | ND |
| | 11/1/2017 | 12.61 | NS | ND |
| | 3/23/2018 | NLP | NS | ND |
| | 6/19/2018 | NS | NS | ND |
| | 9/28/2018 | 11.89 | NS | ND |
| | 12/3/2018 | 12.59 | NS | ND |
| | 3/11/2019 | 12.71 | NS | ND |
| | 6/12/2019 | NLP | NS | ND |
| | 9/12/2019 | NLP | NS | ND |
| | 12/4/2019 | NLP | NS | ND |
| | 3/27/2025 | NLP | NS | ND |
| | 4/7/2025 | NLP | NS | ND |
| TP-2 | 11/12/2008 | 9.83 | 99.73 | 89.90 |
| | 2/12/2009 | NLP | 99.73 | ND |
| | 8/13/2009 | NLP | 99.73 | ND |
| | 3/18/2010 | 12.49 | 99.73 | 87.24 |
| | 10/19/2010 | 14.02 | 99.73 | 85.71 |
| | 9/26/2011 | NLP | 99.73 | ND |
| | 5/2/2012 | NLP | 99.73 | ND |
| | 1/17/2013 | 13.07 | 99.73 | 86.66 |
| | 8/23/2013 | NLP | 99.73 | ND |
| | 6/12/2014 | 12.81 | 99.73 | 86.92 |
| | Removed on December 14, 2014 | | | |
| TP-2A | 3/25/2015 | 12.44 | NS | ND |
| | 6/23/2015 | 12.75 | NS | ND |
| | 9/21/2015 | NLP | NS | ND |
| | 6/30/2016 | NLP | NS | ND |
| | 9/30/2016 | NLP | NS | ND |
| | 12/23/2016 | NLP | NS | ND |
| | 3/24/2017 | 13.30 | NS | ND |
| | 11/1/2017 | 12.58 | NS | ND |
| | 3/23/2018 | NLP | NS | ND |
| | 6/19/2018 | NS | NS | ND |
| | 9/28/2018 | 11.82 | NS | ND |
| | 12/3/2018 | 12.59 | NS | ND |
| | 3/11/2019 | 12.81 | NS | ND |
| | 6/12/2019 | NLP | NS | ND |
| | 9/12/2019 | NLP | NS | ND |
| | 12/4/2019 | NLP | NS | ND |
| | 3/27/2025 | NLP | NS | ND |
| | 4/7/2025 | NLP | NS | ND |

All measurements in feet
TOC = Top of Casing
NLP = No liquid present
NS = Not surveyed
ND = No Data

**Table 2 - Historical Groundwater Analytical Results**
**Gasoline Fueling Station – Myersville Crown**
**Myersville Crown 9486 Myersville Road, Myersville, MD 21773**

| Well No. | Date | B | T | E | X | Total BTEX | TPH DRO | TPH GRO | TBA | TAA | MTBE | Trans-12 DCE | DIPE | TAME | Acetone | Cis-12 DCE | 2-Butanone | TCE | IPBZ | NPABZ | 135TMBZ | 124TMBZ | 4IPT | SBTBZ | NBTBZ | Nap | Ethanol |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-1 | 11/6/2006 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 12 | BDL | BDL | BDL | BDL | 18 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/7/2007 | BDL | 33 | BDL | 11 | 44.0 | BDL | BDL | BDL | BDL | BDL | 60 | BDL | BDL | 12 | 13 | BDL | 20 | BDL | BDL | BDL | 8.9 | BDL | BDL | BDL | **12** | NS |
| | 12/7/2007 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 6.7 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 3/8/2008 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 15 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/8/2008 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 26 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 8/8/2008 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 11/8/2008 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 2/9/2009 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 8/9/2009 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 3/9/2010 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 52 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 10/10/2010 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 52 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 9/26/2011 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 52 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 5/2/2012 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 52 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | **11** | NS |
| | 1/17/2013 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | **11** | NS |
| | 8/13/2013 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | **70** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/12/2014 | BDL | BDL | BDL | BDL | BDL | **0.250** | BDL | 28.4 | BDL | **102** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 3/25/2015 | BDL | BDL | BDL | BDL | BDL | **2.01** | BDL | BDL | BDL | 3.7 J | BDL | BDL | BDL | 11.7 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/23/2015 | BDL | BDL | BDL | BDL | BDL | **0.28** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 9/21/2015 | BDL | BDL | BDL | BDL | BDL | **0.32** | BDL | 27.5 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/30/2016 | BDL | BDL | BDL | BDL | BDL | **0.28** | BDL | 28.9 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 9/30/2016 | BDL | BDL | BDL | BDL | BDL | **0.40** | BDL | 38.6 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 12/23/2016 | BDL | BDL | BDL | BDL | BDL | **0.26** | BDL | 28.6 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 11/1/2017 | BDL | BDL | BDL | BDL | BDL | **0.32** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 12.1 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 3/23/2018 | BDL | BDL | BDL | BDL | BDL | **0.22** | BDL | 77.0 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/19/2018 | <2.0 | <2.0 | <2.0 | <4.0 | <10.0 | **0.29** | <100 | <15.0 | <20.0 | <2.0 | <2.0 | <2.0 | <2.0 | <10.0 | <2.0 | <10.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | NS |
| | 9/28/2018 | <2.0 | <2.0 | <2.0 | <4.0 | <10.0 | **0.27** | <100 | 22.4 | <20.0 | <2.0 | <2.0 | <2.0 | <2.0 | <10.0 | <2.0 | <10.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | NS |
| | 12/3/2018 | <2.0 | <2.0 | <2.0 | <4.0 | <10.0 | **0.34** | <100 | 17.9 | <20.0 | <2.0 | <2.0 | <2.0 | <2.0 | <10.0 | <2.0 | <10.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | NS |
| | 3/11/2019 | <2.0 | <2.0 | <2.0 | <4.0 | <10.0 | <0.21 | **106** | 37.6 | <20.0 | <2.0 | <2.0 | <2.0 | <2.0 | <10.0 | <2.0 | <10.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | NS |
| | 6/12/2019 | <2.0 | <2.0 | <2.0 | <4.0 | <10.0 | <0.18 | <100 | 47.4 | <20.0 | <2.0 | <2.0 | <2.0 | <2.0 | <10.0 | <2.0 | <10.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | NS |
| | 9/12/2019 | <2.0 | <2.0 | <2.0 | <4.0 | <10.0 | <0.18 | 115 | 35.0 | <20.0 | <2.0 | <2.0 | <2.0 | <2.0 | <10.0 | <2.0 | <10.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | NS |
| | 12/4/2019 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | <0.18 | <100 | 32.1 | <20.0 | <1.0 | <1.0 | <1.0 | <1.0 | <10.0 | <1.0 | <10.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NS |
| | 12/1/2021 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | **0.39** | <100 | <15.0 | <20.0 | <1.0 | <1.0 | <1.0 | <1.0 | <10.0 | <1.0 | <10.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NS |
| | 8/24/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | **0.46** | <45 | <15.0 | <20.0 | <1.0 | <1.0 | <1.0 | <1.0 | <10.0 | <1.0 | <10.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NS |
| | 11/15/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | **0.56** | <45 | <15.0 | <20.0 | <1.0 | <1.0 | <1.0 | <1.0 | <10.0 | <1.0 | <10.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | NS |
| Case Closure. Begin HRGUA Sampling in 2025 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MW-1 | 3/27/2025 | <1.0 | 1.1 J | <1.0 | 4.7 J | 5.8 | NS | NS | <15.0 | <20.0 | <1.0 | <1.0 | <1.0 | <1.0 | <10.0 | <1.0 | <10.0 | <1.0 | <1.0 | <1.0 | 1.5 J | 5.1 | <1.0 | <1.0 | <1.0 | <2.0 | <500 |
| | 4/7/2025 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | **0.627** | <45.0 | <15.0 | <20.0 | <1.0 | <1.0 | <1.0 | <1.0 | 12.7 | <1.0 | <10.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <500 |
| **Type I and II Aquifers** | | **5** | **1,000** | **700** | **10,000** | **NRS** | **0.047** | **47** | **NRS** | **NRS** | **20** | **100** | **NRS** | **NRS** | **1,400** | **70** | **560** | **5** | **45** | **NRS** | **6.0** | **5.6** | **NRS** | **NRS** | **NRS** | **0.17** | **NRS** |

**Table 2 - Historical Groundwater Analytical Results**
**Gasoline Fueling Station – Myersville Crown**
**Myersville Crown 9486 Myersville Road, Myersville, MD 21773**

| Well No. | Date | B | T | E | X | Total BTEX | TPH DRO | TPH GRO | TBA | TAA | MTBE | Trans-12 DCE | DIPE | TAME | Acetone | Cis-12 DCE | 2-Butanone | TCE | IPBZ | NPABZ | 135TMBZ | 124TMBZ | 4IPT | SBTBZ | NBTBZ | Nap | Ethanol |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-2 | 11/6/2006 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/7/2007 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 18 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 12/7/2007 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 3/8/2008 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/8/2008 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 8/8/2008 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 11/8/2008 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 7.5 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 2/9/2009 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | **8.2** | NS |
| | 8/9/2009 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | **8.2** | NS |
| | 3/9/2010 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | **8.2** | NS |
| | 10/10/2010 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | **8.2** | NS |
| | 9/26/2011 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | **8.2** | NS |
| | 5/2/2012 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 1/17/2013 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 8/13/2013 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/12/2014 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 3/25/2015 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/23/2015 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 9/21/2015 | BDL | BDL | BDL | BDL | BDL | **0.29** | **103** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/30/2016 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 9/30/2016 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 12/23/2016 | BDL | BDL | BDL | BDL | BDL | **0.20** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 3/24/2017 | BDL | BDL | BDL | BDL | BDL | **0.20** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 11/1/2017 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 3/23/2018 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/19/2018 | <2.0 | <2.0 | <2.0 | <4.0 | <10.0 | <0.19 | <100 | <15.0 | <20.0 | <2.0 | <2.0 | <2.0 | <2.0 | <10.0 | <2.0 | <10.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | NS |
| | 9/28/2018 | <2.0 | <2.0 | <2.0 | <4.0 | <10.0 | <0.19 | <100 | <15.0 | <20.0 | <2.0 | <2.0 | <2.0 | <2.0 | <10.0 | <2.0 | <10.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | NS |
| | 12/3/2018 | <2.0 | <2.0 | <2.0 | <4.0 | <10.0 | <0.19 | <100 | <15.0 | <20.0 | <2.0 | <2.0 | <2.0 | <2.0 | <10.0 | <2.0 | <10.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | NS |
| | 3/11/2019 | <2.0 | <2.0 | <2.0 | <4.0 | <10.0 | <0.21 | **204** | <15.0 | <20.0 | <2.0 | <2.0 | <2.0 | <2.0 | <10.0 | <2.0 | <10.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | NS |
| | 6/12/2019 | <2.0 | <2.0 | <2.0 | <4.0 | <10.0 | <0.19 | <100 | <15.0 | <20.0 | <2.0 | <2.0 | <2.0 | <2.0 | <10.0 | <2.0 | <10.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | NS |
| | 9/12/2019 | <2.0 | <2.0 | <2.0 | <4.0 | <10.0 | **0.24** | <100 | <15.0 | <20.0 | <2.0 | <2.0 | <2.0 | <2.0 | <10.0 | <2.0 | <10.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | NS |
| | 12/4/2019 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | **0.28** | **143** | <15.0 | <20.0 | <1.0 | <1.0 | <1.0 | <1.0 | <10.0 | <1.0 | <10.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NS |
| | 12/1/2021 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | <0.22 | <100 | <15.0 | <20.0 | <1.0 | <1.0 | <1.0 | <1.0 | <10.0 | <1.0 | <10.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NS |
| | 8/24/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | <0.20 | **49.9** | <15.0 | <20.0 | <1.0 | <1.0 | <1.0 | <1.0 | <10.0 | <1.0 | <10.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NS |
| | 11/15/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | **0.24** | **232** | <15.0 | <20.0 | <1.0 | <1.0 | <1.0 | <1.0 | <10.0 | <1.0 | <10.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | NS |
| Case Closure. Begin HRGUA Sampling in 2025 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MW-2 | 3/27/2025 | <1.0 | 3.0 | 1.2 J | 10.2 | 14.4 | NS | NS | <15.0 | <20.0 | <1.0 | <1.0 | <1.0 | <1.0 | <10.0 | <1.0 | <10.0 | <1.0 | <1.0 | <1.0 | 2.4 | **8.8** | <1.0 | <1.0 | <1.0 | **2.6** | <500 |
| | 4/7/2025 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | **0.338** | **383** | <15.0 | <20.0 | 1.0 J | <1.0 | <1.0 | <1.0 | <10.0 | <1.0 | <10.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <500 |
| **Type I and II Aquifers** | | **5** | **1,000** | **700** | **10,000** | **NRS** | **0.047** | **47** | **NRS** | **NRS** | **20** | **100** | **NRS** | **NRS** | **1,400** | **70** | **560** | **5** | **45** | **NRS** | **6.0** | **5.6** | **NRS** | **NRS** | **NRS** | **0.17** | **NRS** |
| MW-3 | 11/6/2006 | **200** | BDL | BDL | BDL | 200.0 | BDL | BDL | BDL | BDL | **7,300** | **7,300** | 111 | 42 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/7/2007 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 12/7/2007 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 3/8/2008 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 6/8/2008 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 8/8/2008 | BDL | BDL | BDL | BDL | BDL | BDL | **500** | BDL | BDL | **5,800** | **5,800** | 220 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 11/8/2008 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | **380** | **380** | 42 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 2/9/2009 | **92** | BDL | 22 | 57 | 171.0 | BDL | 0.5 | BDL | BDL | **1,200** | **1,200** | BDL | 5.6 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | **15** | NS |
| | 8/9/2009 | **5.1** | BDL | BDL | BDL | 5.1 | BDL | BDL | BDL | BDL | **310** | **310** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 3/9/2010 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 10/10/2010 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | **65** | **65** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 9/26/2011 | **74** | BDL | BDL | BDL | 74.0 | BDL | BDL | BDL | BDL | **23** | **23** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 5/2/2012 | **270** | 40 | 25 | 18.3 | 353.3 | BDL | BDL | BDL | BDL | **130** | **130** | 43 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | **6.8** | NS |
| | 1/17/2013 | **24** | BDL | 12 | BDL | 36.0 | BDL | BDL | BDL | BDL | **22** | **22** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 12/28/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | **0.42** | <45 | <15.0 | <20.0 | <1.0 | <1.0 | <1.0 | <1.0 | <10.0 | <1.0 | <10.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NS |
| Case Closure. Begin HRGUA Sampling in 2025 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MW-3R | 3/27/2025 | **167** | 24.8 | <1.0 | 37.0 | 228.8 | NS | NS | 16.6 | 312 | 8.7 | <1.0 | 104 | 6.9 | <10.0 | <1.0 | <10.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <500 |
| | 4/7/2025 | **7.6** | 1.3 J | <1.0 | 3.7 | 12.6 | **0.887** | **445** | <15.0 | 56.3 | 1.7 J | <1.0 | 29.8 | 1.3 J | <10.0 | <1.0 | <10.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <500 |
| **Type I and II Aquifers** | | **5** | **1,000** | **700** | **10,000** | **NRS** | **0.047** | **47** | **NRS** | **NRS** | **20** | **100** | **NRS** | **NRS** | **1,400** | **70** | **560** | **5** | **45** | **NRS** | **6.0** | **5.6** | **NRS** | **NRS** | **NRS** | **0.17** | **NRS** |

