



Quarterly Progress Report – Third Quarter 2022

**Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Rosedale, Maryland 21237
MDE Case No. 10-0339-BA
MDE Facility ID 3975**

AEC Project Number: 05-056RF064

Prepared for:

Maryland Department of the Environment
Oil Control Program
1800 Washington Boulevard, Suite 620
Baltimore, Maryland 21230-1719

And

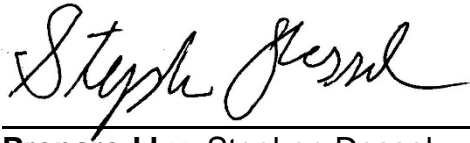
Two Farms, Inc. dba Royal Farms
Attn: Tom Ruszin
3611 Roland Avenue
Baltimore, Maryland 21211

Prepared by:

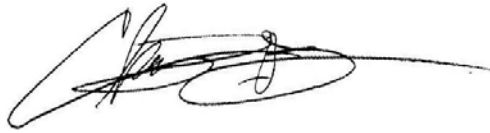
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September 23, 2022

Quarterly Progress Report – Third Quarter 2022



Prepared by: Stephen Dessel
Title: Senior Project Manager



Reviewed by: Christopher J. Felix
Title: Principal

Regulatory Information

Regulatory Agency: Maryland Department of the Environment
Agency Contact: Ellen Jackson
Case Number: Case No. 10-0339-BA
Current Case Status: Dual Phase Extraction (DPE) system in standby
Quarterly monitoring well sampling
Reporting Period: Quarterly Sampling: Third Quarter 2022

General Site Information

Royal Farms Contact: Tom Ruszin
Consultant Contact : Chris Felix / Steve Dessel
Facility Status: Operating fuel station
Area Property Use: See Site Vicinity and Site Area Maps (Figures 1 and 2 in Attachment A)
Monitoring Wells: MW-1, MW-21, MW-23, MW-24, MW-26, MW-27, MW-28, MW-29, MW-30, CMW-1 and CMW-2
Recovery Wells: MW-2R, MW-4R, MW-5R, MW-7R, MW-8R, MW-14, MW-15, MW-16 and MW-17
Potable Wells: None
Liquid Phase Hydrocarbon (LPH) Present: Sheen was last observed in MW-6 on Dec. 6, 2013
Min/Max Groundwater Elevation: 72.44 feet (CMW-2) / 90.98 feet (MW-7R) on July 12, 2022
Groundwater Flow Direction: Northwest

Figures, Tables, and Graphs

Figure 1 Site Vicinity Map
Figure 2 Site Area Map
Figure 3 Remediation System Layout
Figure 4 Groundwater Gradient Map
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Figure 6 Groundwater Quality Map – Dissolved Benzene
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Table 1 Well Gauging Summary
Table 2 Monitoring Well Groundwater Analytical Results

Graphs Benzene, MTBE and Naphthalene Verses Time for Monitoring and Recovery Wells

Attachments

Attachment A Figures
Attachment B Tables
Attachment C Laboratory Analytical Results
Attachment D Graphs
Attachment E Mann-Kendall Analysis Work Sheets

Project Summary

1993: Four underground storage tanks (USTs) were installed at the Site.
2007: Tank top upgrade conducted and double walled piping was installed.

Dec. 15, 2009: MDE Oil Control Program (OCP) opened a case in response to a report of evidence of a petroleum spill at 1205 Chesaco Avenue, which adjoins the Site to the north. Fuel dispensers were shut down. 24-hour enhanced fluid recovery (EFR) activities via vacuum trucks were begun. Installed first monitoring well (MW-1).

Dec. 16, 2009: Installed MW-2 through MW-9.
Dec. 19, 2009: MDE authorized EFR activity to be changed to 8 hours per day, seven days per week.

Dec. 18, 2009: Begun operation of Soil-vapor extraction (SVE) system.
Jan. 8, 2010: MDE authorized EFR activity to be changed to 8 hours per day, five days per week.

Jan. 11, 2010: MDE approved AEC's *Subsurface Investigation Work Plan*.
Jan. 22-28, 2010: A subsurface investigation including 24 direct push borings was performed. The borings were located on the Site and on the 1205 and 1207 Chesaco Ave. properties. Temporary piezometers were installed.

Feb. 5, 2010: MDE authorized EFR activity to be changed to 4 hours per day, three days per week and two liquid phase hydrocarbon (LPH) hand-bailing events per week.

Apr. 14, 2010: Temporary piezometers installed in January were abandoned.
June 11, 2010: MDE required EFR activity to be changed to 8 hours per day, three days per week and two LPH hand-bailing events per week.

June 15, 2010: MDE approved AEC's *Supplemental Subsurface Investigation Work Plan*.

July 23, 2010: MDE approved AEC's *Design Basis Summary 1205 Chesaco Ave. Residence Sump Water Treatment System, and 1207 Chesaco Ave. Indoor Air Investigation Work Plan*.

July 2010: Installed MW-10 through MW-14.
Sept. 21, 2010: MDE approved AEC's *St. Clements School Environmental Investigation Work Plan*.

Oct. 1, 2010: An estimated 4,313 gallons of LPH was estimated to have been removed from the Site since recovery activities began.

Oct. 10-11 2010: Eight direct push borings were advanced in locations along Chesaco Ave., from the site proceeding northwest to Old Philadelphia Ave.

November 2010: Sump water treatment system installed at 1205 Chesaco Avenue residence.

Jan. 26 2011: MDE approved the installation of a dual phase remediation system.

March 1, 2011: MDE approved discontinuation of regular EFR events and AEC's *Granular Activated Carbon Bed Removal Work Plan*.

March 9-10, 2011: Began quarterly indoor air quality (IAQ) sampling. Samples were taken from the 1205 Chesaco Ave. property.

April 26-27, 2011: IAQ samples taken from the 1207 Chesaco Ave. residence and from the Royal Farms Store (7950 Pulaski Hwy.).

June 16-21, 2011: Installed Monitoring wells: MW-2R, MW-4R, MW-5R, MW-7R, MW-8R, and MW-15 through MW-22.

Dec. 2, 2011: MDE issued a letter re-initiating EFR events until the DPE remediation system could become operational.

Dec. 14, 2011: DPE remediation system was activated.

Feb. 6, 2012: After review of AEC's report of a 14-day pilot study of the dual phase remediation system: MDE gives permission to remove vapor control devices including an activated carbon control unit and catalytic oxidizer.

April 27, 2012: AEC submitted *Focused Risk Assessment – Vapor Intrusion at 1207 Chesaco Ave.* to MDE.

May 15, 2012 MDE gives authorization to remove SVE system and discontinue sump water sampling at 1205 Chesaco Avenue. MDE also authorizes removal of carbon filtration units from the sump discharge line.

May 29, 2012: Use of SVE system is permanently discontinued.

July 20, 2012: AEC submitted *Groundwater Quality Report - Third Quarter 2012 and Dual Phase Extraction System Performance and Monitoring Summary – April 1, 2012 through June 30, 2012* to MDE.

Aug. 28, 2012: MDE approved AEC's *Additional Monitoring Well Installation Plan* for the installation on two additional monitoring wells (MW-23 and MW-24).

Oct. 2, 2012: MDE issued a letter to modify IAQ testing requirements to discontinue sampling at the 1205 Chesaco Ave. residence.

Oct. 30, 2012: AEC submitted *Groundwater Quality Report - Fourth Quarter 2012 and Dual Phase Extraction System Performance and Monitoring Summary – July 1, 2012 through September 30, 2012*

Dec. 5, 2012: AEC submitted *Additional Monitoring Well Installation – Report of Results* to MDE.

Jan. 8, 2013: AEC submitted *Indoor Air Quality Sampling – Fourth Quarter 2012* to MDE.

Jan. 14, 2013: *Fourth Quarter - Discharge Monitoring Report* submitted to the MDE.

Jan. 15, 2013: MDE issues *Modification to Sampling Requirements* approving monthly well gauging, and semi-annual recovery well sampling. MDE requires quarterly sump water samples be taken from 1207, 1209, and 1209.5 Chesaco Ave.

Feb. 7, 2013: AEC submitted *Groundwater Quality Data Pack – 1st Quarter 2013* to MDE.

Feb. 11, 2013: AEC submitted a revised *Quarterly Progress Report – 4th Quarter 2012* to MDE.

March 26, 2013: Submitted *Indoor Air Quality and Sump Water Sampling – First Quarter 2013* to MDE.

March 28, 2013: Submitted *CAP Addendum* to MDE.
April 16, 2013: *First Quarter - Discharge Monitoring Report* submitted to the MDE.
May 14, 2013: Submitted *Quarterly Progress Report – 1st Quarter 2013* to MDE.
May 29, 2013: MDE issued a letter requesting modifications to the *CAP Addendum*, dated March 28, 2013.
July 3, 2013: Submitted *Revised CAP Addendum* to MDE.
July 10, 2013: *Second Quarter - Discharge Monitoring Report* submitted to the MDE.
August 6, 2013: AEC submitted *Quarterly Progress Report – 2nd Quarter 2013* to MDE.
August 13, 2013: AEC submitted *Additional Monitoring Well Installation Work Plan* to MDE.
September 4, 2013: MDE authorizes the *Revised CAP Addendum*.
September 12, 2013: MDE authorizes *Additional Monitoring Well Installation Work Plan*.
October 4, 2013: *Third Quarter - Discharge Monitoring Report* submitted to MDE.
October 30, 2013: AEC submitted *Additional Monitoring Well Installation Report*.
November 11, 2013: AEC submitted *Quarterly Progress Report – 3rd Quarter 2013* to MDE.
AEC submitted *Work Plan for Post Building Demolition Subsurface Investigation* to MDE. The work plan included proposed plans to perform a limited subsurface investigation including test-pitting beneath the former residence located at 1205 Chesaco Avenue following its demolition.
January 29, 2014: Fourth Quarter - Discharge Monitoring Report submitted to MDE.
January 30, 2014: MDE issued a letter - *Approval of Work Plans* authorizing alteration of the IAQ sampling procedures, demolition of the residence located on the 1205 Chesaco Ave. property and a subsurface investigation beneath the residence, and expansion of the remediation system to include MW-6.
February 14, 2014: AEC submitted *Quarterly Progress Report – 4th Quarter 2013* to MDE.
April 30, 2014: First Quarter - Discharge Monitoring Report submitted to MDE.
May 6, 2014: AEC submitted *Quarterly Progress Report – 1st Quarter 2014* to MDE.
May 27, 2014: AEC submitted a letter to MDE summarizing Post Building Demolition Subsurface Investigation.
July 24, 2014: Second Quarter - Discharge Monitoring Report submitted to MDE.
July 30, 2014: AEC submitted *Quarterly Progress Report – 2nd Quarter 2014* to MDE.
October 7, 2014: AEC submitted *Quarterly Progress Report – 3rd Quarter 2014* to MDE.
November 3, 2014: Third Quarter - Discharge Monitoring Report submitted to MDE.
January 9, 2015: Fourth Quarter - Discharge Monitoring Report submitted to MDE.
February 6, 2015: AEC submitted *Quarterly Progress Report – 4th Quarter 2014* to MDE.
April 13, 2015: First Quarter - Discharge Monitoring Report submitted to MDE.
May 5, 2015: AEC submitted *Quarterly Progress Report – 1st Quarter 2015* to MDE.
June 10, 2015: AEC submitted *Rebound Evaluation Work Plan* to MDE.
July 10, 2015: Second Quarter - Discharge Monitoring Report submitted to MDE.

July 14, 2015: MDE issued a letter – *Resubmit Work Plan* requesting re-submission of the Rebound Evaluation Work Plan after addressing several points.

July 23, 2015: AEC submitted *Request to Discontinue Sump Sampling* to MDE.

August 28, 2015: AEC submitted *Rebound Evaluation Work Plan Revised* to MDE.

August 31, 2015: AEC submitted revised *Quarterly Progress Report – 2nd Quarter 2015*

October 15, 2015: Third Quarter - Discharge Monitoring Report submitted to MDE.

October 20, 2015: MDE issued a letter – *Rebound Evaluation Work Plan Approval* to begin a trial shutdown of the DPE System and a rebound evaluation.

November 12, 2015: AEC submitted revised *Quarterly Progress Report – 3rd Quarter 2015*. DPE System trial shutdown begins.

January 8, 2016: AEC submitted *Rebound Evaluation – Month One* Letter Report to MDE.

January 5, 2016: Fourth Quarter 2015 - Discharge Monitoring Report submitted to MDE.

February 15, 2016: AEC submitted *Quarterly Progress Report – 4th Quarter 2015* to MDE.

February 15, 2016: AEC submitted *Rebound Evaluation – Month Two* Letter Report to MDE.

March 4, 2016: AEC submitted *Rebound Evaluation – Month Three* Letter Report to MDE.

March 22, 2016: AEC submitted *Rebound Evaluation – Month Four* Letter Report to MDE.

July 6, 2016: First Quarter 2016 - Discharge Monitoring Report submitted to MDE.

May 4, 2016: AEC submitted *Rebound Evaluation – Month Five* Letter Report to MDE.

May 13, 2016: AEC submitted *Quarterly Progress Report – 1st Quarter 2016* to MDE.

June 21, 2016: AEC submitted *Rebound Evaluation – Month Six* Letter Report to MDE.

July 6, 2016: Second Quarter 2016 - Discharge Monitoring Report submitted to MDE.

August 12, 2016: AEC submitted *Quarterly Progress Report – 2nd Quarter 2016* to MDE.

October 14, 2016: Third Quarter 2016 - Discharge Monitoring Report submitted to MDE.

October 20, 2016: AEC submitted *Rebound Evaluation – Month Nine* Letter Report to MDE.

November 2, 2016: AEC submitted *Quarterly Progress Report – 3rd Quarter 2016* to MDE.

February 7, 2017: AEC submitted *Offsite Sump Water and Indoor Air Quality Sampling* report and *Rebound Evaluation Completion* report.

February 9, 2017: AEC submitted *Quarterly Progress Report – 4th Quarter 2016* to MDE.

April 3, 2017: AEC submitted *Soil Quality Investigation Work Plan*.

May 15, 2017: AEC submitted *Quarterly Progress Report – 1st Quarter 2017* to MDE.

- August 15, 2017: AEC submitted *Quarterly Progress Report – 2nd Quarter 2017* to MDE.
- August 22, 2017: AEC submitted a revised *Offsite Sump and Indoor Air Quality Sampling* report.
- September 26, 2017: MDE issued a letter – *Approval to Discontinue Sump and Indoor Air Sampling*
- November 15, 2017: AEC submitted *Quarterly Progress Report – 3rd Quarter 2017* to MDE.
- January 11, 2018: AEC submitted *Quarterly Progress Report – 4th Quarter 2017* to MDE.
- January 11, 2018: AEC submitted *Rebound Evaluation Soil Investigation* to MDE.
- May 15, 2018: AEC submitted *Quarterly Progress Report – 1st Quarter 2018* to MDE, which proposed a revised sampling schedule.
- August 6, 2018: AEC submitted *Quarterly Progress Report – 2nd Quarter 2018* to MDE.
- September 18, 2018: MDE issued a letter – *Revised Groundwater Monitoring Sampling Schedule-Approval*.
- September 18, 2018: MDE issued a letter – *Work Plan Approval* to perform sub-slab vapor sampling at the 1211 Chesaco Avenue property.
- November 13, 2018: AEC submitted *Quarterly Progress Report – 3rd Quarter 2018* to MDE.
- November 26, 2018: AEC submitted *Offsite Receptor Risk Evaluation – Report of Results* to MDE
- February 15, 2019: AEC submitted *Quarterly Progress Report – 4th Quarter 2018* to MDE.
- April 8, 2019: Royal Farms submitted *Case Closure Request – April 2019* to the MDE.
- May 8, 2019: AEC submitted *Quarterly Progress Report – 1st Quarter 2019* to MDE.
- June 20, 2019: Royal Farms submitted *Request for Case Closure – June 2019* to MDE.
- August 16, 2019: AEC submitted *Quarterly Progress Report – 2nd Quarter 2019* to MDE. AEC also submitted *MW-22 Abandonment Request* to MDE.
- December 3, 2019: MDE issued a letter – *Approval to Abandon Monitoring Well MW-22*.
- January 29, 2020: AEC submitted *MW-22 Abandonment Letter Report* to MDE.
- March 4, 2020: MDE issued a letter – *Response to Case Closure Request and Continued Monitoring Requirements* outlining future sampling requirements at the Site.
- March 13, 2020: Royal Farms submitted *Monitoring Well Abandonment Request* to MDE. Royal Farms also submitted *Remediation System Removal Request* to the MDE.
- April 17, 2020: MDE issued a letter – *Approval of Select Monitoring Well Abandonment and Remediation System Removal*.
- June 23, 2020: AEC submitted *Quarterly Progress Report – 2nd Quarter 2020* to MDE.
- October 26, 2020: AEC submitted *Quarterly Progress Report – 3rd Quarter 2020* to MDE.
- January 26, 2021: AEC submitted *Quarterly Progress Report – 4th Quarter 2020* to MDE.

March 3, 2021: AEC submitted *Quarterly Progress Report – 1st Quarter 2021* to MDE.
May 6, 2021: AEC submitted *Quarterly Progress Report – 2nd Quarter 2021* to MDE.
September 9, 2021: AEC submitted *Quarterly Progress Report – 3rd Quarter 2021* to MDE.
January 11, 2021: AEC submitted *Quarterly Progress Report – 4th Quarter 2021* to MDE.
May 3, 2022: AEC submitted *Quarterly Progress Report – 1st Quarter 2022* to MDE.
August 2, 2022: AEC submitted *Quarterly Progress Report – 2nd Quarter 2022* to MDE.
September 23, 2022: AEC submitted *Quarterly Progress Report – 3rd Quarter 2022* to MDE.

Work Authorized and Performed During this Quarter

July 12, 2022: Quarterly Groundwater Sampling

The monitoring well samples were collected on July 12, 2022. 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 (Alconox and water rinse) prior to use in each well. No sooner than one hour after purging, each well was allowed to recharge to at least 90 percent of the well volume at the time of initial gauging. Each sample was collected using a dedicated, disposable sampling bailer.

The samples were transferred directly into the appropriate sample containers. The sample from each location was placed in 40-milliliter glass jars with Teflon-lined septa and/or one-liter amber glass jars. The sample containers were preserved with hydrochloric acid, as appropriate. Once collected, the samples were placed on ice in a cooler to await shipment to the laboratory.

Groundwater samples collected from the monitoring wells were analyzed for VOCs including fuel oxygenates per EPA Analytical Method 8260 and TPH diesel range organics (DRO) and GRO per EPA Analytical Method 8015B.

A map depicting the site vicinity and area is included as Figures 1 and 2 in Attachment A. A map portraying the remediation system layout is included as Figure 3 in Attachment A. It should be noted that the remediation system compound has been mobilized off-Site but can be reinstalled if necessary. A groundwater gradient map depicting groundwater flow direction on the day of quarterly sampling is included as Figure 4 in Attachment A. Table 1 in Attachment B provides current and historical groundwater elevation data based on an arbitrary benchmark of 100 feet.

Groundwater Sampling Results

Laboratory analytical results indicated that groundwater quality at the Site is consistent with recent historical groundwater quality data. Figure 5 in Attachment A summarizes the latest Total BTEX, MTBE, naphthalene, TPH GRO and TPH DRO groundwater quality data. Figures 6, 7, 8, 9, 10 and 11 in Attachment A contour the benzene, toluene, ethylbenzene, Total Xylenes, MTBE and naphthalene groundwater quality data,

respectively. Table 2 in Attachment B summarizes current and historical groundwater analytical results. The laboratory analytical report is presented in Attachment C. Graphs in Attachment D show benzene, MTBE and naphthalene concentrations versus time for each of the monitoring and recovery wells.

Groundwater Contaminant Trends and Distribution

In the MDE correspondence dated March 4, 2020, the MDE requested that AEC conduct Mann Kendall constituent trend analyses to include the Anabell laboratory data and to assign a value of half the quantitation limit when a constituent is BQL. Based on the results of the Mann-Kendall constituent trend analysis (Attachment E) for the monitoring and recovery wells, the following conclusions were made:

Benzene

Decreasing benzene concentration trends were noted in MW-1, MW-2R, MW-8R, MW-23, MW-24, MW-26, MW-28, MW-29, and CMW-2. An increasing benzene concentration trend was noted in CMW-1. Stable benzene trends were noted in MW-5R and MW-27. No benzene concentration trend was noted in MW-21.

The latest benzene concentrations along with the Mann-Kendall results indicate the benzene plume has stable chemical concentration trends within the plume and a stable plume margin.

MTBE

Decreasing MTBE concentration trends were noted in MW-1, MW-8R, MW-23, MW-24, MW-26, MW-27, MW-28, MW-29, CMW-1 and CMW-2. A probably decreasing trend was noted in MW-21. Stable MTBE trends were noted in MW-2R and MW-5R.

The distribution of the MTBE concentrations along with the Mann-Kendall results indicate the MTBE plume has stable chemical concentration trends within the plume and a stable plume margin.

Naphthalene

Decreasing naphthalene concentration trends were noted in MW-1, MW-21, MW-27, MW-28 and CMW-1. Probably decreasing trends were noted in MW-23 and MW-29. Stable naphthalene concentration trends were noted in MW-24, MW-26, and CMW-2. Increasing naphthalene concentration trends were noted in MW-2R and MW-8R. No naphthalene concentration trend was noted in MW-5R.

The distribution of the naphthalene concentrations along with the Mann-Kendall results indicate the naphthalene plume has stable chemical concentration trends within the plume and a stable plume margin.

Worksheets and a graphical representation of the Mann-Kendall trend analysis is included as Attachment E.

Remediation System Removal

On April 17, 2020, the MDE issued a letter entitled *Approval of Select Monitoring Well Abandonment and Remediation System Removal*. This letter authorized the inactive remediation system to be removed from the Site. On April 20, 2020, the system was taken to a Royal Farms storage facility so that it can be mobilized back to the Site, if warranted. The subsurface remediation lines were capped, covered with asphalt back to grade, and marked so that they can be located in the future.

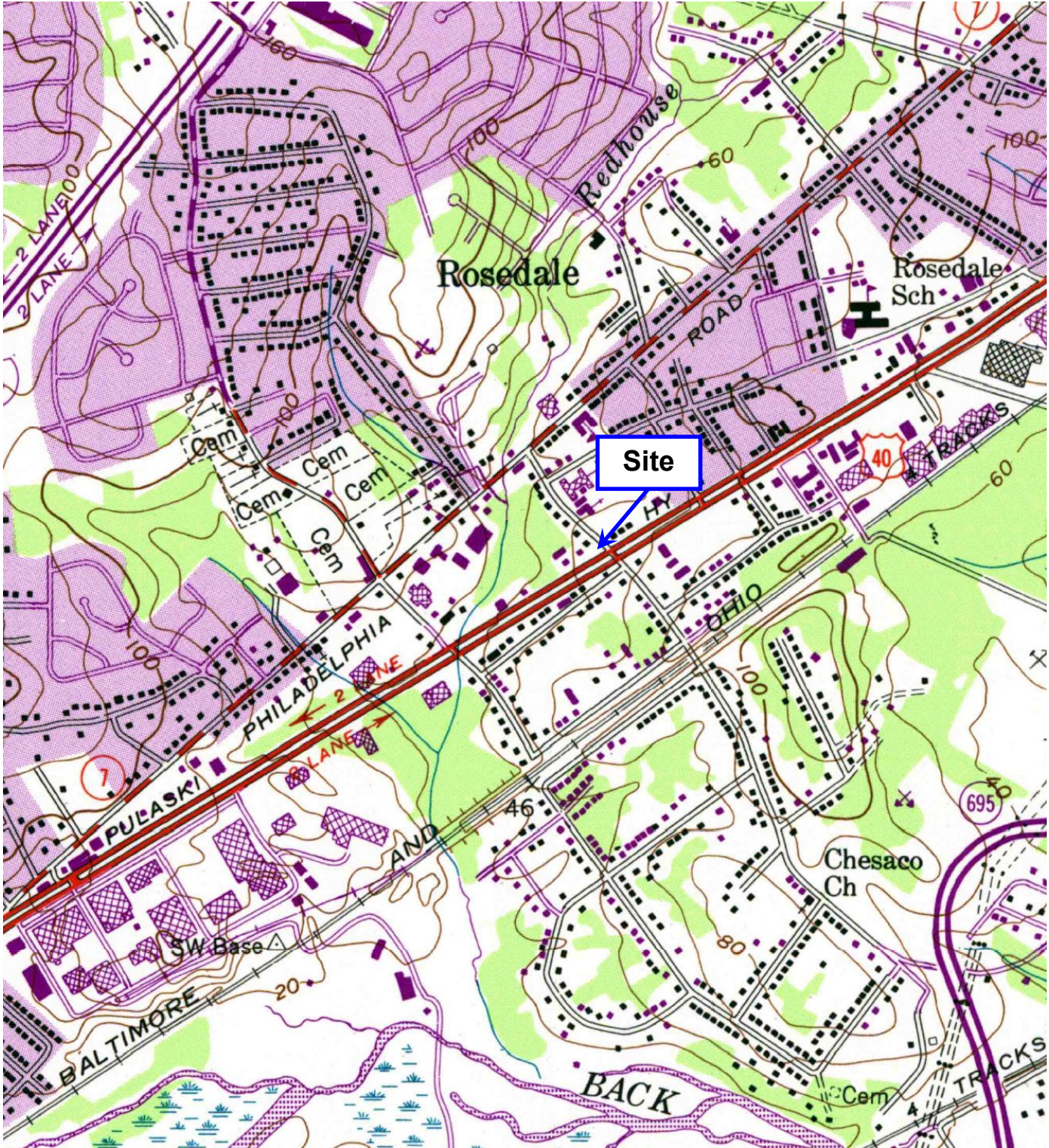
Upcoming Work

AEC plans to continue gauging and monitoring well sampling in accordance with the modified schedule provided in the MDE correspondence dated March 4, 2020. AEC will gauge all monitoring wells and tank field monitoring pipes on a quarterly basis. A summary of the wells that are sampled during each quarter is shown below.