**Table 2 - Historical Groundwater Analytical Results**
**Gasoline Fueling Station – Myersville Crown**
**Myersville Crown 9486 Myersville Road, Myersville, MD 21773**

| Well No. | Date | B | T | E | X | Total BTEX | TPH DRO | TPH GRO | TBA | TAA | MTBE | Trans-12 DCE | DIPE | TAME | Acetone | Cis-12 DCE | 2-Butanone | TCE | IPBZ | NPABZ | 135TMBZ | 124TMBZ | 4IPT | SBTBZ | NBTBZ | Nap | Ethanol |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-4 | 11/6/2006 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 6/7/2007 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 12/7/2007 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 3/8/2008 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 6/8/2008 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 8/8/2008 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 11/8/2008 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 2/9/2009 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 8/9/2009 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 3/9/2010 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 10/10/2010 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 9/26/2011 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 5/2/2012 | **130** | 6.5 | BDL | BDL | 136.5 | BDL | BDL | BDL | BDL | **28** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | **18** | NS |
| | 1/17/2013 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | **75** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 8/13/2013 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | **100** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/12/2014 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | **29.6** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 3/25/2015 | BDL | BDL | BDL | BDL | BDL | **0.31** | BDL | BDL | BDL | **32.1** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/23/2015 | BDL | BDL | BDL | BDL | BDL | **0.50** | BDL | BDL | BDL | 16.5 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 9/19/2015 | BDL | BDL | BDL | BDL | BDL | **0.28** | BDL | BDL | BDL | **28.0** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/30/2016 | BDL | BDL | BDL | BDL | BDL | BDL | **257** | 27.9 | BDL | 10.6 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 9/30/2016 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 32.2 | BDL | **29.8** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 12/23/2016 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 2.2 J | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 3/24/2017 | BDL | BDL | BDL | BDL | BDL | **0.22** | BDL | BDL | BDL | **22.6** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 11/1/2017 | BDL | BDL | BDL | BDL | BDL | **0.21** | BDL | 76.7 | BDL | **41.1** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 3/23/2018 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | **22.4** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/19/2018 | <2.0 | <2.0 | <2.0 | <4.0 | <10.0 | **0.21** | <100 | <15.0 | <20.0 | 13.3 | <2.0 | <2.0 | <2.0 | <10.0 | <2.0 | <10.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | NS |
| | 9/28/2018 | <2.0 | <2.0 | <2.0 | <4.0 | <10.0 | **0.20** | <100 | <15.0 | <20.0 | **21.2** | <2.0 | <2.0 | <2.0 | <10.0 | <2.0 | <10.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | NS |
| | 12/3/2018 | <2.0 | <2.0 | <2.0 | <4.0 | <10.0 | **0.22** | <100 | <15.0 | <20.0 | **22.1** | <2.0 | <2.0 | <2.0 | <10.0 | <2.0 | <10.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | NS |
| | 3/11/2019 | <2.0 | <2.0 | <2.0 | <4.0 | <10.0 | <0.21 | <100 | <15.0 | <20.0 | 4.3 | <2.0 | <2.0 | <2.0 | <10.0 | <2.0 | <10.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | NS |
| | 6/12/2019 | <2.0 | <2.0 | <2.0 | <4.0 | <10.0 | <0.18 | <100 | <15.0 | <20.0 | 3.0 | <2.0 | <2.0 | <2.0 | <10.0 | <2.0 | <10.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | NS |
| | 9/12/2019 | <2.0 | <2.0 | <2.0 | <4.0 | <10.0 | <0.18 | <100 | <15.0 | <20.0 | 6.1 | <2.0 | <2.0 | <2.0 | <10.0 | <2.0 | <10.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | NS |
| | 12/4/2019 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | <0.18 | <100 | <15.0 | <20.0 | 14.8 | <1.0 | <1.0 | <1.0 | <10.0 | <1.0 | <10.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NS |
| | 12/1/2021 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | **0.23** | <100 | <15.0 | <20.0 | 13.4 | <1.0 | <1.0 | <1.0 | <10.0 | <1.0 | <10.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NS |
| | 8/24/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | **0.82** | <45 | <15.0 | <20.0 | 9.1 | <1.0 | <1.0 | <1.0 | <10.0 | <1.0 | <10.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NS |
| | 11/15/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | **0.19** | <45 | 72.1 | <20.0 | 16.2 | <1.0 | <1.0 | <1.0 | <10.0 | <1.0 | <10.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | NS |
| MW-4 Abandoned on November 25, 2024 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Type I and II Aquifers** | | **5** | **1,000** | **700** | **10,000** | **NRS** | **0.047** | **47** | **NRS** | **NRS** | **20** | **100** | **NRS** | **NRS** | **1,400** | **70** | **560** | **5** | **45** | **NRS** | **6.0** | **5.6** | **NRS** | **NRS** | **NRS** | **0.17** | **NRS** |

**Table 2 - Historical Groundwater Analytical Results**
**Gasoline Fueling Station – Myersville Crown**
**Myersville Crown 9486 Myersville Road, Myersville, MD 21773**

| Well No. | Date | B | T | E | X | Total BTEX | TPH DRO | TPH GRO | TBA | TAA | MTBE | Trans-12 DCE | DIPE | TAME | Acetone | Cis-12 DCE | 2-Butanone | TCE | IPBZ | NPABZ | 135TMBZ | 124TMBZ | 4IPT | SBTBZ | NBTBZ | Nap | Ethanol |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EMW-1 | 11/6/2006 | **6.9** | BDL | BDL | BDL | 6.9 | BDL | BDL | BDL | BDL | **10,500** | BDL | 180 | 65 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/7/2007 | **14** | BDL | BDL | BDL | 14.0 | BDL | BDL | BDL | BDL | **8,000** | BDL | 410 | BDL | BDL | BDL | 13 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 12/7/2007 | **9.3** | BDL | BDL | BDL | 9.3 | BDL | BDL | BDL | BDL | **1,400** | BDL | 111 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 3/8/2008 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 6/8/2008 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | **300** | BDL | 70 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 8/8/2008 | **8.6** | BDL | 60 | 185 | 253.6 | **2.200** | **3,200** | BDL | BDL | **2,800** | BDL | 70 | BDL+G73 | BDL | BDL | BDL | BDL | 5.0 | 8.2 | 77 | 200 | 9.2 | BDL | BDL | **27** | NS |
| | 11/8/2008 | BDL | BDL | 60 | 140 | 200.0 | **1.500** | BDL | BDL | BDL | **5,500** | BDL | 240 | BDL | BDL | BDL | BDL | BDL | 17 | 8.7 | 84 | 260 | 9.5 | BDL | BDL | **37** | NS |
| | 2/9/2009 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | **4,400** | BDL | 150 | 60 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 5.1 | BDL | BDL | BDL | BDL | NS |
| | 8/9/2009 | **13** | BDL | BDL | BDL | 13.0 | BDL | BDL | BDL | BDL | **300** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 3/9/2010 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 10/10/2010 | BDL | BDL | BDL | BDL | BDL | **0.700** | BDL | BDL | BDL | **440** | BDL | 120 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 9/26/2011 | BDL | BDL | BDL | 6.6 | 6.6 | BDL | BDL | BDL | BDL | **54** | BDL | 34 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 5/2/2012 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | **190** | BDL | 72 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 1/17/2013 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 8/13/2013 | **11** | BDL | BDL | BDL | 11.0 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/12/2014 | 2.9j | BDL | BDL | BDL | 2.9 J | **1.120** | BDL | 2,120e | BDL | 18.8 | BDL | 21.4 | BDL | 45 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 3/25/2015 | BDL | BDL | BDL | BDL | BDL | **0.98** | **220** | 1,570 | 319 | 14.6 | BDL | 37.1 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/23/2015 | BDL | BDL | BDL | BDL | BDL | **1.57** | **485** | 1860 E | 216 | 13.0 | BDL | 40.7 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 9/19/2015 | BDL | BDL | BDL | BDL | BDL | **1.02** | **391** | 811 | 146 | 14.7 | BDL | 18.0 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/30/2016 | BDL | BDL | BDL | BDL | BDL | **0.80** | **496** | 809 | 48.5 | 11.0 | BDL | 8.2 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 9/30/2016 | BDL | BDL | BDL | BDL | BDL | **1.05** | **280** | 643 | 34.5 | 11.0 | BDL | 8.4 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 12/23/2016 | BDL | BDL | BDL | BDL | BDL | **0.84** | **143** | 927 | 36.9 | **20.5** | BDL | 10.1 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 3/24/2017 | BDL | BDL | BDL | BDL | BDL | **0.66** | BDL | 710 | 31.3 | 10.3 | BDL | 7.6 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 11/1/2017 | BDL | BDL | BDL | BDL | BDL | **0.98** | **183** | 263 | BDL | 2.6J | BDL | 3.3 J | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 3/23/2018 | BDL | BDL | BDL | BDL | BDL | **0.46** | BDL | 397 | BDL | 6.0 | BDL | 5.4 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/19/2018 | <2.0 | <2.0 | <2.0 | <4.0 | <10.0 | **0.49** | <100 | 203 | <20.0 | 3.6 | <2.0 | 3.1 | <2.0 | <10.0 | <2.0 | <10.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | NS |
| | 9/28/2018 | <2.0 | <2.0 | <2.0 | <4.0 | <10.0 | **0.50** | <100 | 73.0 | <20.0 | <2.0 | <2.0 | <2.0 | <2.0 | <10.0 | <2.0 | <10.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | NS |
| | 12/3/2018 | <2.0 | <2.0 | <2.0 | <4.0 | <10.0 | **0.47** | <100 | 245.0 | <20.0 | 4.0 | <2.0 | 3.5 | <2.0 | <10.0 | <2.0 | <10.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | NS |
| | 3/11/2019 | <2.0 | <2.0 | <2.0 | <4.0 | <10.0 | **0.38** | <100 | 438 | <20.0 | 7.0 | <2.0 | 3.8 | <2.0 | <10.0 | <2.0 | <10.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | NS |
| | 6/12/2019 | <2.0 | <2.0 | <2.0 | <4.0 | <10.0 | **0.26** | <100 | 562 | <20.0 | 7.1 | <2.0 | 3.6 | <2.0 | <10.0 | <2.0 | <10.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | NS |
| | 9/12/2019 | <2.0 | <2.0 | <2.0 | <4.0 | <10.0 | **0.21** | **132** | 200 | <20.0 | 5.6 | <2.0 | 2.4 | <2.0 | <10.0 | <2.0 | <10.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | NS |
| | 12/4/2019 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | **0.25** | <100 | 212 | <20.0 | 4.5 | <1.0 | 1.5 | <1.0 | <10.0 | <1.0 | <10.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NS |
| | 12/1/2021 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | **1.00** | <100 | <15.0 | <20.0 | <2.0 | <1.0 | <2.0 | <1.0 | <10.0 | <1.0 | <10.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NS |
| | 8/24/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | **0.45** | <45 | <15.0 | <20.0 | 1.6 J | <1.0 | <2.0 | <1.0 | <10.0 | <1.0 | <10.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NS |
| | 11/15/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | **1.35** | **59.5** | <15.0 | 25 | 2.4 | <1.0 | <1.0 | <1.0 | <10.0 | <1.0 | <10.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | NS |
| Case Closure. Begin HRGUA Sampling in 2025 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EMW-1 | 3/27/2025 | **1,580** | **2,420** | 368 | 2,235 | 6,603 | NS | NS | <750 | <1,000 | <50.0 | <50.0 | 151 | <50.0 | <500 | <50.0 | <500 | <50.0 | <50.0 | 57.5 J | **125** | **508** | <50.0 | <50.0 | <50.0 | **175** | <25000 |
| | 4/7/2025 | **984** | **1,560** | 210 | 1,776 | 4,530 | **3.97** | **15,900** | <150 | 280 | **32.2** | <10.0 | 144 | 38.8 | <100 | <10.0 | <100 | <10.0 | 10.8 J | 26.3 | **130** | **436** | <10.0 | <10.0 | 15.9 J | **84.1** | <5000 |
| **Type I and II Aquifers** | | **5** | **1,000** | **700** | **10,000** | **NRS** | **0.047** | **47** | **NRS** | **NRS** | **20** | **100** | **NRS** | **NRS** | **1,400** | **70** | **560** | **5** | **45** | **NRS** | **6.0** | **5.6** | **NRS** | **NRS** | **NRS** | **0.17** | **NRS** |

**Table 2 - Historical Groundwater Analytical Results**
**Gasoline Fueling Station – Myersville Crown**
**Myersville Crown 9486 Myersville Road, Myersville, MD 21773**

| Well No. | Date | B | T | E | X | Total BTEX | TPH DRO | TPH GRO | TBA | TAA | MTBE | Trans-12 DCE | DIPE | TAME | Acetone | Cis-12 DCE | 2-Butanone | TCE | IPBZ | NPABZ | 135TMBZ | 124TMBZ | 4IPT | SBTBZ | NBTBZ | Nap | Ethanol |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EMW-2 | 11/6/2006 | **340** | 170 | 22 | 75 | 607.0 | **0.800** | **5,000** | BDL | BDL | **25,000** | BDL | 230 | 150 | BDL | BDL | BDL | BDL | 8.5 | 10 | 73 | 140 | 10 | BDL | BDL | **45** | NS |
| | 6/7/2007 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 12/7/2007 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 3/8/2008 | **130** | 24 | 33 | 77 | 397.0 | **2.000** | **3,000** | BDL | BDL | **990** | BDL | 560 | BDL | BDL | BDL | BDL | BDL | 30 | 46 | 250 | 510 | 44 | BDL | BDL | **76** | NS |
| | 6/8/2008 | **70** | 14 | 25 | 67 | 176.0 | **7.100** | **4,900** | BDL | BDL | **1,100** | BDL | 5,300 | BDL | BDL | BDL | BDL | BDL | 24 | 40 | 180 | 400 | 46 | BDL | BDL | **90** | NS |
| | 8/8/2008 | **100** | 12 | 38 | 39 | 189.0 | **6.400** | **5,600** | BDL | BDL | **2,100** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 30 | 26 | 130 | 460 | 27 | BDL | BDL | **100** | NS |
| | 11/8/2008 | **160** | 20 | 67 | 139 | 386.0 | **2.100** | **8,200** | BDL | BDL | **9,700** | BDL | 170 | BDL | BDL | BDL | BDL | BDL | 60 | 50 | 320 | 1,600 | 27 | BDL | BDL | **810** | NS |
| | 2/9/2009 | **66** | 13 | 35 | 101 | 215.0 | **2.400** | **2,500** | BDL | BDL | **2,300** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 35 | 37 | 130 | 720 | 41 | BDL | BDL | **140** | NS |
| | 8/9/2009 | **51** | BDL | 8.2 | 44 | 103.2 | **7.900** | **5,000** | BDL | BDL | **2,000** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 20 | 50 | 300 | 600 | 60 | BDL | BDL | **90** | NS |
| | 3/9/2010 | **8.6** | BDL | BDL | 17.0 | 25.6 | **1.000** | **1,700** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 18 | 61 | 150 | 20 | BDL | BDL | **25** | NS |
| | 10/10/2010 | **30** | BDL | 18 | 59 | 107.0 | BDL | **6,400** | BDL | BDL | **480** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 42 | 70 | 420 | 1,100 | 74 | BDL | BDL | **150** | NS |
| | 9/26/2011 | **22** | 15 | 9.3 | 91 | 137.3 | **7.900** | **5,000** | BDL | BDL | **210** | BDL | 51 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 11 | 39 | 60 | BDL | BDL | **9** | NS |
| | 5/2/2012 | **110** | 10 | 30 | 42 | 192.0 | **0.900** | **2,900** | BDL | BDL | **5,900** | BDL | 100 | BDL | BDL | BDL | BDL | BDL | 14 | 30 | 52 | 230 | 24 | BDL | BDL | **72** | NS |
| | 1/17/2013 | **37** | 5.4 | 10 | 29 | 81.4 | **1.400** | **2,100** | BDL | BDL | **510** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 12 | 24 | 100 | 310 | 31 | BDL | BDL | **41** | NS |
| | 8/13/2013 | **45** | 15 | 5.6 | 13.8 | 79.4 | **1.400** | **1,600** | BDL | BDL | **1,300** | BDL | 42 | BDL | BDL | BDL | BDL | BDL | 6.8 | 30 | 60 | 190 | 32 | BDL | BDL | **30** | NS |
| | 6/12/2014 | **18.3** | BDL | 2.5j | 6.6 J | 27.4 J | **4.300** | **287** | 1,700e | BDL | **154** | BDL | 12.9 | BDL | 10.5 | BDL | BDL | BDL | 4j | 8.6 | 68.9 | 188 | 8.1 | BDL | 15.1 | **14.5** | NS |
| | 3/25/2015 | **17.9** | BDL | BDL | BDL | 17.9 | **4.65** | **2,160** | 2,410e | 403 | **278** | BDL | 17.4 | BDL | 6,130e | BDL | 7,730e | BDL | BDL | 4.7j | 18.1 | 75.6 | 5.1j | 5.8j | 6.5j | **7.0 J** | NS |
| | 6/23/2015 | **25.2 J** | BDL | BDL | BDL | BDL | **5.56** | **3,930** | 7,390 | 1,120 | **1,150** | BDL | 53.1 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 104.0 | 403.0 | BDL | BDL | BDL | **25.2 J** | NS |
| | 9/19/2015 | **36.4 J** | BDL | BDL | BDL | 36.4 J | **6.13** | **3,060** | 14,600e | 1,330 | **1,720** | BDL | 82.1 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 110 | BDL | BDL | BDL | BDL | NS |
| | 6/30/2016 | **6.0** | BDL | BDL | BDL | 6.0 | **2.95** | **2,370** | 2,290e | 480 | **152** | BDL | 12.4 | BDL | 14.1 | BDL | BDL | BDL | BDL | 2.1j | 5.9 | 89.4 | 4.2j | 4.9j | 5.1 | BDL | NS |
| | 9/30/2016 | **32.0** | BDL | BDL | BDL | 32.0 | **5.72** | **2,020** | 8,790e | 814 | **537** | BDL | 50.4 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 36.3 | BDL | BDL | BDL | BDL | NS |
| | 12/23/2016 | **37.7** | BDL | BDL | BDL | 37.7 | **15.7** | **1,610** | 16,300e | 996 | **559** | BDL | 68.4 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 49.9 | BDL | BDL | BDL | BDL | NS |
| | 3/24/2017 | BDL | BDL | BDL | BDL | BDL | **6.72** | **993** | 9,340 | 989 | **368** | BDL | 45.5 J | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 30.9 J | BDL | BDL | BDL | BDL | NS |
| | 11/1/2017 | **35.4** | BDL | BDL | BDL | BDL | **5.5** | **1,320** | 8460e | 682 | **252** | BDL | 40.3 | 4.3 J | 25.8 | BDL | BDL | BDL | BDL | BDL | BDL | 20.4 | 12.7 | BDL | 4.0 J | BDL | NS |
| | 3/23/2018 | **4.4 J** | BDL | BDL | BDL | BDL | **2.13** | **563** | 860 | 90 | **35** | BDL | 7.3 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 3.6 J | BDL | BDL | 2.1 J | BDL | NS |
| | 6/19/2018 | **6.7** | <2.0 | <2.0 | <4.0 | 6.7 | **3.43** | **468** | 963 | 98.6 | **40.4** | <2.0 | 9.4 | <2.0 | <10.0 | <2.0 | <10.0 | <2.0 | <2.0 | <2.0 | <2.0 | 11.8 | 5.4 | <2.0 | <2.0 | <2.0 | NS |
| | 9/28/2018 | **6.2** | <2.0 | <2.0 | <4.0 | 6.2 | **3.04** | **441** | 343 | 43.8 | 16.5 | <2.0 | 3.7 | <2.0 | <10.0 | <2.0 | <10.0 | <2.0 | <2.0 | <2.0 | <2.0 | 10.7 | 7.4 | <2.0 | <2.0 | <2.0 | NS |
| | 12/3/2018 | 3.3 | <2.0 | <2.0 | <4.0 | 3.3 | **2.82** | **393** | 475 | 53.7 | 19.9 | <2.0 | 5.5 | <2.0 | <10.0 | <2.0 | <10.0 | <2.0 | <2.0 | <2.0 | <2.0 | 5.2 | 5.9 | <2.0 | <2.0 | <2.0 | NS |
| | 3/11/2019 | **6.4** | <2.0 | <2.0 | <4.0 | 6.4 | **2.37** | **361** | 1,540e | 210 | **43.5** | <2.0 | 10.9 | <2.0 | 12.2 | <2.0 | <10.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | NS |
| | 6/12/2019 | **9.7** | <2.0 | <2.0 | <4.0 | 9.7 | **2.27** | **655** | 3,870 | 251 | **91.9** | <2.0 | 15.3 | <2.0 | <10.0 | <2.0 | <10.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | NS |
| | 9/12/2019 | **37.0** | <2.0 | <2.0 | <4.0 | 9.7 | **3.64** | **716** | 6,240 | 335 | **168** | <2.0 | 38.8 | 2.8 | 17.1 | <2.0 | 11 | <2.0 | <2.0 | <2.0 | <2.0 | 2.5 | 3.4 | <2.0 | 1.4 | <2.0 | NS |
| | 12/4/2019 | **18.8** | <1.0 | <1.0 | <2.0 | 18.8 | **2.47** | **503** | 6,810 | 285 | **104** | <1.0 | 31.3 | 1.9 | 12.9 | <1.0 | <10.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.1 | 2.4 | <1.0 | 1.5 | <1.0 | NS |
| | 12/1/2021 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | **0.46** | <100 | 17.0 | <20.0 | 1.5 | <1.0 | <2.0 | <1.0 | <10.0 | <1.0 | <10.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NS |
| | 8/24/2023 | 1.0 J | <1.0 | <1.0 | <2.0 | 1.0 J | **1.60** | **570** | 2000 E | <20.0 | **27.5** | <1.0 | 20.5 | <1.0 | <10.0 | <1.0 | <10.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NS |
| | 11/15/2023 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | **3.63** | **395** | 2140 E | <20.0 | 19.8 | <1.0 | 17.2 | <1.0 | <10.0 | <1.0 | <10.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | NS |
| Case Closure. Begin HRGUA Sampling in 2025 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EMW-2 | 3/27/2025 | **163** | 15.0 | <1.0 | 3.0 J | 181 | NS | NS | 1,950 E | 282 | **30.2** | <1.0 | 67.3 | 8.4 | <10.0 | <1.0 | <10.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <500 |
| | 4/7/2025 | **61.7** | 4.6 | <1.0 | 1.5 J | 67.8 | **8.62** | **1,270** | 2300 E | 181 | **30.5** | <1.0 | 57.9 | 5.4 | <10.0 | <1.0 | 27.9 | <1.0 | <1.0 | <1.0 | 1.8 J | 2.0 J | <1.0 | <1.0 | 1.4 J | <2.0 | <500 |
| **Type I and II Aquifers** | | **5** | **1,000** | **700** | **10,000** | **NRS** | **0.047** | **47** | **NRS** | **NRS** | **20** | **100** | **NRS** | **NRS** | **1,400** | **70** | **560** | **5** | **45** | **NRS** | **6.0** | **5.6** | **NRS** | **NRS** | **NRS** | **0.17** | **NRS** |
| TP-1 | 11/6/2006 | **1,000** | **1,700** | 150 | 870 | 3720.0 | **1.200** | **9,900** | BDL | BDL | **13,500** | BDL | 220 | BDL | BDL | BDL | BDL | **1,000** | 11 | 9.2 | 95 | 340 | 9.2 | BDL | 20 | **20** | NS |
| | 6/7/2007 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 12/7/2007 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 3/8/2008 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 6/8/2008 | **520** | **2,100** | 200 | 1,600 | 4420.0 | BDL | **1,700** | 4,000 | BDL | **900** | BDL | BDL | BDL | BDL | BDL | BDL | **520** | 19 | 42 | 390 | 620 | 45 | BDL | 65 | **220** | NS |
| | 8/8/2008 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 11/8/2008 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 2/9/2009 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 8/9/2009 | BDL | BDL | BDL | BDL | BDL | BDL | NS | BDL | BDL | 6.9 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 3/9/2010 | **13** | 37 | 30 | 310 | 390.0 | **8.600** | **3,000** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | **13** | 12 | 31 | 180 | 370 | 33 | BDL | BDL | **70** | NS |
| | 10/10/2010 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 9/26/2011 | **2,800** | **10,200** | **2,100** | **10,000** | 16100.0 | **2.500** | **8,600** | BDL | BDL | **850** | BDL | BDL | BDL | BDL | BDL | BDL | **2,800** | **76** | BDL | 500 | 800 | 60 | BDL | BDL | **930** | NS |
| | 5/2/2012 | **5,100** | **9,200** | **1,200** | **12,400** | 27900.0 | **42.000** | **42,000** | BDL | BDL | **1,400** | BDL | BDL | BDL | BDL | BDL | BDL | **5,100** | 47 | 100 | 660 | 1,300 | 82 | BDL | BDL | **1,100** | NS |
| | 1/17/2013 | **1,400** | **3,800** | **880** | **10,000** | 7080.0 | **3.200** | **31,000** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | **1,400** | 59 | 110 | 710 | 1,200 | 150 | BDL | BDL | **1,800** | NS |
| | 8/13/2013 | **3,100** | **6,700** | 530 | 4,900 | 15230.0 | **7.600** | **1,400** | BDL | BDL | **200** | BDL | 165 | BDL | BDL | BDL | BDL | **3,100** | 37 | 56 | 410 | 810 | 64 | BDL | BDL | **230** | NS |
| | 6/12/2014 | **835** | **1,850** | 172 | 2,199 | 5056.0 | **23.300** | **16,000** | 1,850 | BDL | **41.8j** | BDL | BDL | BDL | BDL | BDL | BDL | **835** | BDL | 57.2j | 622 | 1,740 | BDL | BDL | 51.8j | **136** | NS |

**Table 2 - Historical Groundwater Analytical Results**
**Gasoline Fueling Station – Myersville Crown**
**Myersville Crown 9486 Myersville Road, Myersville, MD 21773**

| Well No. | Date | B | T | E | X | Total BTEX | TPH DRO | TPH GRO | TBA | TAA | MTBE | Trans-12 DCE | DIPE | TAME | Acetone | Cis-12 DCE | 2-Butanone | TCE | IPBZ | NPABZ | 135TMBZ | 124TMBZ | 4IPT | SBTBZ | NBTBZ | Nap | Ethanol |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TP-1A | 3/25/2015 | **18.5** | 4.2j | 17.0 | 21.3 | 61.0j | **1.15** | **518** | 595 | 207 | **25.3** | BDL | 12.3 | BDL | 38.7 | BDL | BDL | BDL | BDL | BDL | 41.3 | 84.7 | BDL | BDL | BDL | **6.2j** | NS |
| | 6/23/2015 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 9/21/2015 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 6/30/2016 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 9/30/2016 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 12/23/2016 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 3/24/2017 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 11/1/2017 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 3/23/2018 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 6/19/2018 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 9/28/2018 | <2.0 | <2.0 | <2.0 | <4.0 | <10.0 | **0.61** | <100 | <15.0 | <20.0 | <2.0 | <2.0 | <2.0 | <2.0 | <10.0 | <2.0 | <10.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | NS |
| | 12/3/2018 | <2.0 | <2.0 | <2.0 | <4.0 | <10.0 | **0.24** | <100 | 28.0 | <20.0 | <2.0 | <2.0 | <2.0 | <2.0 | <10.0 | <2.0 | <10.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | NS |
| | 3/11/2019 | <2.0 | <2.0 | <2.0 | <4.0 | <10.0 | **0.25** | <100 | 28.0 | <20.0 | <2.0 | <2.0 | <2.0 | <2.0 | <10.0 | <2.0 | <10.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | NS |
| | 6/12/2019 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 9/12/2019 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 12/4/2019 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| TP-2 | 11/6/2006 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 6/7/2007 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 12/7/2007 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 3/8/2008 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 6/8/2008 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 8/8/2008 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 11/8/2008 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 2/9/2009 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 8/9/2009 | BDL | BDL | BDL | BDL | BDL | BDL | NS | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 3/9/2010 | **10** | 7.8 | BDL | BDL | 17.8 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 10/10/2010 | **70** | 320 | 98 | 4,700 | 5188.0 | **2.800** | **1,500** | BDL | BDL | **250** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 27 | 91 | 1,000 | 1,600 | 94 | BDL | BDL | **520** | NS |
| | 9/26/2011 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 5/2/2012 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 1/17/2013 | **8.2** | 34 | BDL | 100 | 42.2 | NS | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 38 | 15 | BDL | BDL | BDL | BDL | NS |
| | 8/13/2013 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 6/12/2014 | BDL | BDL | BDL | BDL | BDL | **1.870** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| TP-2A | 3/25/2015 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 16.6 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/23/2015 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 9/21/2015 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 6/30/2016 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 9/30/2016 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 12/23/2016 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 3/24/2017 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 11/1/2017 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 3/23/2018 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 6/19/2018 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 9/28/2018 | <2.0 | <2.0 | <2.0 | <4.0 | <10.0 | <0.20 | <100 | <15.0 | <20.0 | <2.0 | <2.0 | <2.0 | <2.0 | <10.0 | <2.0 | <10.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | NS |
| | 12/3/2018 | <2.0 | <2.0 | <2.0 | <4.0 | <10.0 | **0.21** | <100 | <15.0 | <20.0 | <2.0 | <2.0 | <2.0 | <2.0 | <10.0 | <2.0 | <10.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | NS |
| | 3/11/2019 | <2.0 | <2.0 | <2.0 | <4.0 | <10.0 | <0.20 | <100 | 28.0 | <20.0 | <2.0 | <2.0 | <2.0 | <2.0 | <10.0 | <2.0 | <10.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | NS |
| | 6/12/2019 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 9/12/2019 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 12/4/2019 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| **Type I and II Aquifers** | | **5** | **1,000** | **700** | **10,000** | **NRS** | **0.047** | **47** | **NRS** | **NRS** | **20** | **100** | **NRS** | **NRS** | **1,400** | **70** | **560** | **5** | **45** | **NRS** | **6.0** | **5.6** | **NRS** | **NRS** | **NRS** | **0.17** | **NRS** |