**Monitoring Well Sampling Schedule
 Royal Farms #064
 7950 Pulaski Highway, Rosedale, Maryland 21237**

Monitoring Well	First Quarter	Second Quarter	Third Quarter	Fourth Quarter
MW-1	X	X	X	X
MW-2R	X	X	X	X
MW-4R				X
MW-5R	X	X	X	X
MW-7R				X
MW-8R	X	X	X	X
MW-14				X
MW-15		X		X
MW-16				X
MW-17				X
MW-21	X	X	X	X
MW-23	X	X	X	X
MW-24	X	X	X	X
MW-26	X	X	X	X
MW-27	X	X	X	X
MW-28	X	X	X	X
MW-29	X	X	X	X
MW-30		X		X
CMW-1	X	X	X	X
CMW-2	X	X	X	X
Gauge All Wells	X	X	X	X

Attachment A



USGS Topographic Quad Map, Baltimore East, MD, 1974

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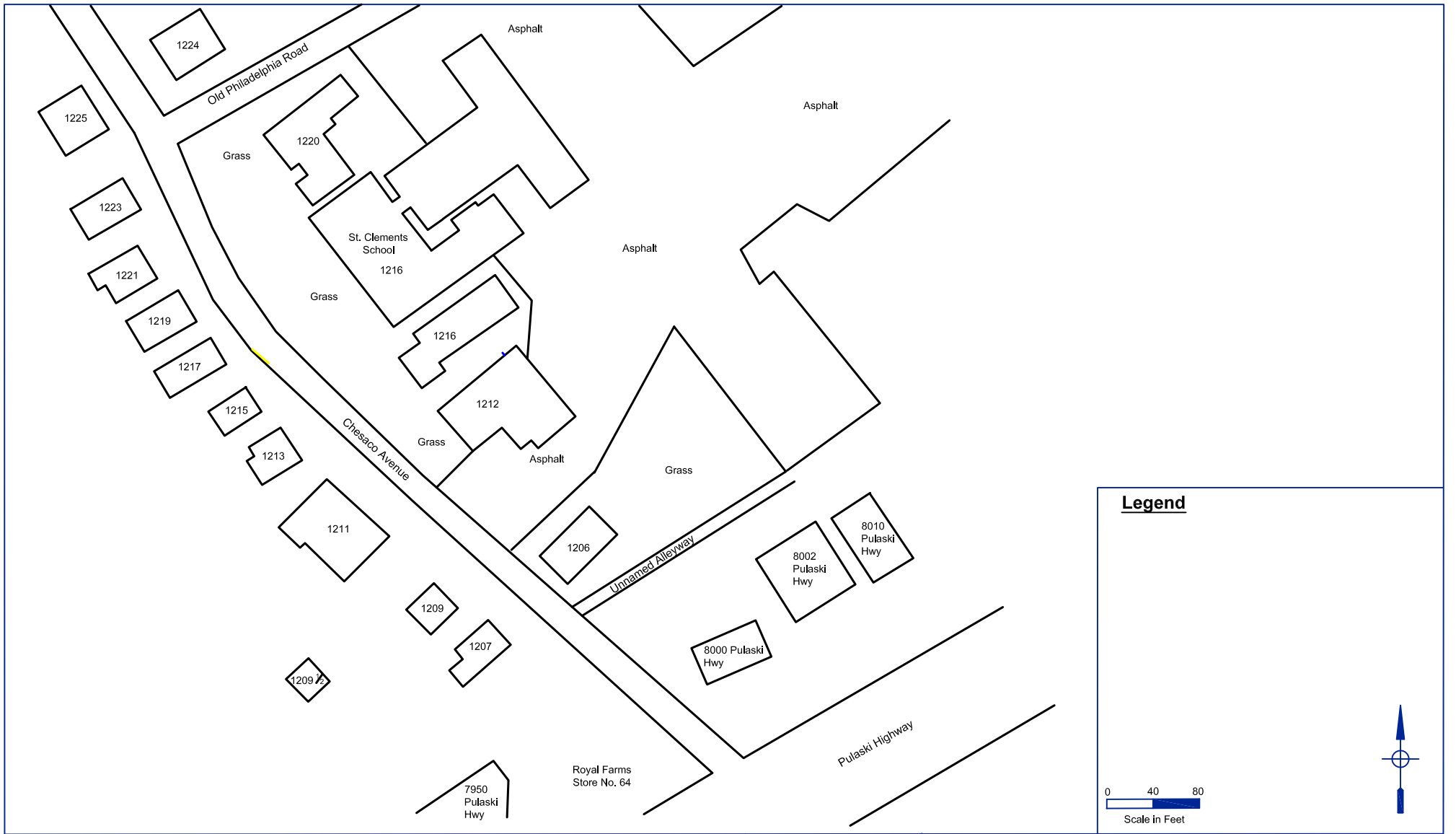
Figure 1 - Site Vicinity Map
 Royal Farms Store 64
 7950 Pulaski Highway
 Baltimore, Maryland 21237



AEC Project No.:
 05-056RF064

Report Date:
 Sept 2022

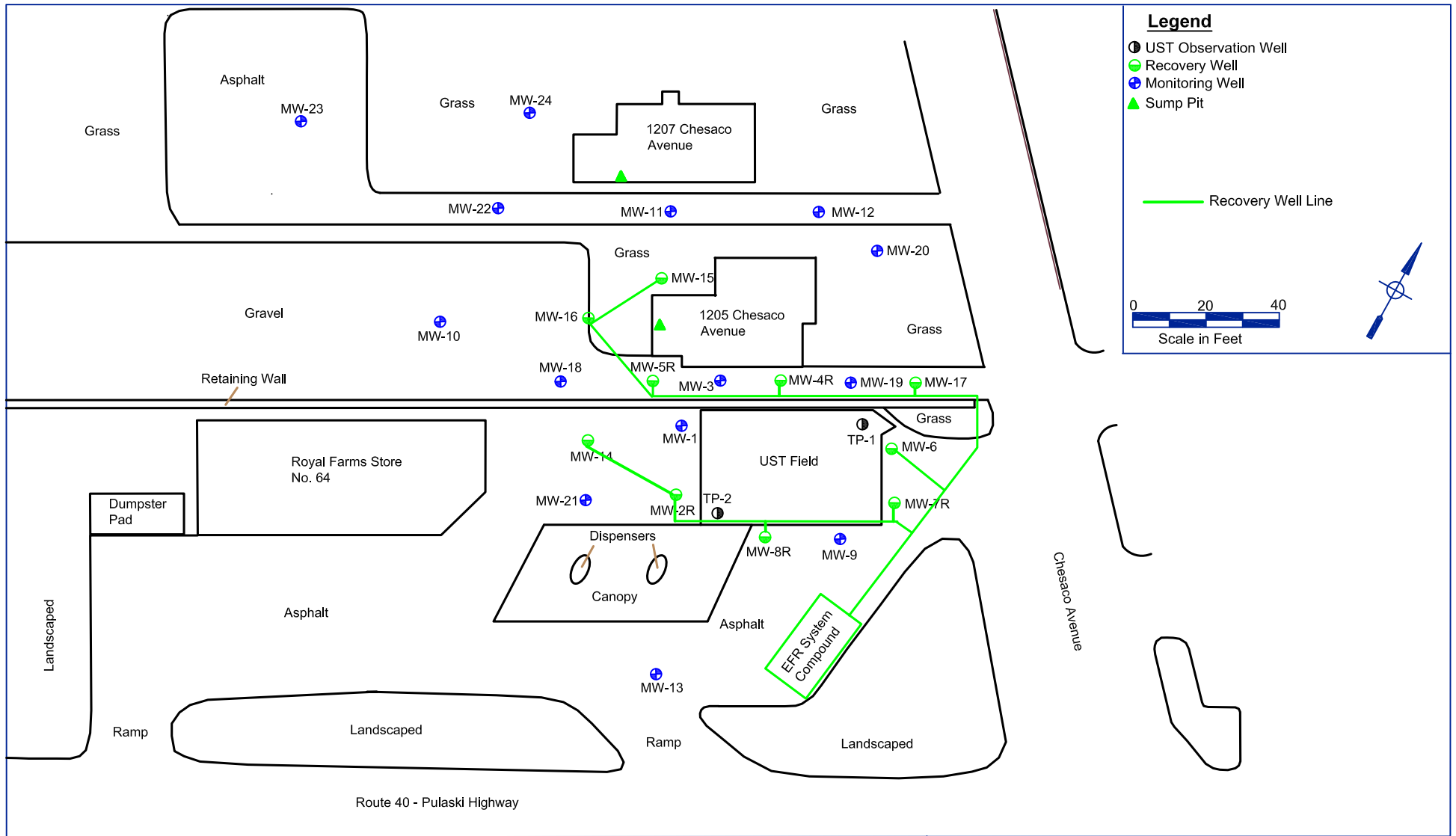
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Scale in Feet

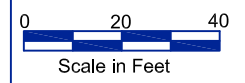
Advantage Environmental Consultants, LLC 8610 Washington Blvd. Suite 217 Jessup, MD 20794 Phone 301-776-0500 Fax 301-776-1123	Project No.: 05-056	Drawn by: ZMB	Figure 2 - Site Area Map Royal Farms No. 64 7950 Pulaski Highway Baltimore, MD 21237
	Task No.: RF064	Date: Sept 2022	
	File: Site Features	Revision No.: 1	



Legend

- UST Observation Well
- Recovery Well
- Monitoring Well
- ▲ Sump Pit

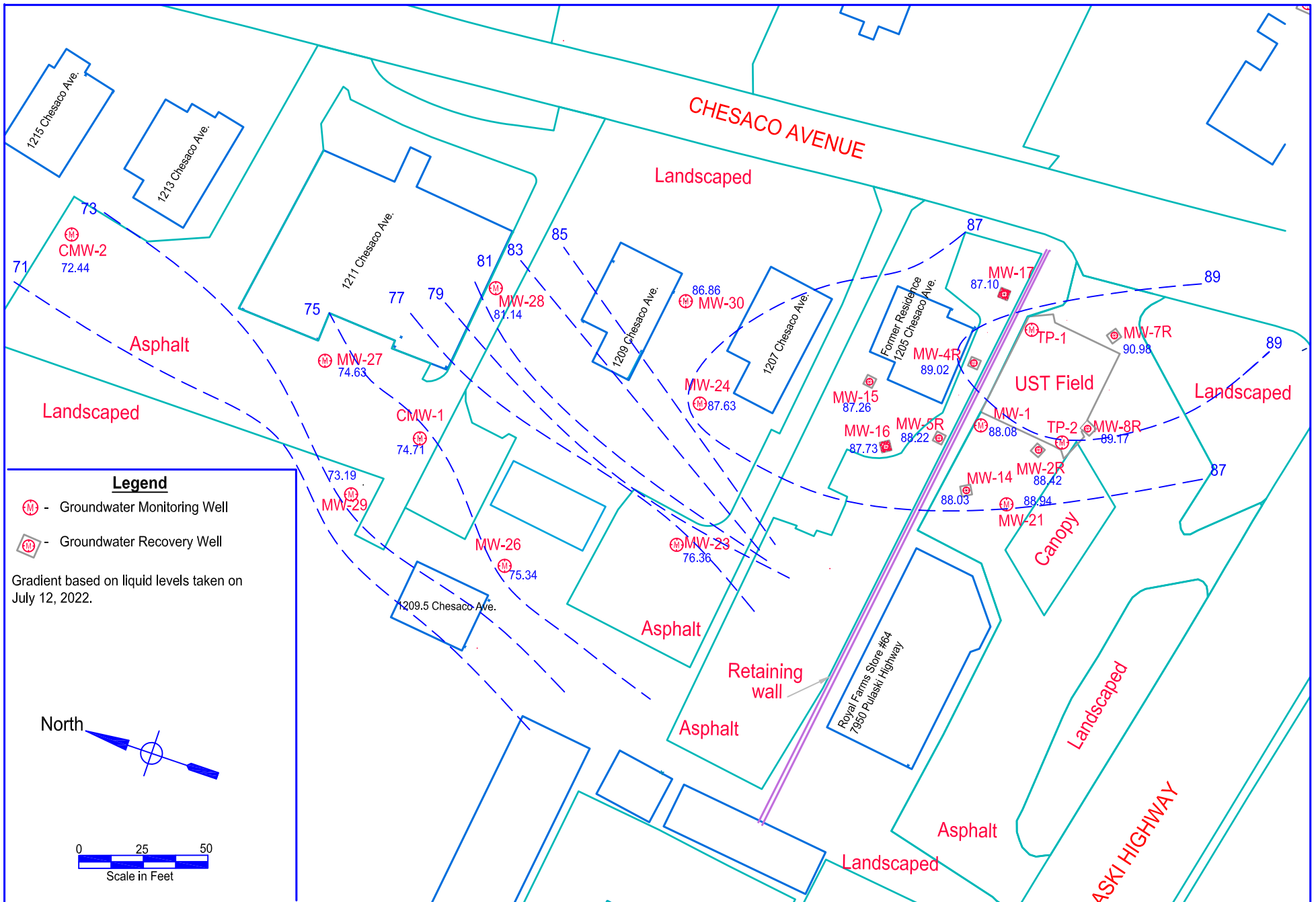
— Recovery Well Line



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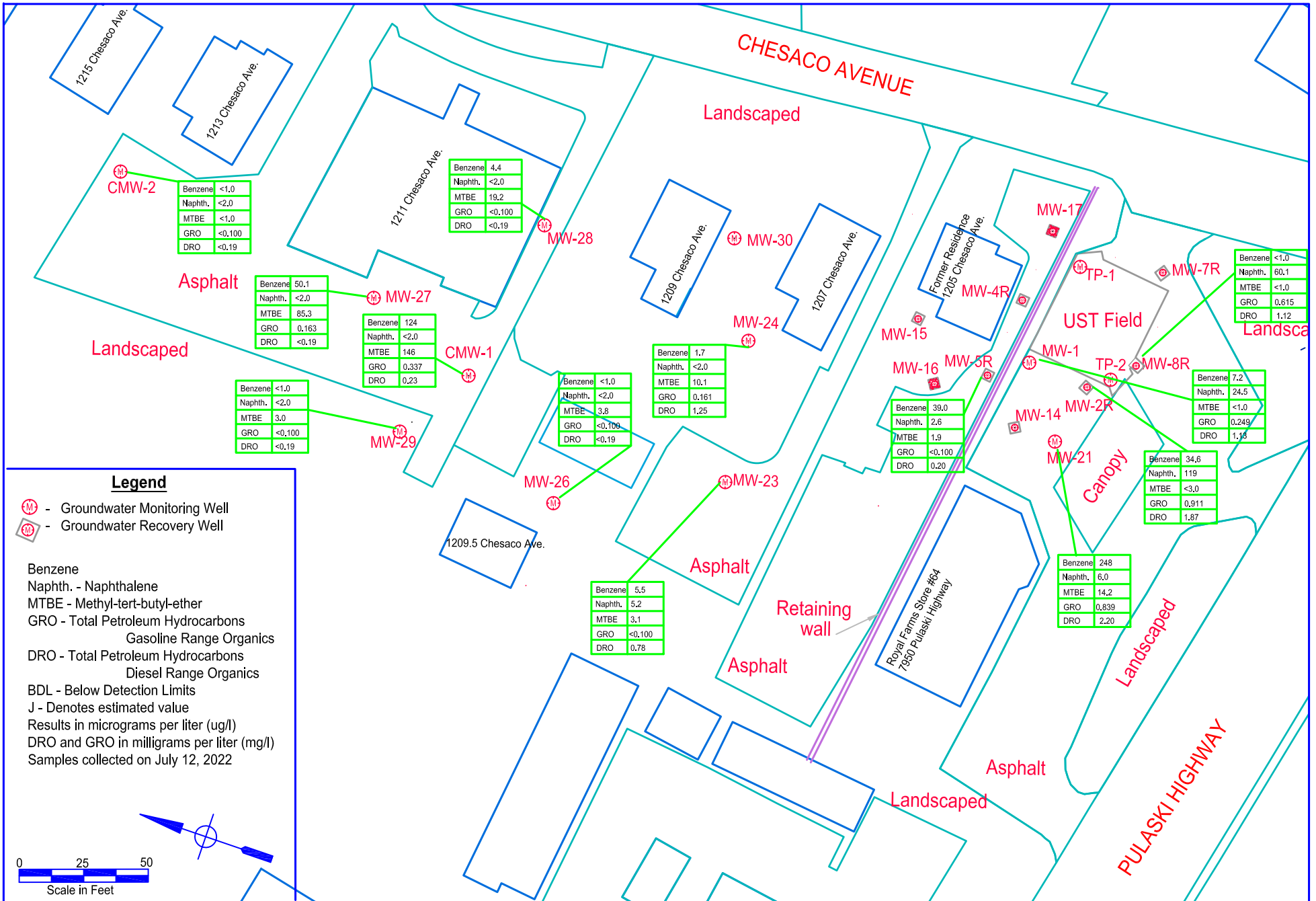
Figure 3 - Remediation System Layout
 Royal Farms No. 64
 7950 Pulaski Highway
 Baltimore, MD 21237

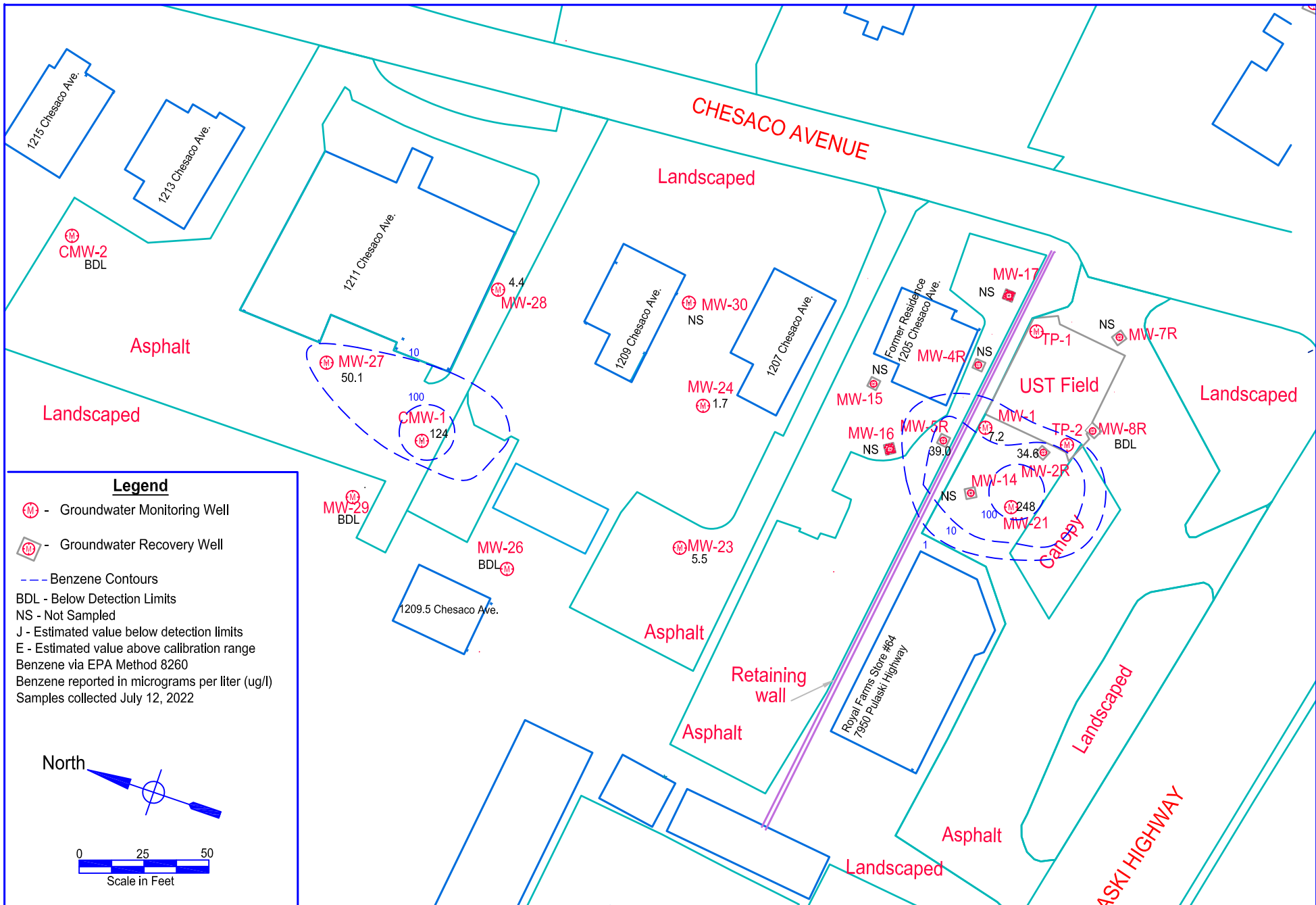


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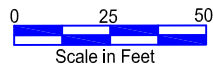
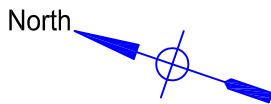
Figure 4 - Groundwater Gradient Map
 Royal Farms No. 64
 7950 Pulaski Highway
 Baltimore, MD 21237





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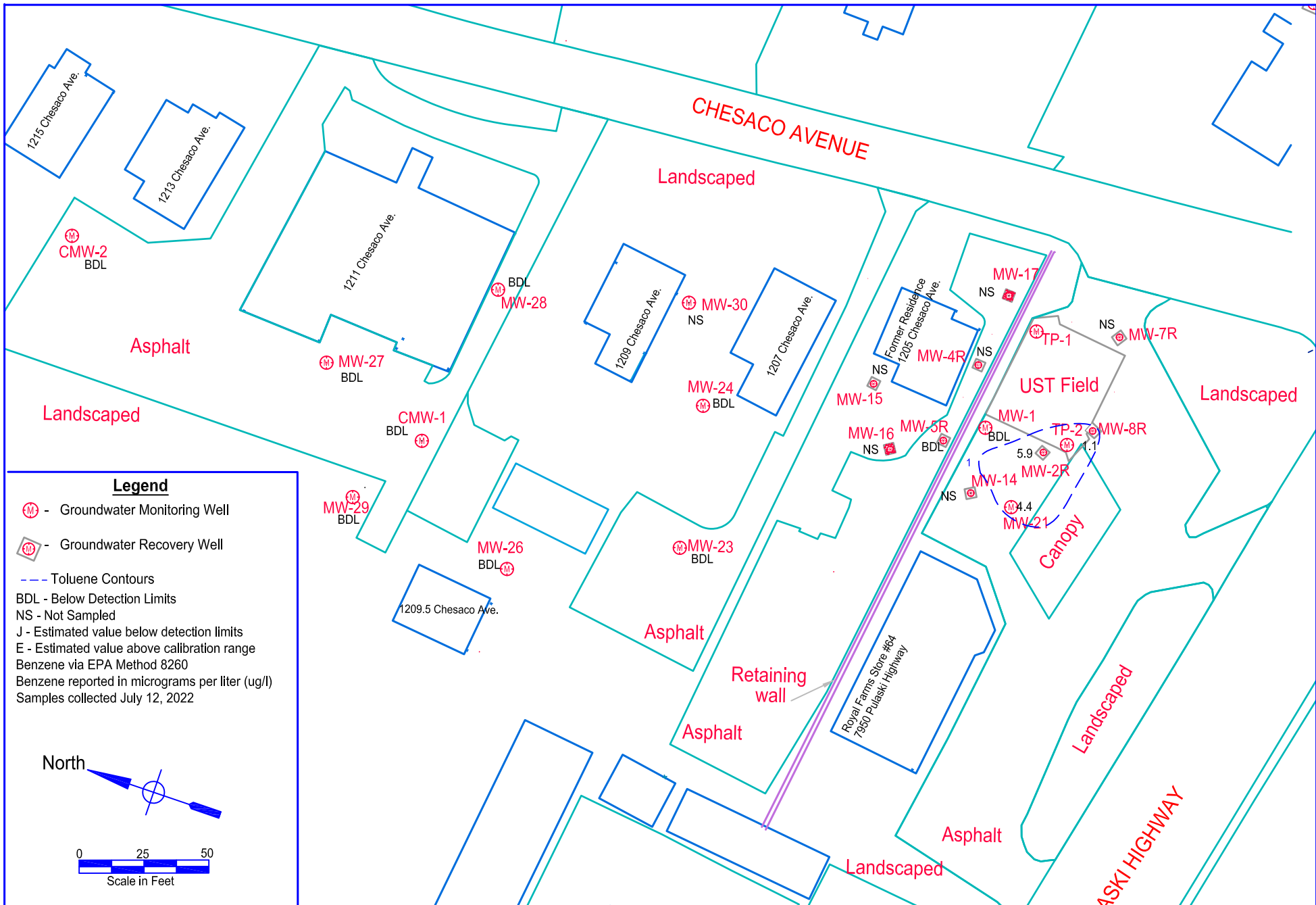
- Groundwater Monitoring Well
- Groundwater Recovery Well
- Benzene Contours
- BDL - Below Detection Limits
- NS - Not Sampled
- J - Estimated value below detection limits
- E - Estimated value above calibration range
- Benzene via EPA Method 8260
- Benzene reported in micrograms per liter (ug/l)
- Samples collected July 12, 2022






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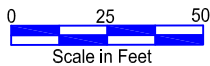
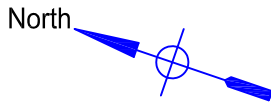
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Figure 6 - Benzene Contour Map
 Royal Farms No. 64
 7950 Pulaski Highway
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Legend

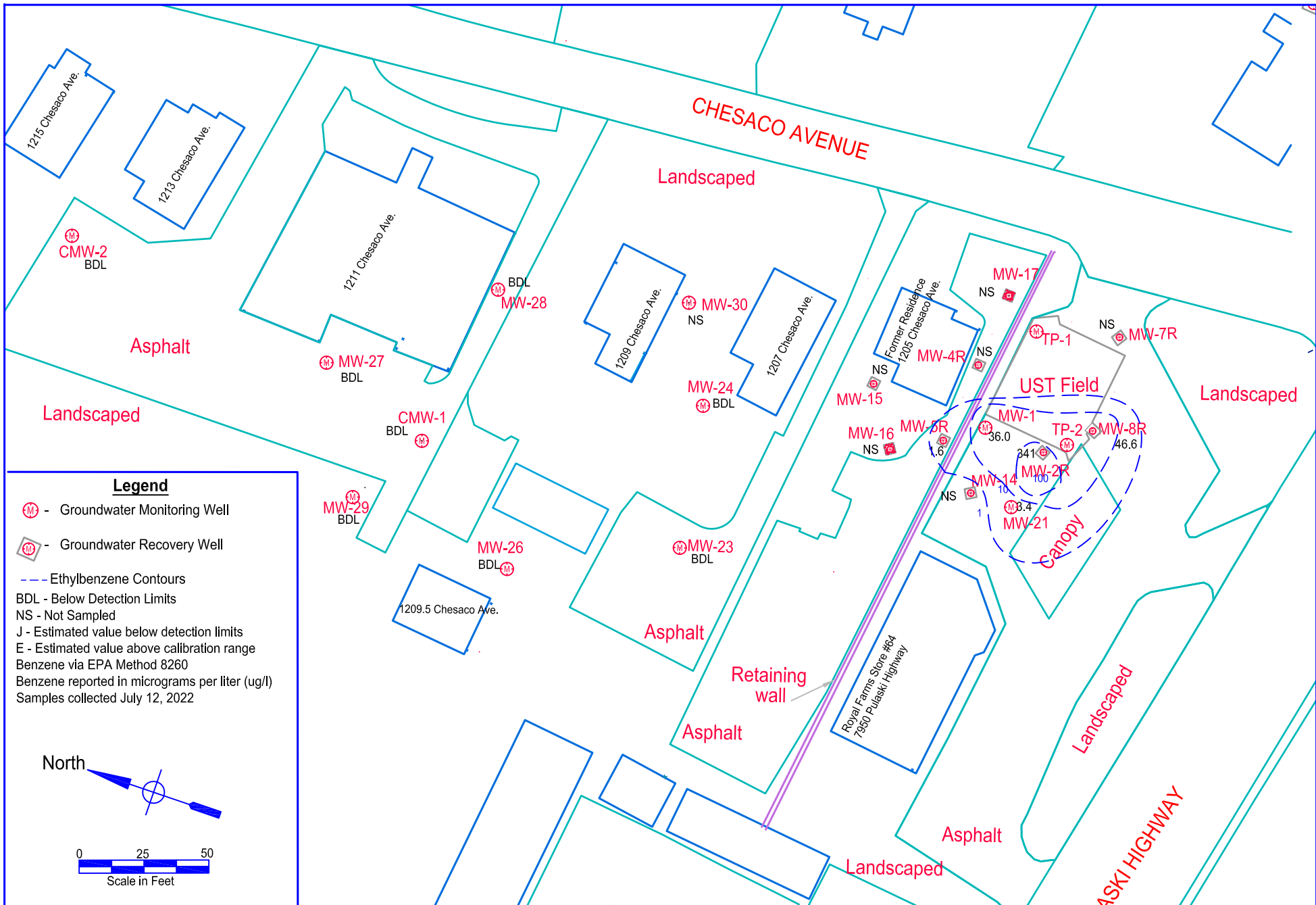
-  - Groundwater Monitoring Well
-  - Groundwater Recovery Well
-  - Toluene Contours
- BDL - Below Detection Limits
- NS - Not Sampled
- J - Estimated value below detection limits
- E - Estimated value above calibration range
- Benzene via EPA Method 8260
- Benzene reported in micrograms per liter (ug/l)
- Samples collected July 12, 2022



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 Project No. 05-056-RF064
 Date: September 2022