**Table 2 - Historical Groundwater Analytical Results**
**Gasoline Fueling Station – Myersville Crown**
**Myersville Crown 9486 Myersville Road, Myersville, MD 21773**

| Well No. | Date | B | T | E | X | Total BTEX | TPH DRO | TPH GRO | TBA | TAA | MTBE | Trans-12 DCE | DIPE | TAME | Acetone | Cis-12 DCE | 2-Butanone | TCE | IPBZ | NPABZ | 135TMBZ | 124TMBZ | 4IPT | SBTBZ | NBTBZ | Nap | Ethanol |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PW-1 | 11/6/2006 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | **38** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/7/2007 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 12/7/2007 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 3/8/2008 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/8/2008 | BDL | BDL | 1.8 | 2.3 | 4.1 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 8/8/2008 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 11/8/2008 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 2/9/2009 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 8/9/2009 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 6.9 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 3/9/2010 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 10/10/2010 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 15 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 9/26/2011 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | **110** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 5/2/2012 | 1.1 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | **570** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 1/17/2013 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | **380** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 8/13/2013 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | **230** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/12/2014 | BDL | BDL | BDL | BDL | BDL | BDL | **215** | BDL | BDL | **302** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 3/25/2015 | BDL | BDL | BDL | BDL | BDL | BDL | **199** | BDL | BDL | **237** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/23/2015 | BDL | BDL | BDL | BDL | BDL | BDL | **154** | BDL | BDL | **211** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 9/21/2015 | BDL | BDL | BDL | BDL | BDL | BDL | **204** | BDL | BDL | **231** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/30/2016 | BDL | BDL | BDL | BDL | BDL | BDL | **194** | BDL | BDL | **132** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 9/30/2016 | BDL | BDL | BDL | BDL | BDL | BDL | **122** | BDL | BDL | **111** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 12/23/2016 | BDL | BDL | BDL | BDL | BDL | BDL | **173** | BDL | BDL | **181** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 3/24/2017 | BDL | BDL | BDL | BDL | BDL | BDL | **149** | BDL | BDL | **158** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 11/1/2017 | BDL | BDL | BDL | BDL | BDL | BDL | **157** | BDL | BDL | **178** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 3/23/2018 | BDL | BDL | BDL | BDL | BDL | BDL | **175** | BDL | BDL | **157** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/19/2018 | <5.0 | <5.0 | <5.0 | <10.0 | <25.0 | <0.19 | **216** | <100 | <100 | **308** | <5.0 | <5.0 | <5.0 | NS | <5.0 | NS | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | NS |
| | 9/28/2018 | <5.0 | <5.0 | <5.0 | <10.0 | <25.0 | <0.19 | **319** | <100 | <100 | **253** | <5.0 | <5.0 | <5.0 | NS | <5.0 | NS | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | NS |
| | 12/3/2018 | <5.0 | <5.0 | <5.0 | <10.0 | <25.0 | <0.19 | **219** | <100 | <100 | **276** | <5.0 | <5.0 | <5.0 | NS | <5.0 | NS | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | NS |
| | 3/11/2019 | <5.0 | <5.0 | <5.0 | <10.0 | <25.0 | 0.0402 | **205** | <100 | <100 | **312** | <5.0 | <5.0 | <5.0 | NS | <5.0 | NS | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | NS |
| | 6/12/2019 | <5.0 | <5.0 | <5.0 | <10.0 | <25.0 | NS | NS | <100 | <100 | **211** | <5.0 | <5.0 | <5.0 | NS | <5.0 | NS | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | NS |
| | 9/12/2019 | <5.0 | <5.0 | <5.0 | <10.0 | <25.0 | NS | NS | <100 | <100 | **263** | <5.0 | <5.0 | <5.0 | NS | <5.0 | NS | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | NS |
| | 12/4/2019 | <5.0 | <5.0 | <5.0 | <10.0 | <25.0 | NS | NS | <100 | <100 | **212** | <5.0 | <5.0 | <5.0 | NS | <5.0 | NS | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | NS |
| | 12/1/2021 | <5.0 | <5.0 | <5.0 | <10.0 | <25.0 | NS | NS | <100 | <100 | **237** | <5.0 | <5.0 | <5.0 | NS | <5.0 | NS | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | NS |
| PW-2A | 11/6/2006 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | **20** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/7/2007 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 12/7/2007 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 3/8/2008 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/8/2008 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 3.2 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 8/8/2008 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 11/8/2008 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 2/9/2009 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 8/9/2009 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 3/9/2010 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 10/10/2010 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 9/26/2011 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 5/2/2012 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 1/17/2013 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 8/13/2013 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/12/2014 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 36.2 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 3/25/2015 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 52.3 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/23/2015 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 77.5 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 9/21/2015 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 45.1 | BDL | 1.70 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/30/2016 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 51.2 | BDL | **75.4** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 9/30/2016 | BDL | BDL | BDL | BDL | BDL | BDL | **132** | 37.8 | BDL | **78.8** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 12/23/2016 | BDL | BDL | BDL | BDL | BDL | BDL | **118** | 34.6 | BDL | **128k** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 3/24/2017 | BDL | BDL | BDL | BDL | BDL | BDL | **103** | 26.3 | BDL | **114** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 11/1/2017 | BDL | BDL | BDL | BDL | BDL | BDL | **171** | 40.4 | BDL | **194K** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 3/23/2018 | BDL | BDL | BDL | BDL | BDL | BDL | **161** | BDL | BDL | **145** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/19/2018 | <5.0 | <5.0 | <5.0 | <10.0 | <25.0 | <0.19 | **214** | <100 | <100 | **319** | <5.0 | <5.0 | <5.0 | NS | <5.0 | NS | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | NS |
| | 9/28/2018 | <5.0 | <5.0 | <5.0 | <10.0 | <25.0 | <0.19 | **220** | <100 | <100 | **242** | <5.0 | <5.0 | <5.0 | NS | <5.0 | NS | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | NS |
| | 12/3/2018 | <5.00 | <5.00 | <5.00 | <10.00 | <25.00 | <0.18 | 185 | <100 | <100 | **233** | <5.00 | <5.00 | <5.0 | NS | <5.00 | NS | <5.00 | <5.00 | <5.00 | <5.00 | <5.00 | <5.00 | <5.00 | <5.00 | <5.00 | NS |
| | 3/11/2019 | <5.0 | <5.0 | <5.0 | <10.0 | <25.0 | 0.0462 | **214** | <100 | <100 | **229** | <5.0 | <5.0 | <5.0 | NS | <5.0 | NS | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | NS |
| | 6/12/2019 | <5.0 | <5.0 | <5.0 | <10.0 | <25.0 | NS | NS | 40.9 | <100 | **244** | <5.0 | <5.0 | <5.0 | NS | <5.0 | NS | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | NS |
| | 9/12/2019 | <5.0 | <5.0 | <5.0 | <10.0 | <25.0 | NS | NS | 40.9 | <100 | **317** | <5.0 | <5.0 | <5.0 | NS | <5.0 | NS | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | NS |
| | 12/4/2019 | <5.0 | <5.0 | <5.0 | <10.0 | <25.0 | NS | NS | 40.9 | <100 | **217** | <5.0 | <5.0 | <5.0 | NS | <5.0 | NS | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | NS |
| | 12/1/2021 | <5.0 | <5.0 | <5.0 | <10.0 | <25.0 | NS | NS | <100 | <100 | **219** | <5.0 | <5.0 | <5.0 | NS | <5.0 | NS | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | NS |
| **Type I and II Aquifers** | | **5** | **1,000** | **700** | **10,000** | **NRS** | **0.047** | **47** | **NRS** | **NRS** | **20** | **100** | **NRS** | **NRS** | **1,400** | **70** | **560** | **5** | **45** | **NRS** | **6.0** | **5.6** | **NRS** | **NRS** | **NRS** | **0.17** | **NRS** |

**Table 2 - Historical Groundwater Analytical Results**
**Gasoline Fueling Station – Myersville Crown**
**Myersville Crown 9486 Myersville Road, Myersville, MD 21773**

| Well No. | Date | B | T | E | X | Total BTEX | TPH DRO | TPH GRO | TBA | TAA | MTBE | Trans-12 DCE | DIPE | TAME | Acetone | Cis-12 DCE | 2-Butanone | TCE | IPBZ | NPABZ | 135TMBZ | 124TMBZ | 4IPT | SBTBZ | NBTBZ | Nap | Ethanol |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PW-2B | 11/6/2006 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | **11** | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/7/2007 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 12/7/2007 | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | BDL | NS | NS | NS |
| | 3/8/2008 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/8/2008 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 8/8/2008 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 11/8/2008 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 2/9/2009 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 8/9/2009 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 3/9/2010 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 10/10/2010 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 9/26/2011 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 5/2/2012 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 1/17/2013 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 8/13/2013 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/12/2014 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 44.3 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 3/25/2015 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 24.6 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/23/2015 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 59.8 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 9/21/2015 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 55.7 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/30/2016 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 53.9 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 9/30/2016 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 38.2 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 12/23/2016 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 34.6 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 3/24/2017 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 41.4 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 11/1/2017 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 34.1 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 3/23/2018 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 32.9 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/19/2018 | <0.50 | <0.50 | <0.50 | <1.0 | <2.5 | <0.19 | <100 | 63.7 | <10.0 | 2.16 | <0.50 | <0.50 | <0.50 | NS | <0.50 | NS | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | NS |
| | 9/28/2018 | <0.50 | <0.50 | <0.50 | <1.0 | <2.5 | <0.19 | <100 | 44.3 | <10.0 | **25.1** | <0.50 | <0.50 | <0.50 | NS | <0.50 | NS | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | NS |
| | 12/3/2018 | <1.00 | <1.00 | <1.00 | <2.00 | <5.00 | <0.18 | <100 | 58.0 | <20.0 | **61.7** | <1.00 | <1.00 | <1.00 | NS | <1.00 | NS | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | NS |
| | 3/11/2019 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | <0.0364 | <100 | 45.5 | <20.0 | **60.9** | <1.0 | <1.0 | <1.0 | NS | <1.0 | NS | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.00 | <1.00 | NS |
| | 6/12/2019 | <1.0 | <1.0 | <1.0 | <2.0 | <5.0 | NS | NS | 52.1 | <20.0 | **112** | <1.0 | <1.0 | <1.0 | NS | <1.0 | NS | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.00 | <1.00 | NS |
| | 9/12/2019 | <2.50 | <2.50 | <2.50 | <5.0 | <12.50 | NS | NS | 58.8 | <50.0 | **225** | <2.50 | <2.50 | <2.50 | NS | <2.50 | NS | <2.50 | <2.50 | <2.50 | <2.50 | <2.50 | <2.50 | <2.50 | <2.50 | <2.50 | NS |
| | 12/4/2019 | <2.50 | <2.50 | <2.50 | <5.0 | <12.50 | NS | NS | 58.8 | <50.0 | **153** | <2.50 | <2.50 | <2.50 | NS | <2.50 | NS | <2.50 | <2.50 | <2.50 | <2.50 | <2.50 | <2.50 | <2.50 | <2.50 | <2.50 | NS |
| | 12/1/2021 | <5.0 | <5.0 | <5.0 | <10.0 | <25.0 | NS | NS | <100 | <100 | **204** | <5.0 | <5.0 | <5.0 | NS | <5.0 | NS | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | NS |
| **Type I and II Aquifers** | | **5** | **1,000** | **700** | **10,000** | **NRS** | **0.047** | **47** | **NRS** | **NRS** | **20** | **100** | **NRS** | **NRS** | **1,400** | **70** | **560** | **5** | **45** | **NRS** | **6.0** | **5.6** | **NRS** | **NRS** | **NRS** | **0.17** | **NRS** |
| PW-3 | 11/6/2006 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 6/7/2007 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 12/7/2007 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 3/8/2008 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 6/8/2008 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 8/8/2008 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 11/8/2008 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 2/9/2009 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 8/9/2009 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 3/9/2010 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 10/10/2010 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 9/26/2011 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| | 5/2/2012 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 1/17/2013 | BDL | BDL | BDL | BDL | BDL | BDL | 2,100 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 8/13/2013 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/12/2014 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 45.1 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 3/25/2015 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/23/2015 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 21.5 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 9/21/2015 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 59.5 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/30/2016 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 110 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 9/30/2016 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 27.6 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 12/23/2016 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 35.9 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 3/24/2017 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 34.9 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 11/1/2017 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 40.4 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 3/23/2018 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | 28.8 | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | BDL | NS |
| | 6/19/2018 | <0.50 | <0.50 | <0.50 | <1.0 | <2.5 | <0.19 | <100 | 84.9 | <10.0 | <0.50 | <0.50 | <0.50 | <0.50 | NS | <0.50 | NS | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | NS |
| | 9/28/2018 | <0.50 | <0.50 | <0.50 | <1.0 | <2.5 | <0.19 | <100 | 55.1 | <10.0 | <0.50 | <0.50 | <0.50 | <0.50 | NS | <0.50 | NS | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | NS |
| | 12/3/2018 | <0.50 | <0.50 | <0.50 | <1.0 | <2.5 | <0.19 | <100 | 46.7 | <10.0 | <0.50 | <0.50 | <0.50 | <0.50 | NS | <0.50 | NS | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | NS |
| | 3/11/2019 | <0.50 | <0.50 | <0.50 | <1.0 | <2.5 | <0.0362 | <100 | 49.7 | <10.0 | <0.50 | <0.50 | <0.50 | <0.50 | NS | <0.50 | NS | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | NS |
| | 6/12/2019 | <0.50 | <0.50 | <0.50 | <0.50 | <2.0 | NS | NS | 47.8 | <10.0 | <0.50 | <0.50 | <0.50 | <0.50 | NS | <0.50 | NS | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | NS |
| | 9/12/2019 | <0.50 | <0.50 | <0.50 | <0.50 | <2.0 | NS | NS | 51.7 | <10.0 | <0.50 | <0.50 | <0.50 | <0.50 | NS | <0.50 | NS | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | NS |
| | 12/4/2019 | <0.50 | <0.50 | <0.50 | <0.50 | <2.0 | NS | NS | 41.8 | <10.0 | <0.50 | <0.50 | <0.50 | <0.50 | NS | <0.50 | NS | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | NS |
| | 12/1/2021 | <5.0 | <5.0 | <5.0 | <10.0 | <25.0 | NS | NS | <100 | <100 | **236** | <5.0 | <5.0 | <5.0 | NS | <5.0 | NS | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | NS |
| **Type I and II Aquifers** | | **5** | **1,000** | **700** | **10,000** | **NRS** | **0.047** | **47** | **NRS** | **NRS** | **20** | **100** | **NRS** | **NRS** | **1,400** | **70** | **560** | **5** | **45** | **NRS** | **6.0** | **5.6** | **NRS** | **NRS** | **NRS** | **0.17** | **NRS** |

TPH DRO results in parts per million or mg/L
VOC and TPH GRO results in parts per billion or ug/L
BDL = Below Detection Limits
B = Benzene; T = Toluene; E = Ethylbenzene; X = Xylene
MTBE = Methyl-tert-butyl-ether
TPH GRO = Total Petroleum Hydrocarbons Gasoline Range Organics
TPH DRO = Total Petroleum Hydrocarbons Diesel Range Organics
ND = No Data
NRS = No Regulatory Standard
BDL = Below Detectable Limit
J = Laboratory Estimated Value
K = Result Taken From Alternate Analysis
TAA = tert-Amyl alcohol
Trans 12 DCE = Trans-1,2 Dichchloroethene
Cis 12 DCE = Cis 1,2 Dichloroethene
TCE = Trichloroethene
Nap = Naphthalene
IPBZ = Isopropylbenzene
NPABZ = N-Propylbenzene
135TMBZ = 1,3,5 Trimethylbenzene
124TMBZ = 1,2,4 Trimethylbenzene
4IPT = 4-Isopropyltoluene
SBTBZ = sec-Butylbenzene
NBTBZ = N-Butylbenzene

# Attachment C

## Laboratory Analytical Report and Chain of Custody Form

Maryland spectral Services

Analytical Chemistry Services

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com
VELAP ID 460040

03 April 2025

Meredith Boyce
Advantage Environmental Consultants
8610 Washington Blvd, Suite 217
Jessup, MD 20794
RE: MYERSVILLE CROWN

Enclosed are the results of analyses for samples received by the laboratory on 03/27/25 15:46.