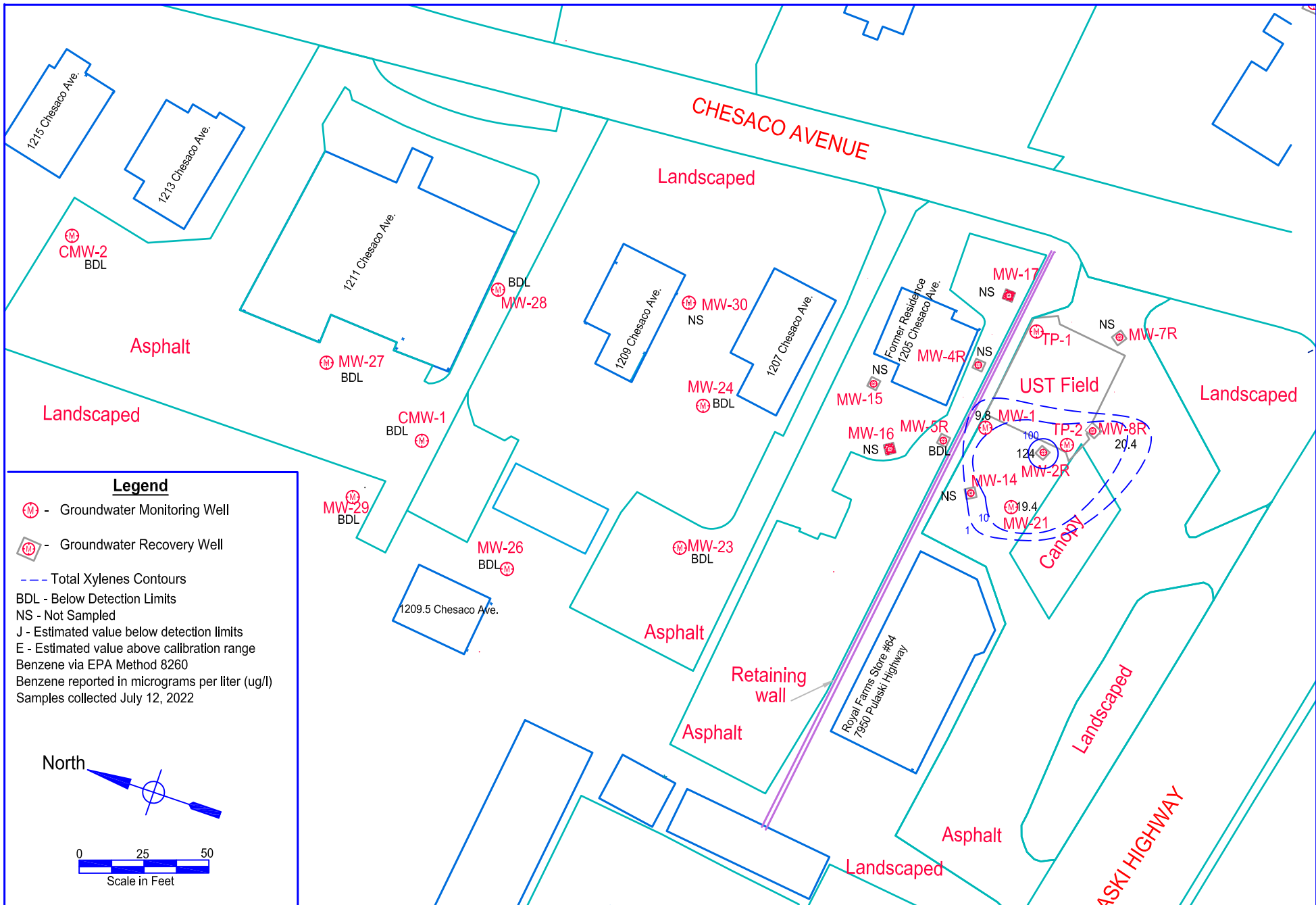
Figure 7 - Toluene Contour Map
 Royal Farms No. 64
 7950 Pulaski Highway
 Baltimore, MD 21237



8610 Washington Blvd. Suite 217
 Jessup, MD 20794
 Phone 301-776-0500
 Fax 301-776-1123

Drawn by: ZMB
 Project No. 05-056-RF064
 Date: September 2022

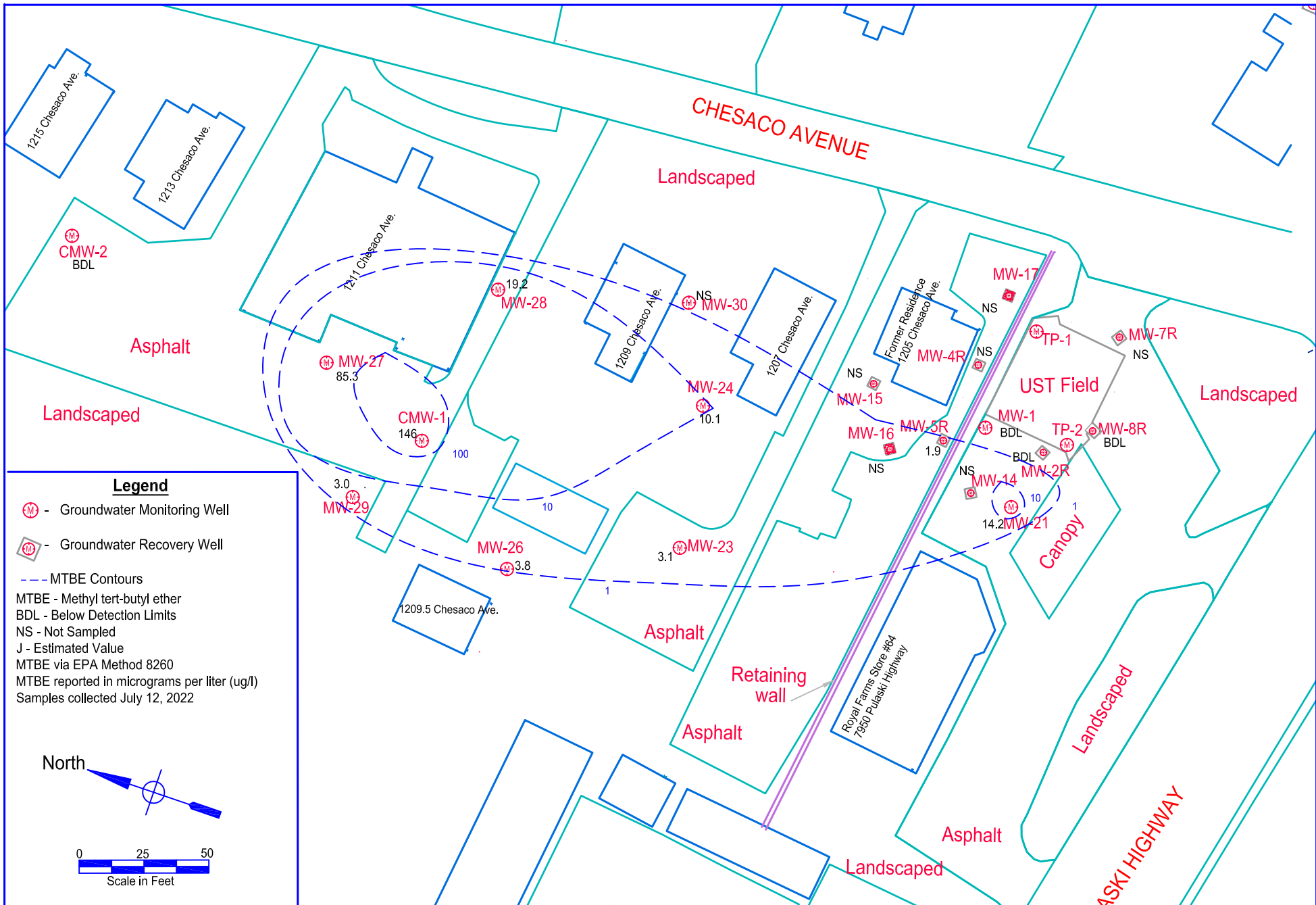
Figure 8 - Ethylbenzene Contour Map
 Royal Farms No. 64
 7950 Pulaski Highway
 Baltimore, MD 21237



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 Date: September 2022

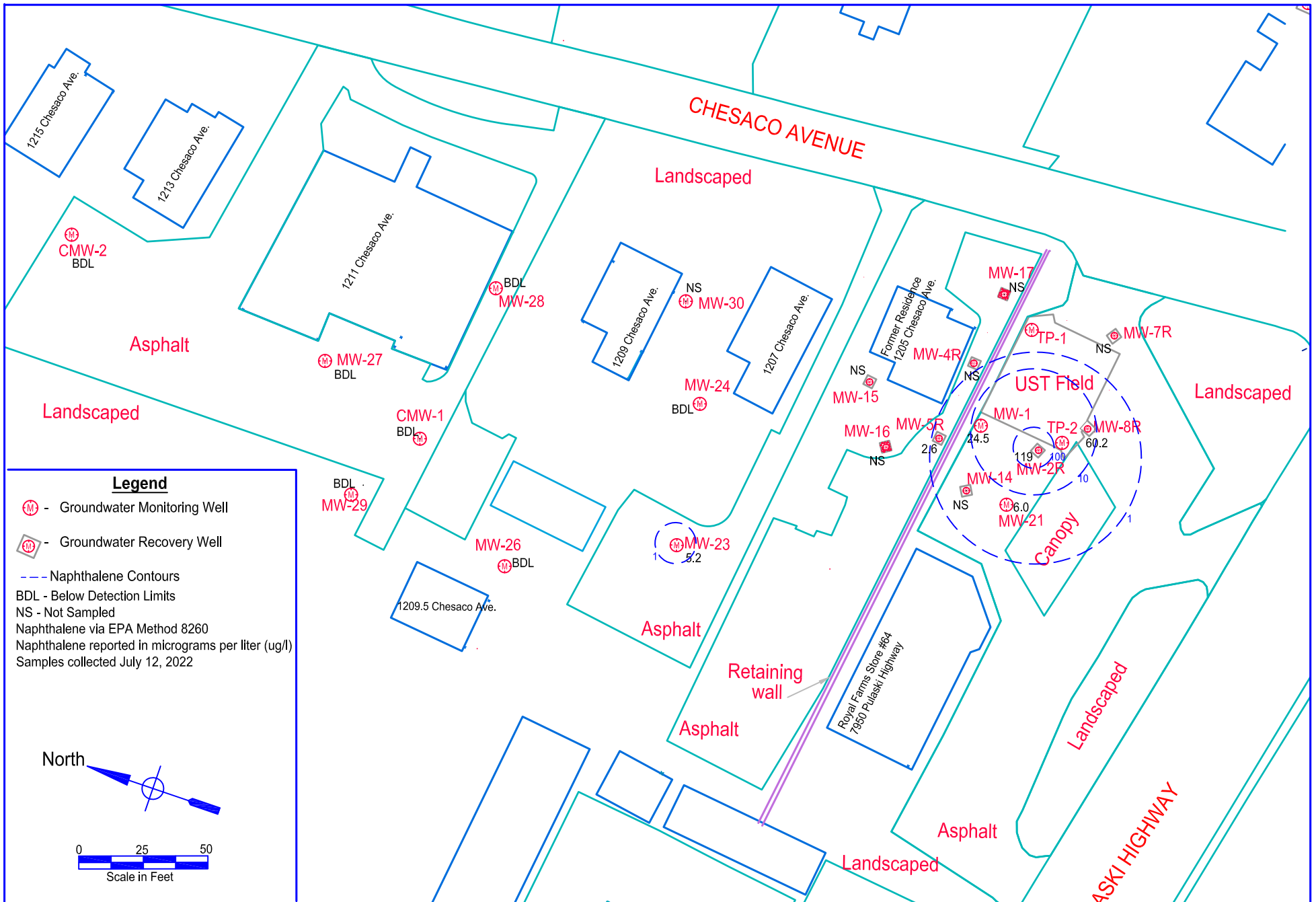
Figure 9 - Total Xylenes Contour Map
 Royal Farms No. 64
 7950 Pulaski Highway
 Baltimore, MD 21237



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 Date: September 2022

Figure 10 - MTBE Contour Map
 Royal Farms No. 64
 7950 Pulaski Highway
 Baltimore, MD 21237



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 Jessup, MD 20794
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 Fax 301-776-1123

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 Project No. 05-056-RF064
 Date: September 2022

Figure 11 - Naphthalene Contour Map
 Royal Farms No. 64
 7950 Pulaski Highway
 Baltimore, MD 21237