Maryland Spectral Services, Inc. is a TNI 2016 Standard accredited laboratory and as such, all analyses performed at Maryland Spectral Services included in this report are 2016 TNI certified except as indicated at the end of this report. Please visit our website at www.mdspectral.com for a complete listing of our TNI 2016 Standard accreditations.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Will Brewington
President

Maryland spectral Services

Analytical Chemistry Services

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

# Analytical Results

**Project: MYERSVILLE CROWN**

Project Number: 06-170
Project Manager: Meredith Boyce

**Reported:**
04/03/25 11:17

| Client Sample ID | Alternate Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|---|---|---|---|---|---|
| MW-1 | | 5032717-01 | Nonpotable Water | 03/27/25 13:30 | 03/27/25 15:46 |
| MW-2 | | 5032717-02 | Nonpotable Water | 03/27/25 13:35 | 03/27/25 15:46 |
| MW-3R | | 5032717-03 | Nonpotable Water | 03/27/25 13:40 | 03/27/25 15:46 |
| EMW-1 | | 5032717-04 | Nonpotable Water | 03/27/25 13:45 | 03/27/25 15:46 |
| EMW-2 | | 5032717-05 | Nonpotable Water | 03/27/25 13:50 | 03/27/25 15:46 |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Will Brewington, President

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Maryland spectral Services

Analytical Chemistry Services

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# Analytical Results

**Project: MYERSVILLE CROWN**

Project Number: 06-170
Project Manager: Meredith Boyce

**Reported:**
04/03/25 11:17

## MW-1

**5032717-01 (Nonpotable Water)**
**Sampled on: 03/27/25 13:30**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES** | | | | | | | | | |
| Acetone | ND | | ug/L | 10.0 | 10.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| tert-Amyl alcohol (TAA) | ND | | ug/L | 20.0 | 20.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| tert-Amyl methyl ether (TAME) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| Benzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| Bromobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| Bromochloromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| Bromodichloromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| Bromoform | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| Bromomethane | ND | | ug/L | 5.0 | 5.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| tert-Butanol (TBA) | ND | | ug/L | 15.0 | 15.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| 2-Butanone (MEK) | ND | | ug/L | 10.0 | 10.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| n-Butylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| sec-Butylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| tert-Butylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| Carbon disulfide | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| Carbon tetrachloride | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| Chlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| Chloroethane | ND | | ug/L | 5.0 | 3.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| Chloroform | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| Chloromethane | ND | | ug/L | 5.0 | 5.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| 2-Chlorotoluene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| 4-Chlorotoluene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| Dibromochloromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| 1,2-Dibromo-3-chloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| 1,2-Dibromoethane (EDB) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| Dibromomethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| 1,2-Dichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| 1,3-Dichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| 1,4-Dichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| Dichlorodifluoromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| 1,1-Dichloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| 1,2-Dichloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| 1,1-Dichloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Will Brewington, President

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Baltimore MD 21227
410-247-7600
www.mdspectral.com

# Analytical Results

**Project: MYERSVILLE CROWN**

Project Number: 06-170
Project Manager: Meredith Boyce

**Reported:**
04/03/25 11:17

## MW-1

**5032717-01 (Nonpotable Water)**
**Sampled on: 03/27/25 13:30**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)** | | | | | | | | | |
| cis-1,2-Dichloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| trans-1,2-Dichloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| Dichlorofluoromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| 1,2-Dichloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| 1,3-Dichloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| 2,2-Dichloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| 1,1-Dichloropropene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| cis-1,3-Dichloropropene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| trans-1,3-Dichloropropene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| Diisopropyl ether (DIPE) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| Ethanol | ND | | ug/L | 500 | 500 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| Ethyl tert-butyl ether (ETBE) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| Ethylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| Hexachlorobutadiene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| 2-Hexanone | ND | | ug/L | 10.0 | 10.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| Isopropylbenzene (Cumene) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| 4-Isopropyltoluene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| Methyl tert-butyl ether (MTBE) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| 4-Methyl-2-pentanone | ND | | ug/L | 10.0 | 10.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| Methylene chloride | ND | | ug/L | 10.0 | 5.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| Naphthalene | ND | | ug/L | 2.0 | 2.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| n-Propylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| Styrene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| 1,1,1,2-Tetrachloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| Tetrachloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| **Toluene** | **1.1** | J | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| 1,2,3-Trichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| 1,1,1-Trichloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| 1,1,2-Trichloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| Trichloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| Trichlorofluoromethane (Freon 11) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |

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410-247-7600
www.mdspectral.com

# Analytical Results

**Project: MYERSVILLE CROWN**

Project Number: 06-170
Project Manager: Meredith Boyce

**Reported:**
04/03/25 11:17

## MW-1

**5032717-01 (Nonpotable Water)**
**Sampled on: 03/27/25 13:30**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)** | | | | | | | | | |
| 1,2,3-Trichloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| **1,2,4-Trimethylbenzene** | **5.1** | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| **1,3,5-Trimethylbenzene** | **1.5** | J | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| Vinyl chloride | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| **o-Xylene** | **1.5** | J | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| **m- & p-Xylenes** | **3.2** | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 21:40 | LL |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *70-130* | *106 %* | | *04/01/25* | | *04/01/25 21:40* | |
| *Surrogate: Toluene-d8* | | | *75-120* | *102 %* | | *04/01/25* | | *04/01/25 21:40* | |
| *Surrogate: 4-Bromofluorobenzene* | | | *75-120* | *100 %* | | *04/01/25* | | *04/01/25 21:40* | |

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Will Brewington, President

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Maryland spectral Services

Analytical Chemistry Services

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# Analytical Results

**Project: MYERSVILLE CROWN**

Project Number: 06-170
Project Manager: Meredith Boyce

**Reported:**
04/03/25 11:17

## MW-2

**5032717-02 (Nonpotable Water)**
**Sampled on: 03/27/25 13:35**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES** | | | | | | | | | |
| Acetone | ND | | ug/L | 10.0 | 10.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| tert-Amyl alcohol (TAA) | ND | | ug/L | 20.0 | 20.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| tert-Amyl methyl ether (TAME) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| Benzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| Bromobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| Bromochloromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| Bromodichloromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| Bromoform | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| Bromomethane | ND | | ug/L | 5.0 | 5.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| tert-Butanol (TBA) | ND | | ug/L | 15.0 | 15.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| 2-Butanone (MEK) | ND | | ug/L | 10.0 | 10.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| n-Butylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| sec-Butylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| tert-Butylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| Carbon disulfide | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| Carbon tetrachloride | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| Chlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| Chloroethane | ND | | ug/L | 5.0 | 3.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| Chloroform | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| Chloromethane | ND | | ug/L | 5.0 | 5.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| 2-Chlorotoluene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| 4-Chlorotoluene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| Dibromochloromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| 1,2-Dibromo-3-chloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| 1,2-Dibromoethane (EDB) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| Dibromomethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| 1,2-Dichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| 1,3-Dichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| 1,4-Dichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| Dichlorodifluoromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| 1,1-Dichloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| 1,2-Dichloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| 1,1-Dichloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |

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# Analytical Results

**Project: MYERSVILLE CROWN**

Project Number: 06-170
Project Manager: Meredith Boyce

**Reported:**
04/03/25 11:17

## MW-2

**5032717-02 (Nonpotable Water)**
**Sampled on: 03/27/25 13:35**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)** | | | | | | | | | |
| cis-1,2-Dichloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| trans-1,2-Dichloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| Dichlorofluoromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| 1,2-Dichloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| 1,3-Dichloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| 2,2-Dichloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| 1,1-Dichloropropene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| cis-1,3-Dichloropropene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| trans-1,3-Dichloropropene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| Diisopropyl ether (DIPE) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| Ethanol | ND | | ug/L | 500 | 500 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| Ethyl tert-butyl ether (ETBE) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| **Ethylbenzene** | **1.2** | J | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| Hexachlorobutadiene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| 2-Hexanone | ND | | ug/L | 10.0 | 10.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| Isopropylbenzene (Cumene) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| 4-Isopropyltoluene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| Methyl tert-butyl ether (MTBE) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| 4-Methyl-2-pentanone | ND | | ug/L | 10.0 | 10.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| Methylene chloride | ND | | ug/L | 10.0 | 5.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| **Naphthalene** | **2.6** | | ug/L | 2.0 | 2.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| n-Propylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| Styrene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| 1,1,1,2-Tetrachloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| Tetrachloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| **Toluene** | **3.0** | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| 1,2,3-Trichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| 1,1,1-Trichloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| 1,1,2-Trichloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| Trichloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| Trichlorofluoromethane (Freon 11) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |

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# Analytical Results

**Project: MYERSVILLE CROWN**

Project Number: 06-170
Project Manager: Meredith Boyce

**Reported:**
04/03/25 11:17

## MW-2

**5032717-02 (Nonpotable Water)**
**Sampled on: 03/27/25 13:35**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)** | | | | | | | | | |
| 1,2,3-Trichloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| **1,2,4-Trimethylbenzene** | **8.8** | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| **1,3,5-Trimethylbenzene** | **2.4** | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| Vinyl chloride | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| **o-Xylene** | **3.2** | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| **m- & p-Xylenes** | **7.0** | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:05 | LL |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *70-130* | *96 %* | *04/01/25* | | *04/01/25 22:05* | | |
| *Surrogate: Toluene-d8* | | | *75-120* | *100 %* | *04/01/25* | | *04/01/25 22:05* | | |
| *Surrogate: 4-Bromofluorobenzene* | | | *75-120* | *99 %* | *04/01/25* | | *04/01/25 22:05* | | |

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# Analytical Results

**Project: MYERSVILLE CROWN**

Project Number: 06-170
Project Manager: Meredith Boyce

**Reported:**
04/03/25 11:17

## MW-3R

**5032717-03 (Nonpotable Water)**
**Sampled on: 03/27/25 13:40**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES** | | | | | | | | | |
| Acetone | ND | | ug/L | 10.0 | 10.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| **tert-Amyl alcohol (TAA)** | **312** | | ug/L | 20.0 | 20.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| **tert-Amyl methyl ether (TAME)** | **6.9** | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| **Benzene** | **167** | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| Bromobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| Bromochloromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| Bromodichloromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| Bromoform | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| Bromomethane | ND | | ug/L | 5.0 | 5.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| **tert-Butanol (TBA)** | **16.6** | | ug/L | 15.0 | 15.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| 2-Butanone (MEK) | ND | | ug/L | 10.0 | 10.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| n-Butylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| sec-Butylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| tert-Butylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| Carbon disulfide | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| Carbon tetrachloride | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| Chlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| Chloroethane | ND | | ug/L | 5.0 | 3.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| Chloroform | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| Chloromethane | ND | | ug/L | 5.0 | 5.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| 2-Chlorotoluene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| 4-Chlorotoluene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| Dibromochloromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| 1,2-Dibromo-3-chloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| 1,2-Dibromoethane (EDB) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| Dibromomethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| 1,2-Dichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| 1,3-Dichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| 1,4-Dichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| Dichlorodifluoromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| 1,1-Dichloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| 1,2-Dichloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| 1,1-Dichloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |

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# Analytical Results

**Project: MYERSVILLE CROWN**

Project Number: 06-170
Project Manager: Meredith Boyce

**Reported:**
04/03/25 11:17

## MW-3R

**5032717-03 (Nonpotable Water)**
**Sampled on: 03/27/25 13:40**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)** | | | | | | | | | |
| cis-1,2-Dichloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| trans-1,2-Dichloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| Dichlorofluoromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| 1,2-Dichloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| 1,3-Dichloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| 2,2-Dichloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| 1,1-Dichloropropene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| cis-1,3-Dichloropropene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| trans-1,3-Dichloropropene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| **Diisopropyl ether (DIPE)** | **104** | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| Ethanol | ND | | ug/L | 500 | 500 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| Ethyl tert-butyl ether (ETBE) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| Ethylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| Hexachlorobutadiene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| 2-Hexanone | ND | | ug/L | 10.0 | 10.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| Isopropylbenzene (Cumene) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| 4-Isopropyltoluene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| **Methyl tert-butyl ether (MTBE)** | **8.7** | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| 4-Methyl-2-pentanone | ND | | ug/L | 10.0 | 10.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| Methylene chloride | ND | | ug/L | 10.0 | 5.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| Naphthalene | ND | | ug/L | 2.0 | 2.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| n-Propylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| Styrene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| 1,1,1,2-Tetrachloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| Tetrachloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| **Toluene** | **24.8** | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| 1,2,3-Trichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| 1,1,1-Trichloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| 1,1,2-Trichloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| Trichloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| Trichlorofluoromethane (Freon 11) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |

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# Analytical Results

**Project: MYERSVILLE CROWN**

Project Number: 06-170
Project Manager: Meredith Boyce

**Reported:**
04/03/25 11:17

## MW-3R

**5032717-03 (Nonpotable Water)**
**Sampled on: 03/27/25 13:40**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)** | | | | | | | | | |
| 1,2,3-Trichloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| 1,2,4-Trimethylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| Vinyl chloride | ND | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| **o-Xylene** | **27.0** | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| **m- & p-Xylenes** | **10.0** | | ug/L | 2.0 | 1.0 | 1 | 04/01/25 | 04/01/25 22:30 | LL |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *70-130* | *100 %* | | *04/01/25* | | *04/01/25 22:30* | |
| *Surrogate: Toluene-d8* | | | *75-120* | *101 %* | | *04/01/25* | | *04/01/25 22:30* | |
| *Surrogate: 4-Bromofluorobenzene* | | | *75-120* | *99 %* | | *04/01/25* | | *04/01/25 22:30* | |

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# Analytical Results

**Project: MYERSVILLE CROWN**

Project Number: 06-170
Project Manager: Meredith Boyce

**Reported:**
04/03/25 11:17

## EMW-1

**5032717-04RE1 (Nonpotable Water)**
**Sampled on: 03/27/25 13:45**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES** | | | | | | | | | |
| Acetone | ND | | ug/L | 500 | 500 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| tert-Amyl alcohol (TAA) | ND | | ug/L | 1000 | 1000 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| tert-Amyl methyl ether (TAME) | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| **Benzene** | **1580** | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| Bromobenzene | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| Bromochloromethane | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| Bromodichloromethane | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| Bromoform | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| Bromomethane | ND | | ug/L | 250 | 250 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| tert-Butanol (TBA) | ND | | ug/L | 750 | 750 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| 2-Butanone (MEK) | ND | | ug/L | 500 | 500 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| n-Butylbenzene | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| sec-Butylbenzene | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| tert-Butylbenzene | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| Carbon disulfide | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| Carbon tetrachloride | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| Chlorobenzene | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| Chloroethane | ND | | ug/L | 250 | 150 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| Chloroform | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| Chloromethane | ND | | ug/L | 250 | 250 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| 2-Chlorotoluene | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| 4-Chlorotoluene | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| Dibromochloromethane | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| 1,2-Dibromo-3-chloropropane | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| 1,2-Dibromoethane (EDB) | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| Dibromomethane | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| 1,2-Dichlorobenzene | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| 1,3-Dichlorobenzene | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| 1,4-Dichlorobenzene | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| Dichlorodifluoromethane | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| 1,1-Dichloroethane | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| 1,2-Dichloroethane | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| 1,1-Dichloroethene | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |

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Will Brewington, President

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# Analytical Results

**Project: MYERSVILLE CROWN**

Project Number: 06-170
Project Manager: Meredith Boyce

**Reported:**
04/03/25 11:17

## EMW-1

**5032717-04RE1 (Nonpotable Water)**
**Sampled on: 03/27/25 13:45**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)** | | | | | | | | | |
| cis-1,2-Dichloroethene | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| trans-1,2-Dichloroethene | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| Dichlorofluoromethane | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| 1,2-Dichloropropane | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| 1,3-Dichloropropane | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| 2,2-Dichloropropane | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| 1,1-Dichloropropene | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| cis-1,3-Dichloropropene | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| trans-1,3-Dichloropropene | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| **Diisopropyl ether (DIPE)** | **151** | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| Ethanol | ND | | ug/L | 25000 | 25000 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| Ethyl tert-butyl ether (ETBE) | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| **Ethylbenzene** | **368** | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| Hexachlorobutadiene | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| 2-Hexanone | ND | | ug/L | 500 | 500 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| Isopropylbenzene (Cumene) | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| 4-Isopropyltoluene | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| Methyl tert-butyl ether (MTBE) | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| 4-Methyl-2-pentanone | ND | | ug/L | 500 | 500 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| Methylene chloride | ND | | ug/L | 500 | 250 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| **Naphthalene** | **175** | | ug/L | 100 | 100 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| **n-Propylbenzene** | **57.5** | J | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| Styrene | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| 1,1,1,2-Tetrachloroethane | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| Tetrachloroethene | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| **Toluene** | **2420** | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| 1,2,3-Trichlorobenzene | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| 1,1,1-Trichloroethane | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| 1,1,2-Trichloroethane | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| Trichloroethene | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| Trichlorofluoromethane (Freon 11) | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |

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# Analytical Results

**Project: MYERSVILLE CROWN**

Project Number: 06-170
Project Manager: Meredith Boyce

**Reported:**
04/03/25 11:17

## EMW-1

**5032717-04RE1 (Nonpotable Water)**
**Sampled on: 03/27/25 13:45**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)** | | | | | | | | | |
| 1,2,3-Trichloropropane | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| **1,2,4-Trimethylbenzene** | **508** | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| **1,3,5-Trimethylbenzene** | **125** | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| Vinyl chloride | ND | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| **o-Xylene** | **705** | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| **m- & p-Xylenes** | **1530** | | ug/L | 100 | 50.0 | 50 | 04/02/25 | 04/02/25 20:36 | LL |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *70-130* | *99 %* | *04/02/25* | | *04/02/25 20:36* | | |
| *Surrogate: Toluene-d8* | | | *75-120* | *100 %* | *04/02/25* | | *04/02/25 20:36* | | |
| *Surrogate: 4-Bromofluorobenzene* | | | *75-120* | *101 %* | *04/02/25* | | *04/02/25 20:36* | | |

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# Analytical Results

**Project: MYERSVILLE CROWN**

Project Number: 06-170
Project Manager: Meredith Boyce

**Reported:**
04/03/25 11:17

## EMW-2

**5032717-05 (Nonpotable Water)**
**Sampled on: 03/27/25 13:50**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES** | | | | | | | | | |
| Acetone | ND | | ug/L | 10.0 | 10.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| **tert-Amyl alcohol (TAA)** | **282** | | ug/L | 20.0 | 20.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| **tert-Amyl methyl ether (TAME)** | **8.4** | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| **Benzene** | **163** | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| Bromobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| Bromochloromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| Bromodichloromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| Bromoform | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| Bromomethane | ND | | ug/L | 5.0 | 5.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| **tert-Butanol (TBA)** | **1950** | E | ug/L | 15.0 | 15.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| 2-Butanone (MEK) | ND | | ug/L | 10.0 | 10.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| n-Butylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| sec-Butylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| tert-Butylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| Carbon disulfide | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| Carbon tetrachloride | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| Chlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| Chloroethane | ND | | ug/L | 5.0 | 3.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| Chloroform | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| Chloromethane | ND | | ug/L | 5.0 | 5.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| 2-Chlorotoluene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| 4-Chlorotoluene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| Dibromochloromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| 1,2-Dibromo-3-chloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| 1,2-Dibromoethane (EDB) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| Dibromomethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| 1,2-Dichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| 1,3-Dichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| 1,4-Dichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| Dichlorodifluoromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| 1,1-Dichloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| 1,2-Dichloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| 1,1-Dichloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |

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# Analytical Results

**Project: MYERSVILLE CROWN**

Project Number: 06-170
Project Manager: Meredith Boyce

**Reported:**
04/03/25 11:17

## EMW-2

**5032717-05 (Nonpotable Water)**
**Sampled on: 03/27/25 13:50**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)** | | | | | | | | | |
| cis-1,2-Dichloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| trans-1,2-Dichloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| Dichlorofluoromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| 1,2-Dichloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| 1,3-Dichloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| 2,2-Dichloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| 1,1-Dichloropropene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| cis-1,3-Dichloropropene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| trans-1,3-Dichloropropene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| **Diisopropyl ether (DIPE)** | **67.3** | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| Ethanol | ND | | ug/L | 500 | 500 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| Ethyl tert-butyl ether (ETBE) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| Ethylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| Hexachlorobutadiene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| 2-Hexanone | ND | | ug/L | 10.0 | 10.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| Isopropylbenzene (Cumene) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| 4-Isopropyltoluene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| **Methyl tert-butyl ether (MTBE)** | **30.2** | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| 4-Methyl-2-pentanone | ND | | ug/L | 10.0 | 10.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| Methylene chloride | ND | | ug/L | 10.0 | 5.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| Naphthalene | ND | | ug/L | 2.0 | 2.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| n-Propylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| Styrene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| 1,1,1,2-Tetrachloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| Tetrachloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| **Toluene** | **15.0** | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| 1,2,3-Trichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| 1,1,1-Trichloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| 1,1,2-Trichloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| Trichloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| Trichlorofluoromethane (Freon 11) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |

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# Analytical Results

**Project: MYERSVILLE CROWN**

Project Number: 06-170
Project Manager: Meredith Boyce

**Reported:**
04/03/25 11:17

## EMW-2

**5032717-05 (Nonpotable Water)**
**Sampled on: 03/27/25 13:50**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)** | | | | | | | | | |
| 1,2,3-Trichloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| 1,2,4-Trimethylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| Vinyl chloride | ND | | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| **o-Xylene** | **1.3** | J | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| **m- & p-Xylenes** | **1.7** | J | ug/L | 2.0 | 1.0 | 1 | 04/02/25 | 04/02/25 00:36 | LL |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *70-130* | *107 %* | | *04/02/25* | | *04/02/25 00:36* | |
| *Surrogate: Toluene-d8* | | | *75-120* | *102 %* | | *04/02/25* | | *04/02/25 00:36* | |
| *Surrogate: 4-Bromofluorobenzene* | | | *75-120* | *102 %* | | *04/02/25* | | *04/02/25 00:36* | |

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Will Brewington, President

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410-247-7600
www.mdspectral.com

# Analytical Results

**Project: MYERSVILLE CROWN**

Project Number: 06-170
Project Manager: Meredith Boyce

**Reported:**
04/03/25 11:17

## Notes and Definitions

| | |
|---|---|
| S-98 | Spike recovery of this analyte is outside established laboratory control limits. Sample results may exhibit a bias. |
| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery. |
| J | Detected but below the reporting limit; therefore, result is an estimated concentration (CLP J-Flag). |
| E | The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate (CLP E-flag). |
| RE | Sample reanalyses are done at the laboratory's discretion as a mechanism to improve data quality. Any client requested reanalysis will be identified with a sample qualifier. |
| ND | Analyte NOT DETECTED at or above the detection limit |
| dry | Sample results reported on a dry weight basis |
| RPD | Relative Percent Difference |
| %-Solids | Percent Solids is a supportive test and as such does not require accredidation |

If this report contains any samples analyzed for gasoline range organics (GRO) by EPA Method 8015C and no trip blank was shipped, stored, and received with the sample(s) as required by Section 3.1 of the EPA Method, the sample analysis contained in this report cannot exclude the possibility that any reportable GRO measurement was due to environmental contamination of the sample during shipping or storage.

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Will Brewington, President

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# CHAIN-OF-CUSTODY RECORD

Maryland Spectral Services, Inc.
1500 Caton Center Drive, Suite G
Baltimore, MD 21227
410-247-7600 * Fax 410-247-7602
reporting@mdspectral.com

Company Name: AEC
Project Manager: Meredith Boyce
Project Name: Myersville Crown
Project ID: 06-170
Sampler(s): CM
P.O. Number:
State of Origin: Maryland

Analysis Requested: VOCs Fuel Oxygenates + Ethanol; 3 Naphthalene

Matrix Codes: NPW - non-potable water; DW - drinking water

| Field Sample ID: | Date | Time | DW | NPW | Soil | Other | Grab | Composite | # of containers | Preservative | Field Notes | MSS Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-1 | 3/27 | 13:30 | | X | | | | | 2 | HCl | | 5032717-01 A |
| MW-2 | | 13:35 | | X | | | | | 2 | | | -02 |
| MW-3R | | 13:40 | | X | | | | | 2 | | | -03 |
| EMW-1 | | 13:45 | | X | | | | | 2 | | | -04 |
| EMW-2 | | 13:50 | | X | | | | | 2 | | | -05 |

Relinquished by: (Signature)
(Printed) Carter Marino
Date /Time 3/27/25 15:48

Relinquished by: (Signature)
(Printed)
Date /Time

Relinquished by: (Signature)
(Printed)
Date /Time 15:46 3-27-25

Received by lab: (Signature)
(Printed) Lori Foster

Special Instructions / QC Requirements & Comments:
Results to: dslade MBoyce@aec-en.com CMarino

Please indicate if any of the following certifications are required:
- ☐ Virginia VELAP
- ☐ Pennsylvania NELAP
- ☐ West Virginia DEP
- ☐ MD Drinking Water
- ☐ VA Drinking Water
- ☐ Other _____

Turn Around Time:
- ☐ Normal (7 day)
- ☒ 5 day
- ☐ 4 day
- ☐ 3 day
- ☐ Rush (2 day)
- ☐ Next Day
- ☐ Other: _____
- ☐ Specific Due Date: _____

Delivery Method:
- ☐ Courier
- ☒ Client
- ☐ UPS
- ☐ Fed Ex
- ☐ USPS
- ☐ Other _____

Lab Use:
Temp: 3.7 °C
- ☑ Received on Ice
- ☑ Received Same Day
  - ☑ T-41
  - ☐ T-45

Sample Disposal:
- ☐ Return to Client
- ☒ Disposal by lab
- ☐ Archive for __ days

Maryland spectral Services

Analytical Chemistry Services

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com
VELAP ID 460040

10 April 2025

Meredith Boyce
Advantage Environmental Consultants
8610 Washington Blvd, Suite 217
Jessup, MD 20794
RE: MYERSVILLE CROWN

Enclosed are the results of analyses for samples received by the laboratory on 04/07/25 16:04.