Attachment B

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
MW-1	12/14/2011	10.74	ND	98.98	88.24	NA	NA	NA		
	12/15/2011	13.01	ND	98.98	85.97	NA	NA	NA		0.75
	12/16/2011	13.28	ND	98.98	85.70	NA	NA	NA	stagnant odor	0.08
	12/19/2011	13.74	ND	98.98	85.24	NA	NA	NA	stagnant odor	0.15
	12/20/2011	13.95	13.95	98.98	85.03	85.03	85.03	0.00	Spotty Sheen	0.20
	12/21/2011	14.20	ND	98.98	84.78	NA	NA	NA		0.24
	12/22/2011	14.07	ND	98.98	84.91	NA	NA	NA	stagnant odor	0.26
	12/23/2011	13.65	ND	98.98	85.33	NA	NA	NA	stagnant odor	0.30
	12/27/2011	13.11	ND	98.98	85.87	NA	NA	NA	stagnant odor	0.17
	12/28/2011	13.27	ND	98.98	85.71	NA	NA	NA	stagnant odor	0.30
	12/29/2011	13.25	ND	98.98	85.73	NA	NA	NA	stagnant odor	0.28
	12/30/2011	13.36	ND	98.98	85.62	NA	NA	NA	stagnant odor	0.36
	1/3/2012	13.82	ND	98.98	85.16	NA	NA	NA	stagnant odor	0.26
	1/5/2012	14.07	ND	98.98	84.91	NA	NA	NA	stagnant odor	0.14
	1/9/2012	14.75	ND	98.98	84.23	NA	NA	NA	stagnant odor	
	1/10/2012	13.23	ND	98.98	85.75	NA	NA	NA	stagnant odor	
	1/18/2012	15.08	ND	98.98	83.90	NA	NA	NA	stagnant odor	
	1/25/2012	15.01	ND	98.98	83.97	NA	NA	NA	stagnant odor	
	1/30/2012	14.85	ND	98.98	84.13	NA	NA	NA	Slight Odor	
	2/6/2012	15.08	ND	98.98	83.90	NA	NA	NA	Slight Odor	
	2/13/2012	15.49	ND	98.98	83.49	NA	NA	NA	Moderate odor	
	2/20/2012	16.06	ND	98.98	82.92	NA	NA	NA	Slight Odor	1.00
	2/28/2012	16.18	ND	98.98	82.80	NA	NA	NA		
	3/5/2012	15.48	ND	98.98	83.50	NA	NA	NA		0.98
	3/12/2012	15.29	ND	98.98	83.69	NA	NA	NA	Slight Odor	
	3/19/2012	15.35	ND	98.98	83.63	NA	NA	NA		0.84
	3/29/2012	12.34	ND	98.98	86.64	NA	NA	NA	Slight Odor	
	4/2/2012	14.74	ND	98.98	84.24	NA	NA	NA	Slight Odor	
	4/10/2012	13.87	ND	98.98	85.11	NA	NA	NA	Slight Odor	
	4/16/2012	15.67	ND	98.98	83.31	NA	NA	NA		0.46
	4/23/2012	14.98	ND	98.98	84.00	NA	NA	NA	Moderate odor	
	4/30/2012	15.42	ND	98.98	83.56	NA	NA	NA	Moderate odor	
	5/8/2012*	14.32	ND	98.98	84.66	NA	NA	NA		
	5/15/2012	14.86	ND	98.98	84.12	NA	NA	NA	Slight Odor	
	5/21/2012	15.74	ND	98.98	83.24	NA	NA	NA	Moderate odor	0.44
	5/31/2012	15.38	ND	98.98	83.60	NA	NA	NA	Slight Odor	
	6/7/2012*	14.22	ND	98.98	84.76	NA	NA	NA		
	6/11/2012	15.26	ND	98.98	83.72	NA	NA	NA	Slight Odor	0.22
	6/18/2012	15.75	ND	98.98	83.23	NA	NA	NA	Slight Odor	
	6/25/2012	15.80	15.80	98.98	83.18	83.18	83.18	0.00	Slight Sheen	
	7/6/2012*	14.19	ND	98.98	84.79	NA	NA	NA	Slight Odor	
	7/10/2012	15.92	ND	98.98	83.06	NA	NA	NA	Slight Odor	
	7/17/2012	15.99	ND	98.98	82.99	NA	NA	NA	Slight Odor	0.27
	7/24/2012	15.21	ND	98.98	83.77	NA	NA	NA	Slight Odor	
	7/31/2012	14.89	ND	98.98	84.09	NA	NA	NA	Moderate odor	
	8/7/2012	14.63	ND	98.98	84.35	NA	NA	NA	Slight Odor	0.16
	8/14/2012	14.62	ND	98.98	84.36	NA	NA	NA	Slight Odor	
	8/21/2012	15.04	ND	98.98	83.94	NA	NA	NA	Slight Odor	
	8/28/2012	12.97	ND	98.98	86.01	NA	NA	NA	Slight Odor	
	9/5/2012	13.93	ND	98.98	85.05	NA	NA	NA	Slight Odor	0.16
	9/13/2012	14.24	ND	98.98	84.74	NA	NA	NA	Slight Odor	
	9/18/2012	14.48	ND	98.98	84.50	NA	NA	NA	Slight Odor	
	9/26/2012	13.41	ND	98.98	85.57	NA	NA	NA	Slight Odor	

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	10/5/2012*	12.44	ND	98.98	86.54	NA	NA	NA	Slight Odor	
	10/11/2012	NG	ND	98.98	NA	NA	NA	NA		0.05
	10/16/2012	14.74	ND	98.98	84.24	NA	NA	NA	Slight Odor	
	10/22/2012	13.23	ND	98.98	85.75	NA	NA	NA	Slight Odor	
	10/31/2012	11.64	ND	98.98	87.34	NA	NA	NA		
	11/7/2012	10.84	ND	98.98	88.14	NA	NA	NA		
	11/13/2012	11.85	ND	98.98	87.13	NA	NA	NA		0.22
	11/21/2012	12.65	ND	98.98	86.33	NA	NA	NA		
	11/27/2012	13.44	ND	98.98	85.54	NA	NA	NA		
	12/4/2012	14.35	ND	98.98	84.63	NA	NA	NA		0.17
	12/13/2012	14.68	ND	98.98	84.30	NA	NA	NA		
	12/21/2012	14.52	ND	98.98	84.46	NA	NA	NA		
	12/28/2012	14.64	ND	98.98	84.34	NA	NA	NA		
	1/4/2013	13.32	ND	98.98	85.66	NA	NA	NA		0.14
	1/9/2013	13.60	ND	98.98	85.38	NA	NA	NA		
	1/16/2013	12.02	ND	98.98	86.96	NA	NA	NA		
	1/21/2013*	11.79	ND	98.98	87.19	NA	NA	NA		
	2/8/2013	13.38	ND	98.98	85.60	NA	NA	NA		0.15
	3/8/2013	11.84	ND	98.98	87.14	NA	NA	NA	Slight Odor	0.07
	4/16/2013	12.12	ND	98.98	86.86	NA	NA	NA	Slight Odor	0.10
	4/17/2013*	10.87	ND	98.98	88.11	NA	NA	NA	Moderate odor	
	5/3/2013	11.67	ND	98.98	87.31	NA	NA	NA	Slight Odor	0.03
	6/13/2013	10.23	ND	98.98	88.75	NA	NA	NA	Slight Odor	0.09
	7/11/2013	11.97	ND	98.98	87.01	NA	NA	NA		0.02
	7/19/2013*	11.00	ND	98.98	87.98	NA	NA	NA		
	8/1/2013	11.97	ND	98.98	87.01	NA	NA	NA		0.00
	9/5/2013	15.04	ND	98.98	83.94	NA	NA	NA	Slight Odor	
	10/7/2013	14.87	ND	98.98	84.11	NA	NA	NA		
	10/8/2013*	13.04	ND	98.98	85.94	NA	NA	NA	Strong odor	0.00
	10/22/2013*	11.24	ND	98.98	87.74	NA	NA	NA	Slight Odor	
	11/6/2013	14.07	ND	98.98	84.91	NA	NA	NA		0.00
	12/4/2013	14.60	ND	98.98	84.38	NA	NA	NA	Moderate odor	0.16
	1/6/2014*	11.70	ND	98.98	87.28	NA	NA	NA	Moderate odor	
	2/24/2014	11.98	ND	98.98	87.00	NA	NA	NA		
	3/10/2014	11.36	ND	98.98	87.62	NA	NA	NA	Slight odor	0.0
	4/22/2014	12.85	ND	98.98	86.13	NA	NA	NA	Moderate odor	0.0
	4/23/2014*	10.63	ND	98.98	88.35	NA	NA	NA		
	5/7/2014	10.40	ND	98.98	88.58	NA	NA	NA		0.0
	6/3/2014	13.25	ND	98.98	85.73	NA	NA	NA		0.2
	7/3/2014	10.93	ND	98.98	88.05	NA	NA	NA		
	7/17/2014	9.30	ND	98.98	89.68	NA	NA	NA		
	8/25/2014	11.20	ND	98.98	87.78	NA	NA	NA		0.1
	9/9/2014	13.25	ND	98.98	85.73	NA	NA	NA	Slight Odor	0.03
	10/7/2014	14.44	ND	98.98	84.54	NA	NA	NA		
	10/8/2014*	12.90	ND	98.98	86.08	NA	NA	NA	Slight Odor	0.02
	11/4/2014	12.73	ND	98.98	86.25	NA	NA	NA		
	12/1/2014	12.72	ND	98.98	86.26	NA	NA	NA		0.04
	1/7/2015	11.00	ND	98.98	87.98	NA	NA	NA		
	1/9/2015*	10.03	ND	98.98	88.95	NA	NA	NA	Strong odor	
	2/3/2015	11.51	ND	98.98	87.47	NA	NA	NA	Moderate odor	0.00
	3/17/2015	10.25	ND	98.98	88.73	NA	NA	NA		0.00
	4/14/2015	10.56	ND	98.98	88.42	NA	NA	NA		
	4/15/2015*	9.47	ND	98.98	89.51	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	5/12/2015	10.88	ND	98.98	88.10	NA	NA	NA		0.00
	6/9/2015	10.39	ND	98.98	88.59	NA	NA	NA	Slight Odor	0.04
	7/7/2015	9.92	ND	98.98	89.06	NA	NA	NA	Slight Odor	0.12
	8/3/2015	17.45	ND	98.98	81.53	NA	NA	NA		0.20
	9/2/2015	13.26	ND	98.98	85.72	NA	NA	NA	Slight Odor	
	10/20/2015	17.27	ND	98.98	81.71	NA	NA	NA		0.02
	10/21/2015	16.16	ND	98.98	82.82	NA	NA	NA		
	11/3/2015	17.88	ND	98.98	81.10	NA	NA	NA		0.40
	12/3/2015	10.70	ND	98.98	88.28	NA	NA	NA		
	1/14/2016	9.50	ND	98.98	89.48	NA	NA	NA		
	2/10/2016	8.18	ND	98.98	90.80	NA	NA	NA		
	3/9/2016	8.25	ND	98.98	90.73	NA	NA	NA		
	4/8/2016	8.42	ND	98.98	90.56	NA	NA	NA		
	5/24/2016	7.81	ND	98.98	91.17	NA	NA	NA		
	8/25/2016	8.55	ND	98.98	90.43	NA	NA	NA		
	11/16/2016	10.22	ND	98.98	88.76	NA	NA	NA	Moderate odor	
	1/24/2017	8.34	ND	98.98	90.64	NA	NA	NA	Moderate odor	
	4/27/2017	8.64	ND	98.98	90.34	NA	NA	NA		
	7/13/2017	9.40	ND	98.98	89.58	NA	NA	NA		
	10/25/2017	9.91	ND	98.98	89.07	NA	NA	NA		
	2/13/2018	8.95	ND	98.98	90.03	NA	NA	NA		
	4/27/2018	8.31	ND	98.98	90.67	NA	NA	NA		
	7/19/2018	10.50	ND	98.98	88.48	NA	NA	NA	Slight Odor	
	9/6/2018	9.04	ND	98.98	89.94	NA	NA	NA		
	10/24/2018	9.00	ND	98.98	89.98	NA	NA	NA		
	1/22/2019	7.77	ND	98.98	91.21	NA	NA	NA		
	7/24/2019	8.19	ND	98.98	90.79	NA	NA	NA		
	4/23/2020	8.90	ND	98.98	90.08	NA	NA	NA		
	7/7/2020	8.36	ND	98.98	90.62	NA	NA	NA		
	10/8/2020	9.39	ND	98.98	89.59	NA	NA	NA		
	1/14/2021	8.40	ND	98.98	90.58	NA	NA	NA	Slight odor	
	4/8/2021	8.08	ND	98.98	90.90	NA	NA	NA		
	7/7/2021	9.25	ND	98.98	89.73	NA	NA	NA		
	10/7/2021	10.90	ND	98.98	88.08	NA	NA	NA		
	1/13/2022	9.61	ND	98.98	89.37	NA	NA	NA		
	4/6/2022	8.45	ND	98.98	90.53	NA	NA	NA		
	7/12/2022	8.45	ND	98.98	88.08	NA	NA	NA		
MW-2R	12/14/2011	11.81	ND	96.61	84.80	NA	NA	NA	Recovery Well	
	12/19/2011	15.21	ND	96.61	81.40	NA	NA	NA	Slight Odor	
	12/29/2011	15.61	ND	96.61	81.00	NA	NA	NA	Slight Odor	
	1/5/2012	14.83	ND	96.61	81.78	NA	NA	NA	stagnant odor	
	1/9/2012	14.91	ND	96.61	81.70	NA	NA	NA	stagnant odor	
	1/10/2012	14.33	14.33	96.61	82.28	82.28	82.28	0.00	Sheen	
	1/18/2012	15.15	ND	96.61	81.46	NA	NA	NA	stagnant odor	
	1/25/2012	14.53	ND	96.61	82.08	NA	NA	NA		
	2/13/2012	14.50	ND	96.61	82.11	NA	NA	NA	Moderate odor	
	3/29/2012	12.50	ND	96.61	84.11	NA	NA	NA	Slight Odor	
	4/11/2012	12.98	ND	96.61	83.63	NA	NA	NA	Moderate odor	
	5/8/2012*	14.34	ND	96.61	82.27	NA	NA	NA	Slight Odor	
	6/7/2012*	14.58	ND	96.61	82.03	NA	NA	NA	Stinger depth: 17.00 ft.	
	7/6/2012*	14.28	ND	96.61	82.33	NA	NA	NA		
	8/14/2012	16.03	ND	96.61	80.58	NA	NA	NA		
	9/5/2012	14.97	ND	96.61	81.64	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	10/5/2012*	16.24	ND	96.61	80.37	NA	NA	NA	Slight Odor	
	11/13/2012	15.76	ND	96.61	80.85	NA	NA	NA		
	12/4/2012	16.20	ND	96.61	80.41	NA	NA	NA	Slight Odor	
	1/9/2013	16.40	ND	96.61	80.21	NA	NA	NA		
	1/21/2013*	15.02	ND	96.61	81.59	NA	NA	NA		
	2/8/2013	15.29	ND	96.61	81.32	NA	NA	NA		
	3/8/2013	14.17	ND	96.61	82.44	NA	NA	NA		
	4/16/2013	15.25	ND	96.61	81.36	NA	NA	NA	Slight Odor	
	5/3/2013	14.98	ND	96.61	81.63	NA	NA	NA		
	6/13/2013	12.90	ND	96.61	83.71	NA	NA	NA		
	7/11/2013	14.65	ND	96.61	81.96	NA	NA	NA		
	7/19/2013*	14.05	ND	96.61	82.56	NA	NA	NA		
	8/1/2013	16.04	ND	96.61	80.57	NA	NA	NA		
	9/5/2013	15.57	ND	96.61	81.04	NA	NA	NA		
	10/8/2013*	14.90	ND	96.61	81.71	NA	NA	NA		
	10/22/2013*	9.81	ND	96.61	86.80	NA	NA	NA		
	11/6/2013	14.76	ND	96.61	81.85	NA	NA	NA		
	12/16/2013	17.10	ND	96.61	79.51	NA	NA	NA		
	1/6/2014*	15.28	ND	96.61	81.33	NA	NA	NA	slight odor	
	2/24/2014	15.25	ND	96.61	81.36	NA	NA	NA		
	3/10/2014	13.66	ND	96.61	82.95	NA	NA	NA		
	4/22/2014	16.19	ND	96.61	80.42	NA	NA	NA		
	5/7/2014	15.31	ND	96.61	81.30	NA	NA	NA		
	6/3/2014	16.03	ND	96.61	80.58	NA	NA	NA		
	7/3/2014	13.56	ND	96.61	83.05	NA	NA	NA		
	7/17/2014	12.41	ND	96.61	84.20	NA	NA	NA	Stinger Depth: 15.90	
	8/25/2014	13.99	ND	96.61	82.62	NA	NA	NA		
	9/9/2014	14.91	ND	96.61	81.70	NA	NA	NA		
	10/8/2014	14.36	ND	96.61	82.25	NA	NA	NA		
	11/4/2014	14.86	ND	96.61	81.75	NA	NA	NA		
	12/1/2014	15.07	ND	96.61	81.54	NA	NA	NA		
	1/9/2015*	12.25	ND	96.61	84.36	NA	NA	NA		
	2/3/2015	14.17	ND	96.61	82.44	NA	NA	NA		
	3/17/2015	13.51	ND	96.61	83.10	NA	NA	NA		
	4/14/2015	13.60	ND	96.61	83.01	NA	NA	NA		
	4/15/2015*	12.13	ND	96.61	84.48	NA	NA	NA		
	5/12/2015	13.07	ND	96.61	83.54	NA	NA	NA		
	6/9/2015	13.21	ND	96.61	83.40	NA	NA	NA		
	7/7/2015	12.17	ND	96.61	84.44	NA	NA	NA	Slight Odor	
	8/3/2015	15.85	ND	96.61	80.76	NA	NA	NA		
	9/2/2015	13.52	ND	96.61	83.09	NA	NA	NA		
	10/20/2015	15.57	ND	96.61	81.04	NA	NA	NA		
	10/21/2015	15.02	ND	96.61	81.59	NA	NA	NA		
	11/3/2015	16.27	ND	96.61	80.34	NA	NA	NA		
	11/17/2015	14.16	ND	96.61	82.45	NA	NA	NA		
	12/3/2015	11.65	ND	96.61	84.96	NA	NA	NA		
	1/14/2016	11.06	ND	96.61	85.55	NA	NA	NA		
	2/10/2016	10.40	ND	96.61	86.21	NA	NA	NA		
	3/9/2016	9.58	ND	96.61	87.03	NA	NA	NA		
	4/8/2016	11.30	ND	96.61	85.31	NA	NA	NA		
	5/24/2016	9.50	ND	96.61	87.11	NA	NA	NA		
	8/25/2016	11.53	ND	96.61	85.08	NA	NA	NA		
	1/24/2017	11.24	ND	96.61	85.37	NA	NA	NA	Moderate odor	