Maryland Spectral Services, Inc. is a TNI 2016 Standard accredited laboratory and as such, all analyses performed at Maryland Spectral Services included in this report are 2016 TNI certified except as indicated at the end of this report. Please visit our website at www.mdspectral.com for a complete listing of our TNI 2016 Standard accreditations.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Samantha Adrian
Staff Chemist

Maryland spectral Services

Analytical Chemistry Services

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

# Analytical Results

**Project: MYERSVILLE CROWN**

Project Number: 06-170
Project Manager: Meredith Boyce

**Reported:**
04/10/25 14:18

| Client Sample ID | Alternate Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|---|---|---|---|---|---|
| MW-1 | | 5040712-01 | Nonpotable Water | 04/07/25 13:50 | 04/07/25 16:04 |
| MW-2 | | 5040712-02 | Nonpotable Water | 04/07/25 14:00 | 04/07/25 16:04 |
| MW-3R | | 5040712-03 | Nonpotable Water | 04/07/25 14:30 | 04/07/25 16:04 |
| EMW-1 | | 5040712-04 | Nonpotable Water | 04/07/25 14:10 | 04/07/25 16:04 |
| EMW-2 | | 5040712-05 | Nonpotable Water | 04/07/25 14:20 | 04/07/25 16:04 |

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Samantha Adrian, Staff Chemist

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Maryland spectral Services

Analytical Chemistry Services

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Baltimore MD 21227
410-247-7600
www.mdspectral.com

# Analytical Results

**Project: MYERSVILLE CROWN**

Project Number: 06-170
Project Manager: Meredith Boyce

**Reported:**
04/10/25 14:18

## MW-1

**5040712-01 (Nonpotable Water)**
**Sampled on: 04/07/25 13:50**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES** | | | | | | | | | |
| **Acetone** | **12.7** | | ug/L | 10.0 | 10.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| tert-Amyl alcohol (TAA) | ND | | ug/L | 20.0 | 20.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| tert-Amyl methyl ether (TAME) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| Benzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| Bromobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| Bromochloromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| Bromodichloromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| Bromoform | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| Bromomethane | ND | | ug/L | 5.0 | 5.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| tert-Butanol (TBA) | ND | | ug/L | 15.0 | 15.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| 2-Butanone (MEK) | ND | | ug/L | 10.0 | 10.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| n-Butylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| sec-Butylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| tert-Butylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| Carbon disulfide | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| Carbon tetrachloride | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| Chlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| Chloroethane | ND | | ug/L | 5.0 | 3.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| Chloroform | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| Chloromethane | ND | | ug/L | 5.0 | 5.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| 2-Chlorotoluene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| 4-Chlorotoluene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| Dibromochloromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| 1,2-Dibromo-3-chloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| 1,2-Dibromoethane (EDB) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| Dibromomethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| 1,2-Dichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| 1,3-Dichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| 1,4-Dichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| Dichlorodifluoromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| 1,1-Dichloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| 1,2-Dichloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| 1,1-Dichloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |

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Samantha Adrian, Staff Chemist

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410-247-7600
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# Analytical Results

**Project: MYERSVILLE CROWN**

Project Number: 06-170
Project Manager: Meredith Boyce

**Reported:**
04/10/25 14:18

## MW-1

**5040712-01 (Nonpotable Water)**
**Sampled on: 04/07/25 13:50**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)** | | | | | | | | | |
| cis-1,2-Dichloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| trans-1,2-Dichloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| Dichlorofluoromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| 1,2-Dichloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| 1,3-Dichloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| 2,2-Dichloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| 1,1-Dichloropropene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| cis-1,3-Dichloropropene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| trans-1,3-Dichloropropene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| Diisopropyl ether (DIPE) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| Ethanol | ND | | ug/L | 500 | 500 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| Ethyl tert-butyl ether (ETBE) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| Ethylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| Hexachlorobutadiene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| 2-Hexanone | ND | | ug/L | 10.0 | 10.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| Isopropylbenzene (Cumene) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| 4-Isopropyltoluene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| Methyl tert-butyl ether (MTBE) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| 4-Methyl-2-pentanone | ND | | ug/L | 10.0 | 10.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| Methylene chloride | ND | | ug/L | 10.0 | 5.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| Naphthalene | ND | | ug/L | 2.0 | 2.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| n-Propylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| Styrene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| Tetrachloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| Toluene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| 1,2,3-Trichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| 1,1,1-Trichloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| 1,1,2-Trichloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| Trichloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| Trichlorofluoromethane (Freon 11) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |

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Samantha Adrian, Staff Chemist

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Baltimore MD 21227
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# Analytical Results

**Project: MYERSVILLE CROWN**

Project Number: 06-170
Project Manager: Meredith Boyce

**Reported:**
04/10/25 14:18

## MW-1

**5040712-01 (Nonpotable Water)**
**Sampled on: 04/07/25 13:50**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)** | | | | | | | | | |
| 1,2,3-Trichloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| 1,2,4-Trimethylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| Vinyl chloride | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| o-Xylene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| m- & p-Xylenes | ND | | ug/L | 2.0 | 1.0 | 1 | 04/08/25 | 04/08/25 15:01 | CZ |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *70-130* | *105 %* | *04/08/25* | | *04/08/25 15:01* | | |
| *Surrogate: Toluene-d8* | | | *75-120* | *95 %* | *04/08/25* | | *04/08/25 15:01* | | |
| *Surrogate: 4-Bromofluorobenzene* | | | *75-120* | *103 %* | *04/08/25* | | *04/08/25 15:01* | | |
| **GASOLINE RANGE ORGANICS BY EPA 8015C Prepared by GC-WATER-VOLATILES** | | | | | | | | | |
| Gasoline-Range Organics | ND | | ug/L | 100 | 45.0 | 1 | 04/08/25 | 04/08/25 12:19 | JT |
| *Surrogate: a,a,a-Trifluorotoluene [FID]* | | | *85-115* | *104 %* | *04/08/25* | | *04/08/25 12:19* | | |
| **DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3510-GC(Sep Funnel)** | | | | | | | | | |
| **Diesel-Range Organics (C10-C28)** | **627** | | ug/L | 37.0 | 37.0 | 1 | 04/08/25 | 04/09/25 21:27 | TS |
| *Surrogate: o-Terphenyl* | | | *60-120* | *86 %* | *04/08/25* | | *04/09/25 21:27* | | |

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Samantha Adrian, Staff Chemist

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Baltimore MD 21227
410-247-7600
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# Analytical Results

**Project: MYERSVILLE CROWN**

Project Number: 06-170
Project Manager: Meredith Boyce

**Reported:**
04/10/25 14:18

## MW-2

**5040712-02 (Nonpotable Water)**
**Sampled on: 04/07/25 14:00**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES** | | | | | | | | | |
| Acetone | ND | | ug/L | 10.0 | 10.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| tert-Amyl alcohol (TAA) | ND | | ug/L | 20.0 | 20.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| tert-Amyl methyl ether (TAME) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| Benzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| Bromobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| Bromochloromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| Bromodichloromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| Bromoform | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| Bromomethane | ND | | ug/L | 5.0 | 5.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| tert-Butanol (TBA) | ND | | ug/L | 15.0 | 15.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| 2-Butanone (MEK) | ND | | ug/L | 10.0 | 10.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| n-Butylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| sec-Butylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| tert-Butylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| Carbon disulfide | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| Carbon tetrachloride | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| Chlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| Chloroethane | ND | | ug/L | 5.0 | 3.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| Chloroform | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| Chloromethane | ND | | ug/L | 5.0 | 5.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| 2-Chlorotoluene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| 4-Chlorotoluene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| Dibromochloromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| 1,2-Dibromo-3-chloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| 1,2-Dibromoethane (EDB) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| Dibromomethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| 1,2-Dichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| 1,3-Dichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| 1,4-Dichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| Dichlorodifluoromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| 1,1-Dichloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| 1,2-Dichloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| 1,1-Dichloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |

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Samantha Adrian, Staff Chemist

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# Analytical Results

**Project: MYERSVILLE CROWN**

Project Number: 06-170
Project Manager: Meredith Boyce

**Reported:**
04/10/25 14:18

## MW-2

**5040712-02 (Nonpotable Water)**
**Sampled on: 04/07/25 14:00**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)** | | | | | | | | | |
| cis-1,2-Dichloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| trans-1,2-Dichloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| Dichlorofluoromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| 1,2-Dichloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| 1,3-Dichloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| 2,2-Dichloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| 1,1-Dichloropropene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| cis-1,3-Dichloropropene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| trans-1,3-Dichloropropene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| Diisopropyl ether (DIPE) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| Ethanol | ND | | ug/L | 500 | 500 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| Ethyl tert-butyl ether (ETBE) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| Ethylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| Hexachlorobutadiene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| 2-Hexanone | ND | | ug/L | 10.0 | 10.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| Isopropylbenzene (Cumene) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| 4-Isopropyltoluene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| **Methyl tert-butyl ether (MTBE)** | **1.0** | J | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| 4-Methyl-2-pentanone | ND | | ug/L | 10.0 | 10.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| Methylene chloride | ND | | ug/L | 10.0 | 5.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| Naphthalene | ND | | ug/L | 2.0 | 2.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| n-Propylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| Styrene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| Tetrachloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| Toluene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| 1,2,3-Trichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| 1,1,1-Trichloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| 1,1,2-Trichloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| Trichloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| Trichlorofluoromethane (Freon 11) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |

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# Analytical Results

**Project: MYERSVILLE CROWN**

Project Number: 06-170
Project Manager: Meredith Boyce

**Reported:**
04/10/25 14:18

## MW-2

**5040712-02 (Nonpotable Water)**
**Sampled on: 04/07/25 14:00**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)** | | | | | | | | | |
| 1,2,3-Trichloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| 1,2,4-Trimethylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| Vinyl chloride | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| o-Xylene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| m- & p-Xylenes | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 11:30 | CZ |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *70-130* | *100 %* | *04/09/25* | | *04/09/25 11:30* | | |
| *Surrogate: Toluene-d8* | | | *75-120* | *94 %* | *04/09/25* | | *04/09/25 11:30* | | |
| *Surrogate: 4-Bromofluorobenzene* | | | *75-120* | *103 %* | *04/09/25* | | *04/09/25 11:30* | | |
| **GASOLINE RANGE ORGANICS BY EPA 8015C Prepared by GC-WATER-VOLATILES** | | | | | | | | | |
| **Gasoline-Range Organics** | **383** | | ug/L | 100 | 45.0 | 1 | 04/08/25 | 04/08/25 12:45 | JT |
| *Surrogate: a,a,a-Trifluorotoluene [FID]* | | | *85-115* | *104 %* | *04/08/25* | | *04/08/25 12:45* | | |
| **DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3510-GC(Sep Funnel)** | | | | | | | | | |
| **Diesel-Range Organics (C10-C28)** | **338** | | ug/L | 37.1 | 37.1 | 1 | 04/08/25 | 04/09/25 21:53 | TS |
| *Surrogate: o-Terphenyl* | | | *60-120* | *94 %* | *04/08/25* | | *04/09/25 21:53* | | |

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Maryland spectral Services

Analytical Chemistry Services

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# Analytical Results

**Project: MYERSVILLE CROWN**

Project Number: 06-170
Project Manager: Meredith Boyce

**Reported:**
04/10/25 14:18

## MW-3R

**5040712-03 (Nonpotable Water)**
**Sampled on: 04/07/25 14:30**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES** | | | | | | | | | |
| Acetone | ND | | ug/L | 10.0 | 10.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| **tert-Amyl alcohol (TAA)** | **56.3** | | ug/L | 20.0 | 20.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| **tert-Amyl methyl ether (TAME)** | **1.3** | J | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| **Benzene** | **7.6** | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| Bromobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| Bromochloromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| Bromodichloromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| Bromoform | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| Bromomethane | ND | | ug/L | 5.0 | 5.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| tert-Butanol (TBA) | ND | | ug/L | 15.0 | 15.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| 2-Butanone (MEK) | ND | | ug/L | 10.0 | 10.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| n-Butylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| sec-Butylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| tert-Butylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| Carbon disulfide | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| Carbon tetrachloride | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| Chlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| Chloroethane | ND | | ug/L | 5.0 | 3.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| Chloroform | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| Chloromethane | ND | | ug/L | 5.0 | 5.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| 2-Chlorotoluene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| 4-Chlorotoluene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| Dibromochloromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| 1,2-Dibromo-3-chloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| 1,2-Dibromoethane (EDB) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| Dibromomethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| 1,2-Dichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| 1,3-Dichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| 1,4-Dichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| Dichlorodifluoromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| 1,1-Dichloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| 1,2-Dichloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| 1,1-Dichloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |

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# Analytical Results

**Project: MYERSVILLE CROWN**

Project Number: 06-170
Project Manager: Meredith Boyce

**Reported:**
04/10/25 14:18

## MW-3R

**5040712-03 (Nonpotable Water)**
**Sampled on: 04/07/25 14:30**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)** | | | | | | | | | |
| cis-1,2-Dichloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| trans-1,2-Dichloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| Dichlorofluoromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| 1,2-Dichloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| 1,3-Dichloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| 2,2-Dichloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| 1,1-Dichloropropene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| cis-1,3-Dichloropropene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| trans-1,3-Dichloropropene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| **Diisopropyl ether (DIPE)** | **29.8** | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| Ethanol | ND | | ug/L | 500 | 500 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| Ethyl tert-butyl ether (ETBE) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| Ethylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| Hexachlorobutadiene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| 2-Hexanone | ND | | ug/L | 10.0 | 10.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| Isopropylbenzene (Cumene) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| 4-Isopropyltoluene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| **Methyl tert-butyl ether (MTBE)** | **1.7** | J | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| 4-Methyl-2-pentanone | ND | | ug/L | 10.0 | 10.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| Methylene chloride | ND | | ug/L | 10.0 | 5.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| Naphthalene | ND | | ug/L | 2.0 | 2.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| n-Propylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| Styrene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| Tetrachloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| **Toluene** | **1.3** | J | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| 1,2,3-Trichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| 1,1,1-Trichloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| 1,1,2-Trichloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| Trichloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| Trichlorofluoromethane (Freon 11) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |

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# Analytical Results

**Project: MYERSVILLE CROWN**

Project Number: 06-170
Project Manager: Meredith Boyce

**Reported:**
04/10/25 14:18

## MW-3R

**5040712-03 (Nonpotable Water)**
**Sampled on: 04/07/25 14:30**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)** | | | | | | | | | |
| 1,2,3-Trichloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| 1,2,4-Trimethylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| Vinyl chloride | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| **o-Xylene** | **3.7** | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| m- & p-Xylenes | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:02 | CZ |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *70-130* | *103 %* | *04/09/25* | | *04/09/25 12:02* | | |
| *Surrogate: Toluene-d8* | | | *75-120* | *94 %* | *04/09/25* | | *04/09/25 12:02* | | |
| *Surrogate: 4-Bromofluorobenzene* | | | *75-120* | *103 %* | *04/09/25* | | *04/09/25 12:02* | | |
| **GASOLINE RANGE ORGANICS BY EPA 8015C Prepared by GC-WATER-VOLATILES** | | | | | | | | | |
| **Gasoline-Range Organics** | **445** | | ug/L | 100 | 45.0 | 1 | 04/08/25 | 04/08/25 13:10 | JT |
| *Surrogate: a,a,a-Trifluorotoluene [FID]* | | | *85-115* | *109 %* | *04/08/25* | | *04/08/25 13:10* | | |
| **DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3510-GC(Sep Funnel)** | | | | | | | | | |
| **Diesel-Range Organics (C10-C28)** | **887** | | ug/L | 37.6 | 37.6 | 1 | 04/08/25 | 04/09/25 22:19 | TS |
| *Surrogate: o-Terphenyl* | | | *60-120* | *66 %* | *04/08/25* | | *04/09/25 22:19* | | |