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	4/27/2017	11.10	ND	96.61	85.51	NA	NA	NA		
	7/13/2017	12.22	ND	96.61	84.39	NA	NA	NA		
	10/25/2017	12.26	ND	96.61	84.35	NA	NA	NA		
	2/13/2018	11.12	ND	96.61	85.49	NA	NA	NA		
	4/27/2018	10.83	ND	96.61	85.78	NA	NA	NA		
	7/19/2018	12.34	ND	96.61	84.27	NA	NA	NA		
	9/6/2018	10.78	ND	96.61	85.83	NA	NA	NA		
	10/24/2018	10.84	ND	96.61	85.77	NA	NA	NA	slight odor	
	1/22/2019	9.94	ND	96.61	86.67	NA	NA	NA		
	7/24/2019	6.00	ND	96.61	90.61	NA	NA	NA		
	4/23/2020	10.52	ND	96.61	86.09	NA	NA	NA		
	7/7/2020	9.70	ND	96.61	86.91	NA	NA	NA		
	10/8/2020	10.94	ND	96.61	85.67	NA	NA	NA		
	1/14/2021	10.17	ND	96.61	86.44	NA	NA	NA	slight odor	
	4/8/2021	9.73	ND	96.61	86.88	NA	NA	NA		
	7/7/2021	10.65	ND	96.61	85.96	NA	NA	NA		
	10/7/2021	11.30	ND	96.61	85.31	NA	NA	NA		
	1/13/2022	11.20	ND	96.61	85.41	NA	NA	NA		
	4/6/2022	9.03	ND	96.61	87.58	NA	NA	NA		
	7/12/2022	10.19	ND	96.61	86.42	NA	NA	NA		
MW-3	12/14/2011	6.72	ND	92.95	86.23	NA	NA	NA		
	12/15/2011	11.14	ND	92.95	81.81	NA	NA	NA		0.34
	12/16/2011	11.34	ND	92.95	81.61	NA	NA	NA		0.45
	12/19/2011	11.02	ND	92.95	81.93	NA	NA	NA		0.29
	12/20/2011	11.44	ND	92.95	81.51	NA	NA	NA	stagnant odor	0.46
	12/21/2011	11.54	ND	92.95	81.41	NA	NA	NA		0.37
	12/22/2011	11.41	ND	92.95	81.54	NA	NA	NA		0.32
	12/23/2011	11.82	ND	92.95	81.13	NA	NA	NA		0.40
	12/27/2011	11.03	ND	92.95	81.92	NA	NA	NA		0.29
	12/28/2011	11.79	ND	92.95	81.16	NA	NA	NA		0.17
	12/29/2011	11.64	ND	92.95	81.31	NA	NA	NA		0.18
	12/30/2011	11.72	ND	92.95	81.23	NA	NA	NA		0.30
	1/3/2012	11.30	ND	92.95	81.65	NA	NA	NA		0.30
	1/5/2012	11.51	ND	92.95	81.44	NA	NA	NA		0.59
	1/9/2012	11.16	ND	92.95	81.79	NA	NA	NA		
	1/10/2012	9.33	ND	92.95	83.62	NA	NA	NA		
	1/18/2012	11.63	ND	92.95	81.32	NA	NA	NA		
	1/25/2012	11.34	ND	92.95	81.61	NA	NA	NA		
	1/30/2012	11.36	ND	92.95	81.59	NA	NA	NA		
	2/6/2012	11.58	ND	92.95	81.37	NA	NA	NA		
	2/13/2012	11.73	ND	92.95	81.22	NA	NA	NA		
	2/20/2012	12.02	ND	92.95	80.93	NA	NA	NA		0.11
	2/28/2012	12.12	ND	92.95	80.83	NA	NA	NA		0.13
	3/5/2012	11.74	ND	92.95	81.21	NA	NA	NA		
	3/12/2012	11.78	ND	92.95	81.17	NA	NA	NA		
	3/19/2012	11.74	ND	92.95	81.21	NA	NA	NA		0.08
	3/29/2012	7.45	ND	92.95	85.50	NA	NA	NA		
	4/2/2012	10.18	ND	92.95	82.77	NA	NA	NA		
	4/10/2012	9.55	ND	92.95	83.40	NA	NA	NA		
	4/16/2012	11.45	ND	92.95	81.50	NA	NA	NA		0.07
	4/23/2012	10.91	ND	92.95	82.04	NA	NA	NA		
	4/30/2012	11.61	ND	92.95	81.34	NA	NA	NA		
	5/8/2012*	9.85	ND	92.95	83.10	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	5/15/2012	10.13	ND	92.95	82.82	NA	NA	NA		
	5/21/2012	10.57	ND	92.95	82.38	NA	NA	NA		0.07
	5/31/2012	11.28	ND	92.95	81.67	NA	NA	NA		
	6/7/2012*	10.21	ND	92.95	82.74	NA	NA	NA		
	6/11/2012	11.46	ND	92.95	81.49	NA	NA	NA		0.04
	6/18/2012	11.44	ND	92.95	81.51	NA	NA	NA		
	6/25/2012	10.90	ND	92.95	82.05	NA	NA	NA		
	7/6/2012*	9.49	ND	92.95	83.46	NA	NA	NA		
	7/10/2012	11.20	ND	92.95	81.75	NA	NA	NA		
	7/17/2012	11.42	ND	92.95	81.53	NA	NA	NA		0.05
	7/24/2012	11.39	ND	92.95	81.56	NA	NA	NA		
	7/31/2012	11.41	ND	92.95	81.54	NA	NA	NA		
	8/7/2012	11.45	ND	92.95	81.50	NA	NA	NA		0.00
	8/14/2012	11.50	ND	92.95	81.45	NA	NA	NA		
	8/21/2012	12.09	ND	92.95	80.86	NA	NA	NA		
	8/28/2012	9.71	ND	92.95	83.24	NA	NA	NA		
	9/5/2012	11.76	ND	92.95	81.19	NA	NA	NA		0.09
	9/13/2012	12.51	ND	92.95	80.44	NA	NA	NA		
	9/18/2012	12.22	ND	92.95	80.73	NA	NA	NA		
	9/26/2012	11.28	ND	92.95	81.67	NA	NA	NA		
	10/5/2012*	10.32	ND	92.95	82.63	NA	NA	NA		
	10/11/2012	11.90	ND	92.95	81.05	NA	NA	NA		0.07
	10/16/2012	11.69	ND	92.95	81.26	NA	NA	NA		
	10/22/2012	12.03	ND	92.95	80.92	NA	NA	NA		
	10/31/2012	10.86	ND	92.95	82.09	NA	NA	NA		
	11/7/2012	10.99	ND	92.95	81.96	NA	NA	NA		
	11/13/2012	10.18	ND	92.95	82.77	NA	NA	NA		
	11/21/2012	11.31	ND	92.95	81.64	NA	NA	NA		
	11/27/2012	11.91	ND	92.95	81.04	NA	NA	NA		
	12/4/2012	12.51	ND	92.95	80.44	NA	NA	NA		
	12/13/2012	12.43	ND	92.95	80.52	NA	NA	NA		
	12/21/2012	11.52	ND	92.95	81.43	NA	NA	NA		
	12/28/2012	12.87	ND	92.95	80.08	NA	NA	NA		
	1/4/2013	12.84	ND	92.95	80.11	NA	NA	NA		
	1/9/2013	12.86	ND	92.95	80.09	NA	NA	NA		
	1/16/2013	11.39	ND	92.95	81.56	NA	NA	NA		
	1/21/2013*	10.42	ND	92.95	82.53	NA	NA	NA		
	2/8/2013	12.14	ND	92.95	80.81	NA	NA	NA		0.04
	3/8/2013	11.13	ND	92.95	81.82	NA	NA	NA		0.04
	4/16/2013	15.32	ND	92.95	77.63	NA	NA	NA	V. Slight	0.03
	4/17/2013*	9.70	ND	92.95	83.25	NA	NA	NA		
	5/3/2013	10.55	ND	92.95	82.40	NA	NA	NA		0.03
	6/13/2013	10.60	ND	92.95	82.35	NA	NA	NA		0.02
	7/11/2013	10.66	ND	92.95	82.29	NA	NA	NA		0.00
	7/19/2013*	9.10	ND	92.95	83.85	NA	NA	NA		
	8/1/2013	11.29	ND	92.95	81.66	NA	NA	NA		0.20
	9/5/2013	11.67	ND	92.95	81.28	NA	NA	NA		
	10/7/2013	2.40	ND	92.95	90.55	NA	NA	NA		0.50
	10/8/2013*	10.04	ND	92.95	82.91	NA	NA	NA		
	10/22/2013*	9.32	ND	92.95	83.63	NA	NA	NA		
	11/6/2013	11.24	ND	92.95	81.71	NA	NA	NA		0.30
	12/4/2013	12.15	ND	92.95	80.80	NA	NA	NA		0.06
	1/6/2014*	7.69	ND	92.95	85.26	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
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Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	2/24/2014	10.40	ND	92.95	82.55	NA	NA	NA		
	3/10/2014	9.34	ND	92.95	83.61	NA	NA	NA		0.0
	4/22/2014	11.72	ND	92.95	81.23	NA	NA	NA		0.1
	4/23/2014*	9.65	ND	92.95	83.30	NA	NA	NA		
	5/7/2014	6.88	ND	92.95	86.07	NA	NA	NA		0.0
	6/3/2014	11.72	ND	92.95	81.23	NA	NA	NA		
	7/3/2014	8.58	ND	92.95	84.37	NA	NA	NA		0.5
	7/17/2014	6.75	ND	92.95	86.20	NA	NA	NA		
	8/25/2014	10.50	ND	92.95	82.45	NA	NA	NA		0.08
	9/9/2014	10.84	ND	92.95	82.11	NA	NA	NA		0.38
	10/7/2014	11.18	ND	92.95	81.77	NA	NA	NA		0.38
	10/8/2014*	9.40	ND	92.95	83.55	NA	NA	NA		
	11/4/2014	10.54	ND	92.95	82.41	NA	NA	NA		0.30
	12/1/2014	10.20	ND	92.95	82.75	NA	NA	NA		0.22
	1/7/2015	7.90	ND	92.95	85.05	NA	NA	NA		0.24
	1/9/2015*	6.60	ND	92.95	86.35	NA	NA	NA		
	2/3/2015	9.47	ND	92.95	83.48	NA	NA	NA		0.12
	3/17/2015	8.32	ND	92.95	84.63	NA	NA	NA		0.00
	4/14/2015	8.32	ND	92.95	84.63	NA	NA	NA		
	4/15/2015*	6.35	ND	92.95	86.60	NA	NA	NA		
	5/12/2015	7.92	ND	92.95	85.03	NA	NA	NA		0.22
	6/9/2015	8.88	ND	92.95	84.07	NA	NA	NA		0.10
	7/7/2015	6.59	ND	92.95	86.36	NA	NA	NA		0.20
	8/3/2015	11.55	ND	92.95	81.40	NA	NA	NA		0.12
	9/2/2015	7.53	ND	92.95	85.42	NA	NA	NA		
	10/20/2015	11.40	ND	92.95	81.55	NA	NA	NA		0.01
	10/21/2015	10.19	ND	92.95	82.76	NA	NA	NA		
	11/3/2015	11.92	ND	92.95	81.03	NA	NA	NA		0.04
	12/3/2015	4.98	ND	92.95	87.97	NA	NA	NA		
	1/14/2016	5.30	ND	92.95	87.65	NA	NA	NA		
	2/10/2016	3.72	ND	92.95	89.23	NA	NA	NA		
	3/9/2016	5.00	ND	92.95	87.95	NA	NA	NA		
	4/8/2016	4.65	ND	92.95	88.30	NA	NA	NA		
	5/24/2016	3.86	ND	92.95	89.09	NA	NA	NA		
	8/25/2016	5.00	ND	92.95	87.95	NA	NA	NA		
	11/16/2016	6.61	ND	92.95	86.34	NA	NA	NA		
	1/24/2017	4.28	ND	92.95	88.67	NA	NA	NA		
	4/27/2017	5.28	ND	92.95	87.67	NA	NA	NA		
	7/13/2017	6.20	ND	92.95	86.75	NA	NA	NA		
	10/25/2017	6.49	ND	92.95	86.46	NA	NA	NA		
	2/13/2018	4.15	ND	92.95	88.80	NA	NA	NA		
	4/27/2018	4.30	ND	92.95	88.65	NA	NA	NA		
	7/19/2018	6.10	ND	92.95	86.85	NA	NA	NA		
	9/6/2018	5.01	ND	92.95	87.94	NA	NA	NA		
	10/24/2018	5.25	ND	92.95	87.70	NA	NA	NA		
	1/22/2019	3.58	ND	92.95	89.37	NA	NA	NA		
	7/24/2019	4.21	ND	92.95	88.74	NA	NA	NA		
	4/23/2020	4.85	ND	92.95	88.10	NA	NA	NA		
MW-3 abandoned on May 5, 2020										
MW-4R	12/14/2011	6.97	6.97	93.05	86.08	86.08	86.08	0.00	Sheen	
	12/19/2011	9.65	9.65	93.05	83.40	83.40	83.40	0.00	Spotty Sheen	NM
	12/29/2011	11.16	11.16	93.05	81.89	81.89	81.89	0.00	sheen	
	1/5/2012	9.91	ND	93.05	83.14	NA	NA	NA	Moderate odor	