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# Analytical Results

**Project: MYERSVILLE CROWN**

Project Number: 06-170
Project Manager: Meredith Boyce

**Reported:**
04/10/25 14:18

## EMW-1

**5040712-04 (Nonpotable Water)**
**Sampled on: 04/07/25 14:10**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **GASOLINE RANGE ORGANICS BY EPA 8015C Prepared by GC-WATER-VOLATILES** | | | | | | | | | |
| **Gasoline-Range Organics** | **15900** | | ug/L | 1000 | 450 | 10 | 04/08/25 | 04/08/25 14:29 | JT |
| *Surrogate: a,a,a-Trifluorotoluene [FID]* | | | *85-115* | *108 %* | *04/08/25* | | *04/08/25 14:29* | | |
| **DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3510-GC(Sep Funnel)** | | | | | | | | | |
| **Diesel-Range Organics (C10-C28)** | **3970** | | ug/L | 37.5 | 37.5 | 1 | 04/08/25 | 04/09/25 22:45 | TS |
| *Surrogate: o-Terphenyl* | | | *60-120* | *96 %* | *04/08/25* | | *04/09/25 22:45* | | |

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Samantha Adrian, Staff Chemist

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# Analytical Results

**Project: MYERSVILLE CROWN**

Project Number: 06-170
Project Manager: Meredith Boyce

**Reported:**
04/10/25 14:18

## EMW-1

**5040712-04RE1 (Nonpotable Water)**
**Sampled on: 04/07/25 14:10**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES** | | | | | | | | | |
| Acetone | ND | | ug/L | 100 | 100 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| **tert-Amyl alcohol (TAA)** | **280** | | ug/L | 200 | 200 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| **tert-Amyl methyl ether (TAME)** | **38.8** | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| **Benzene** | **984** | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| Bromobenzene | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| Bromochloromethane | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| Bromodichloromethane | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| Bromoform | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| Bromomethane | ND | | ug/L | 50.0 | 50.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| tert-Butanol (TBA) | ND | | ug/L | 150 | 150 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| 2-Butanone (MEK) | ND | | ug/L | 100 | 100 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| **n-Butylbenzene** | **15.9** | J | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| sec-Butylbenzene | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| tert-Butylbenzene | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| Carbon disulfide | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| Carbon tetrachloride | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| Chlorobenzene | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| Chloroethane | ND | | ug/L | 50.0 | 30.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| Chloroform | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| Chloromethane | ND | | ug/L | 50.0 | 50.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| 2-Chlorotoluene | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| 4-Chlorotoluene | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| Dibromochloromethane | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| 1,2-Dibromo-3-chloropropane | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| 1,2-Dibromoethane (EDB) | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| Dibromomethane | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| 1,2-Dichlorobenzene | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| 1,3-Dichlorobenzene | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| 1,4-Dichlorobenzene | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| Dichlorodifluoromethane | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| 1,1-Dichloroethane | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| 1,2-Dichloroethane | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| 1,1-Dichloroethene | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |

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# Analytical Results

**Project: MYERSVILLE CROWN**

Project Number: 06-170
Project Manager: Meredith Boyce

**Reported:**
04/10/25 14:18

## EMW-1

**5040712-04RE1 (Nonpotable Water)**
**Sampled on: 04/07/25 14:10**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)** | | | | | | | | | |
| cis-1,2-Dichloroethene | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| trans-1,2-Dichloroethene | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| Dichlorofluoromethane | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| 1,2-Dichloropropane | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| 1,3-Dichloropropane | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| 2,2-Dichloropropane | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| 1,1-Dichloropropene | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| cis-1,3-Dichloropropene | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| trans-1,3-Dichloropropene | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| **Diisopropyl ether (DIPE)** | **144** | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| Ethanol | ND | | ug/L | 5000 | 5000 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| Ethyl tert-butyl ether (ETBE) | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| **Ethylbenzene** | **210** | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| Hexachlorobutadiene | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| 2-Hexanone | ND | | ug/L | 100 | 100 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| **Isopropylbenzene (Cumene)** | **10.8** | J | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| 4-Isopropyltoluene | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| **Methyl tert-butyl ether (MTBE)** | **32.2** | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| 4-Methyl-2-pentanone | ND | | ug/L | 100 | 100 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| Methylene chloride | ND | | ug/L | 100 | 50.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| **Naphthalene** | **84.1** | | ug/L | 20.0 | 20.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| **n-Propylbenzene** | **26.3** | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| Styrene | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| Tetrachloroethene | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| **Toluene** | **1560** | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| 1,2,3-Trichlorobenzene | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| 1,1,1-Trichloroethane | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| 1,1,2-Trichloroethane | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| Trichloroethene | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| Trichlorofluoromethane (Freon 11) | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| 1,2,3-Trichloropropane | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |

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# Analytical Results

**Project: MYERSVILLE CROWN**

Project Number: 06-170
Project Manager: Meredith Boyce

**Reported:**
04/10/25 14:18

## EMW-1

**5040712-04RE1 (Nonpotable Water)**
**Sampled on: 04/07/25 14:10**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)** | | | | | | | | | |
| **1,2,4-Trimethylbenzene** | **436** | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| **1,3,5-Trimethylbenzene** | **130** | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| Vinyl chloride | ND | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| **o-Xylene** | **566** | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| **m- & p-Xylenes** | **1210** | | ug/L | 20.0 | 10.0 | 10 | 04/09/25 | 04/09/25 18:43 | CZ |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *70-130* | *99 %* | | *04/09/25* | | *04/09/25 18:43* | |
| *Surrogate: Toluene-d8* | | | *75-120* | *94 %* | | *04/09/25* | | *04/09/25 18:43* | |
| *Surrogate: 4-Bromofluorobenzene* | | | *75-120* | *104 %* | | *04/09/25* | | *04/09/25 18:43* | |

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# Analytical Results

**Project: MYERSVILLE CROWN**

Project Number: 06-170
Project Manager: Meredith Boyce

**Reported:**
04/10/25 14:18

## EMW-2

**5040712-05 (Nonpotable Water)**
**Sampled on: 04/07/25 14:20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES** | | | | | | | | | |
| Acetone | ND | | ug/L | 10.0 | 10.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| **tert-Amyl alcohol (TAA)** | **181** | | ug/L | 20.0 | 20.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| **tert-Amyl methyl ether (TAME)** | **5.4** | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| **Benzene** | **61.7** | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| Bromobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| Bromochloromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| Bromodichloromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| Bromoform | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| Bromomethane | ND | | ug/L | 5.0 | 5.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| **tert-Butanol (TBA)** | **2300** | E | ug/L | 15.0 | 15.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| **2-Butanone (MEK)** | **27.9** | | ug/L | 10.0 | 10.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| **n-Butylbenzene** | **1.4** | J | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| sec-Butylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| tert-Butylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| Carbon disulfide | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| Carbon tetrachloride | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| Chlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| Chloroethane | ND | | ug/L | 5.0 | 3.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| Chloroform | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| Chloromethane | ND | | ug/L | 5.0 | 5.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| 2-Chlorotoluene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| 4-Chlorotoluene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| Dibromochloromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| 1,2-Dibromo-3-chloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| 1,2-Dibromoethane (EDB) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| Dibromomethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| 1,2-Dichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| 1,3-Dichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| 1,4-Dichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| Dichlorodifluoromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| 1,1-Dichloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| 1,2-Dichloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| 1,1-Dichloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| cis-1,2-Dichloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |

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# Analytical Results

**Project: MYERSVILLE CROWN**

Project Number: 06-170
Project Manager: Meredith Boyce

**Reported:**
04/10/25 14:18

## EMW-2

**5040712-05 (Nonpotable Water)**
**Sampled on: 04/07/25 14:20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)** | | | | | | | | | |
| trans-1,2-Dichloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| Dichlorofluoromethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| 1,2-Dichloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| 1,3-Dichloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| 2,2-Dichloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| 1,1-Dichloropropene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| cis-1,3-Dichloropropene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| trans-1,3-Dichloropropene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| **Diisopropyl ether (DIPE)** | **57.9** | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| Ethanol | ND | | ug/L | 500 | 500 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| Ethyl tert-butyl ether (ETBE) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| Ethylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| Hexachlorobutadiene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| 2-Hexanone | ND | | ug/L | 10.0 | 10.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| Isopropylbenzene (Cumene) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| 4-Isopropyltoluene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| **Methyl tert-butyl ether (MTBE)** | **30.5** | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| 4-Methyl-2-pentanone | ND | | ug/L | 10.0 | 10.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| Methylene chloride | ND | | ug/L | 10.0 | 5.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| Naphthalene | ND | | ug/L | 2.0 | 2.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| n-Propylbenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| Styrene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| Tetrachloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| **Toluene** | **4.6** | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| 1,2,3-Trichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| 1,1,1-Trichloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| 1,1,2-Trichloroethane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| Trichloroethene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| Trichlorofluoromethane (Freon 11) | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| 1,2,3-Trichloropropane | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |

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Samantha Adrian, Staff Chemist

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1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com

# Analytical Results

**Project: MYERSVILLE CROWN**

Project Number: 06-170
Project Manager: Meredith Boyce

**Reported:**
04/10/25 14:18

## EMW-2

**5040712-05 (Nonpotable Water)**
**Sampled on: 04/07/25 14:20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8260D (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)** | | | | | | | | | |
| **1,2,4-Trimethylbenzene** | **2.0** | J | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| **1,3,5-Trimethylbenzene** | **1.8** | J | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| Vinyl chloride | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| o-Xylene | ND | | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| **m- & p-Xylenes** | **1.5** | J | ug/L | 2.0 | 1.0 | 1 | 04/09/25 | 04/09/25 12:27 | CZ |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *70-130* | *99 %* | *04/09/25* | | *04/09/25 12:27* | | |
| *Surrogate: Toluene-d8* | | | *75-120* | *94 %* | *04/09/25* | | *04/09/25 12:27* | | |
| *Surrogate: 4-Bromofluorobenzene* | | | *75-120* | *105 %* | *04/09/25* | | *04/09/25 12:27* | | |
| **DIESEL RANGE ORGANICS BY EPA 8015CD Prepared by 3510-GC(Sep Funnel)** | | | | | | | | | |
| **Diesel-Range Organics (C10-C28)** | **8620** | | ug/L | 188 | 188 | 5 | 04/08/25 | 04/09/25 23:11 | TS |
| *Surrogate: o-Terphenyl* | | | *60-120* | *84 %* | *04/08/25* | | *04/09/25 23:11* | | |

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# Analytical Results

**Project: MYERSVILLE CROWN**

Project Number: 06-170
Project Manager: Meredith Boyce

**Reported:**
04/10/25 14:18

## EMW-2

**5040712-05RE1 (Nonpotable Water)**
**Sampled on: 04/07/25 14:20**

| Analyte | Result | Notes | Units | Reporting Limit (MRL) | Detection Limit (LOD) | Dilution | Prepared | Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|
| **GASOLINE RANGE ORGANICS BY EPA 8015C Prepared by GC-WATER-VOLATILES** | | | | | | | | | |
| **Gasoline-Range Organics** | **1270** | | ug/L | 100 | 45.0 | 1 | 04/09/25 | 04/09/25 13:46 | JT |
| *Surrogate: a,a,a-Trifluorotoluene [FID]* | | | *85-115* | *112 %* | | *04/09/25* | | *04/09/25 13:46* | |

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Samantha Adrian, Staff Chemist

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# Analytical Results

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**Project: MYERSVILLE CROWN**

Project Number: 06-170

Project Manager: Meredith Boyce

**Reported:**
04/10/25 14:18

## Notes and Definitions

| | |
|---|---|
| QM-06 | Due to non-homogeneity of the QC sample matrix, the MS/MSD or MS/DUP did not provide reliable results for accuracy and precision. Sample results for the QC batch were accepted based on LCS percent recoveries. |
| J | Detected but below the reporting limit; therefore, result is an estimated concentration (CLP J-Flag). |
| E | The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate (CLP E-flag). |
| RE | Sample reanalyses are done at the laboratory's discretion as a mechanism to improve data quality. Any client requested reanalysis will be identified with a sample qualifier. |
| ND | Analyte NOT DETECTED at or above the detection limit |
| dry | Sample results reported on a dry weight basis |
| RPD | Relative Percent Difference |
| %-Solids | Percent Solids is a supportive test and as such does not require accredidation |

If this report contains any samples analyzed for gasoline range organics (GRO) by EPA Method 8015C and no trip blank was shipped, stored, and received with the sample(s) as required by Section 3.1 of the EPA Method, the sample analysis contained in this report cannot exclude the possibility that any reportable GRO measurement was due to environmental contamination of the sample during shipping or storage.



Samantha Adrian, Staff Chemist

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# CHAIN-OF-CUSTODY RECORD

Maryland Spectral Services, Inc.
1500 Caton Center Drive, Suite G
Baltimore, MD 21227
410-247-7600 * Fax 410-247-7602
reporting@mdspectral.com

Matrix Codes: NPW - non-potable water
DW - drinking water

| Company Name: AEC | Project Manager: Meredith Boyce |
|---|---|
| Project Name: Myersville Crown | Project ID: 06-176 |
| Sampler(s): CM | P.O. Number: |
| State of Origin: Maryland | |

| Field Sample ID: | Date | Time | DW | NPW | Soil | Other | Grab | Composite | # of containers | VOCs + fuel oxygenates + naph + ethanol | TPH GRO 8015 | TPH DRO 8015 | Preservative | Field Notes | MSS Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-1 | 4/7 | 13:50 | | X | | | X | | 5 | X | X | X | HCl/None | | 5040712-01 A |
| MW-2 | 4/7 | 14:00 | | X | | | X | | 5 | X | X | X | | | -02 |
| MW-3R | 4/7 | 14:30 | | X | | | X | | 5 | X | X | X | | | -03 |
| EMW-1 | 4/7 | 14:10 | | X | | | X | | 5 | X | X | X | | | -04 |
| EMW-2 | 4/7 | 14:20 | | X | | | X | | 5 | X | X | X | ↓ | | -05 |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

| Relinquished by: (Signature) | Date /Time | Relinquished by: (Signature) |
|---|---|---|
| (Printed) Carter Manino | 4/7/2025 16:05 | (Printed) |
| Relinquished by: (Signature) | Date /Time | Received by lab: (Signature) |
| (Printed) | 16:04 4-7-25 | (Printed) Lori Foster |

Please indicate if any of the following certifications are required:
- ☐ Virginia VELAP
- ☐ Pennsylvania NELAP
- ☐ West Virginia DEP
- ☐ MD Drinking Water
- ☐ VA Drinking Water
- ☐ Other _____

Turn Around Time:
- ☐ Normal (7 day)
- ☐ 5 day
- ☐ 4 day
- ☒ 3 day
- ☐ Rush (2 day)
- ☐ Next Day
- ☐ Other: _____
- ☐ Specific Due Date: _____

Delivery Method:
- ☐ Courier
- ☒ Client
- ☐ UPS
- ☐ Fed Ex
- ☐ USPS
- ☐ Other _____

Lab Use:
Temp: 5.4 °C
- ☑ Received on Ice
- ☑ Received Same Day
- ☑ T-41 ☐ T-45

Sample Disposal:
- ☐ Return to Client
- ☒ Disposal by lab
- ☐ Archive for __ days

Special Instructions / QC Requirements & Comments:
MDE Confirmatory Samples Results to: Mboyce dslade@AEC-ENV.com cmanino
VOCs + ~~naphthalene~~ + ethanol