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Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	1/9/2012	9.50	9.50	93.05	83.55	83.55	83.55	0.00	Sheen	
	1/10/2012	9.34	9.34	93.05	83.71	83.71	83.71	0.00	Spotty Sheen	
	1/18/2012	9.84	ND	93.05	83.21	NA	NA	NA	Moderate odor	
	1/25/2012	9.72	ND	93.05	83.33	NA	NA	NA	Slight Odor	
	2/13/2012	9.91	ND	93.05	83.14	NA	NA	NA	Slight Odor	
	3/29/2012	7.66	ND	93.05	85.39	NA	NA	NA		
	4/11/2012	8.16	ND	93.05	84.89	NA	NA	NA	Slight Odor	
	5/8/2012*	9.78	ND	93.05	83.27	NA	NA	NA		
	6/7/2012*	10.09	ND	93.05	82.96	NA	NA	NA	Stinger depth: 12.20 ft.	
	7/6/2012*	9.61	ND	93.05	83.44	NA	NA	NA		
	8/14/2012	11.42	ND	93.05	81.63	NA	NA	NA		
	9/5/2012	11.72	ND	93.05	81.33	NA	NA	NA		
	10/5/2012*	10.30	ND	93.05	82.75	NA	NA	NA		
	11/13/2012	10.70	ND	93.05	82.35	NA	NA	NA		
	12/4/2012	11.85	ND	93.05	81.20	NA	NA	NA		
	1/9/2013	12.10	ND	93.05	80.95	NA	NA	NA		
	1/21/2013*	10.32	ND	93.05	82.73	NA	NA	NA		
	2/8/2013	11.34	ND	93.05	81.71	NA	NA	NA		
	3/8/2013	11.09	ND	93.05	81.96	NA	NA	NA		
	4/16/2013	12.25	ND	93.05	80.80	NA	NA	NA		
	5/3/2013	10.26	ND	93.05	82.79	NA	NA	NA		
	6/13/2013	8.60	ND	93.05	84.45	NA	NA	NA		
	7/11/2013	10.64	ND	93.05	82.41	NA	NA	NA		
	7/19/2013*	9.63	ND	93.05	83.42	NA	NA	NA		
	8/1/2013	12.12	ND	93.05	80.93	NA	NA	NA		
	9/5/2013	11.21	ND	93.05	81.84	NA	NA	NA		
	10/8/2013*	10.21	ND	93.05	82.84	NA	NA	NA		
	10/22/2013*	9.81	ND	93.05	83.24	NA	NA	NA		
	11/6/2013	10.91	ND	93.05	82.14	NA	NA	NA		
	12/16/2013	12.20	ND	93.05	80.85	NA	NA	NA		
	1/6/2014*	9.43	ND	93.05	83.62	NA	NA	NA		
	2/24/2014	11.60	ND	93.05	81.45	NA	NA	NA		
	3/10/2014	8.72	ND	93.05	84.33	NA	NA	NA		
	4/22/2014	11.55	ND	93.05	81.50	NA	NA	NA		
	5/7/2014	7.95	ND	93.05	85.10	NA	NA	NA		
	6/3/2014	11.60	ND	93.05	81.45	NA	NA	NA		
	7/3/2014	9.65	ND	93.05	83.40	NA	NA	NA		
	7/17/2014	7.40	ND	93.05	85.65	NA	NA	NA	Stinger Depth 11.15	
	8/25/2014	10.65	ND	93.05	82.40	NA	NA	NA		
	9/9/2014	11.87	ND	93.05	81.18	NA	NA	NA		
	10/8/2014	9.78	ND	93.05	83.27	NA	NA	NA		
	11/4/2014	10.93	ND	93.05	82.12	NA	NA	NA		
	12/1/2014	11.58	ND	93.05	81.47	NA	NA	NA		
	1/9/2015*	7.30	ND	93.05	85.75	NA	NA	NA		
	2/3/2015	12.02	ND	93.05	81.03	NA	NA	NA		
	3/17/2015	10.25	ND	93.05	82.80	NA	NA	NA		
	4/14/2015	10.00	ND	93.05	83.05	NA	NA	NA		
	4/15/2015*	7.30	ND	93.05	85.75	NA	NA	NA		
	5/12/2015	8.47	ND	93.05	84.58	NA	NA	NA		
	6/9/2015	8.49	ND	93.05	84.56	NA	NA	NA		
	7/7/2015	7.37	ND	93.05	85.68	NA	NA	NA		
	8/3/2015	12.50	ND	93.05	80.55	NA	NA	NA		
	9/2/2015	8.04	ND	93.05	85.01	NA	NA	NA		

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Gasoline Fueling Station – Royal Farms #64
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Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	10/20/2015	11.61	ND	93.05	81.44	NA	NA	NA		
	10/21/2015	10.35	ND	93.05	82.70	NA	NA	NA		
	11/3/2015	13.02	ND	93.05	80.03	NA	NA	NA		
	11/17/2015	7.70	ND	93.05	85.35	NA	NA	NA		
	12/3/2015	6.22	ND	93.05	86.83	NA	NA	NA		
	1/14/2016	6.07	ND	93.05	86.98	NA	NA	NA		
	2/10/2016	5.00	ND	93.05	88.05	NA	NA	NA		
	3/9/2016	5.93	ND	93.05	87.12	NA	NA	NA		
	4/8/2016	6.33	ND	93.05	86.72	NA	NA	NA		
	5/24/2016	5.64	ND	93.05	87.41	NA	NA	NA		
	8/25/2016	5.95	ND	93.05	87.10	NA	NA	NA		
	11/16/2016	7.36	ND	93.05	85.69	NA	NA	NA		
	1/24/2017	6.28	ND	93.05	86.77	NA	NA	NA		
	4/24/2017	6.22	ND	93.05	86.83	NA	NA	NA		
	7/13/2017	7.00	ND	93.05	86.05	NA	NA	NA		
	10/25/2017	7.28	ND	93.05	85.77	NA	NA	NA		
	2/13/2018	5.20	ND	93.05	87.85	NA	NA	NA		
	4/27/2018	5.00	ND	93.05	88.05	NA	NA	NA		
	7/19/2018	6.78	ND	93.05	86.27	NA	NA	NA	Slight Odor	
	9/6/2018	5.69	ND	93.05	87.36	NA	NA	NA		
	10/24/2018	5.82	ND	93.05	87.23	NA	NA	NA		
	1/22/2019	4.56	ND	93.05	88.49	NA	NA	NA		
	7/24/2019	5.50	ND	93.05	87.55	NA	NA	NA		
	4/23/2020	6.58	ND	93.05	86.47	NA	NA	NA		
	7/7/2020	3.88	ND	93.05	89.17	NA	NA	NA		
	10/8/2020	6.00	ND	93.05	87.05	NA	NA	NA		
	1/14/2021	5.40	ND	93.05	87.65	NA	NA	NA		
	4/8/2021	4.60	ND	93.05	88.45	NA	NA	NA		
	7/7/2021	5.71	ND	93.05	87.34	NA	NA	NA		
	10/7/2021	6.50	ND	93.05	86.55	NA	NA	NA		
	1/13/2022	6.78	ND	93.05	86.27	NA	NA	NA		
	4/6/2022	4.85	ND	93.05	88.20	NA	NA	NA		
	7/12/2022	4.03	ND	93.05	89.02	NA	NA	NA		
MW-5R	12/14/2011	4.95	ND	91.35	86.40	NA	NA	NA	Recovery Well	
	12/19/2011	8.19	ND	91.35	83.16	NA	NA	NA	stagnant odor	NM
	12/29/2011	8.58	8.58	91.35	82.77	82.77	82.77	0.00	thin sheen	
	1/5/2012	8.17	8.17	91.35	83.18	83.18	83.18	0.00	thin sheen	
	1/9/2012	8.19	8.19	91.35	83.16	83.16	83.16	0.00	Sheen	
	1/10/2012	7.55	7.55	91.35	83.80	83.80	83.80	0.00	Sheen	
	1/18/2012	8.51	ND	91.35	82.84	NA	NA	NA	stagnant odor	
	1/25/2012	8.23	ND	91.35	83.12	NA	NA	NA	Moderate odor	
	2/13/2012	8.12	ND	91.35	83.23	NA	NA	NA	Slight Odor	
	3/5/2012	8.79	ND	91.35	82.56	NA	NA	NA		
	3/29/2012	5.71	ND	91.35	85.64	NA	NA	NA		
	4/11/2012	6.31	6.31	91.35	85.04	85.04	85.04	0.00	Sheen	
	5/8/2012*	8.12	ND	91.35	83.23	NA	NA	NA	Slight Odor	
	5/15/2012	8.35	ND	91.35	83.00	NA	NA	NA		
	6/7/2012*	8.49	ND	91.35	82.86	NA	NA	NA	Stinger depth: 11.25 ft.	
	7/6/2012*	7.96	ND	91.35	83.39	NA	NA	NA		
	8/14/2012	10.90	ND	91.35	80.45	NA	NA	NA	Slight odor	
	9/5/2012	11.18	ND	91.35	80.17	NA	NA	NA		
	10/5/2012*	8.63	ND	91.35	82.72	NA	NA	NA		
	11/13/2012	8.97	ND	91.35	82.38	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	12/4/2012	11.09	ND	91.35	80.26	NA	NA	NA		
	1/9/2013	10.38	ND	91.35	80.97	NA	NA	NA		
	1/21/2013*	8.71	ND	91.35	82.64	NA	NA	NA		
	2/8/2013	13.41	ND	91.35	77.94	NA	NA	NA		
	3/8/2013	13.60	ND	91.35	77.75	NA	NA	NA		
	4/16/2013	13.57	ND	91.35	77.78	NA	NA	NA		
	5/3/2013	8.75	ND	91.35	82.60	NA	NA	NA		
	6/13/2013	7.35	ND	91.35	84.00	NA	NA	NA		
	7/11/2013	9.11	ND	91.35	82.24	NA	NA	NA		
	7/19/2013*	7.70	ND	91.35	83.65	NA	NA	NA		
	8/1/2013	10.65	ND	91.35	80.70	NA	NA	NA		
	9/5/2013	9.84	ND	91.35	81.51	NA	NA	NA		
	10/8/2013*	8.43	ND	91.35	82.92	NA	NA	NA		
	10/22/2013*	7.58	ND	91.35	83.77	NA	NA	NA		
	11/6/2013	9.28	ND	91.35	82.07	NA	NA	NA		
	12/16/2013	10.49	ND	91.35	80.86	NA	NA	NA		
	1/6/2014*	8.49	ND	91.35	82.86	NA	NA	NA		
	2/24/2014	9.46	ND	91.35	81.89	NA	NA	NA		
	3/10/2014	6.99	ND	91.35	84.36	NA	NA	NA		
	4/22/2014	9.79	ND	91.35	81.56	NA	NA	NA		
	5/7/2014	6.19	ND	91.35	85.16	NA	NA	NA		
	6/3/2014	9.62	ND	91.35	81.73	NA	NA	NA		
	7/3/2014	7.59	ND	91.35	83.76	NA	NA	NA		
	7/17/2014	5.30	ND	91.35	86.05	NA	NA	NA	Stinger Depth: 9.20	
	8/25/2014	8.92	ND	91.35	82.43	NA	NA	NA		
	9/9/2014	9.81	ND	91.35	81.54	NA	NA	NA		
	10/8/2014	8.02	ND	91.35	83.33	NA	NA	NA		
	11/4/2014	8.70	ND	91.35	82.65	NA	NA	NA		
	12/1/2014	8.98	ND	91.35	82.37	NA	NA	NA		
	1/9/2015*	5.29	ND	91.35	86.06	NA	NA	NA		
	2/3/2015	7.95	ND	91.35	83.40	NA	NA	NA		
	3/17/2015	7.31	ND	91.35	84.04	NA	NA	NA		
	4/14/2015	7.20	ND	91.35	84.15	NA	NA	NA		
	4/15/2015*	5.20	ND	91.35	86.15	NA	NA	NA		
	5/12/2015	6.54	ND	91.35	84.81	NA	NA	NA		
	6/9/2015	6.61	ND	91.35	84.74	NA	NA	NA		
	7/7/2015	5.36	ND	91.35	85.99	NA	NA	NA		
	8/3/2015	9.73	ND	91.35	81.62	NA	NA	NA		
	9/2/2015	6.06	ND	91.35	85.29	NA	NA	NA		
	10/20/2015	9.54	ND	91.35	81.81	NA	NA	NA		
	10/21/2015	8.64	ND	91.35	82.71	NA	NA	NA		
	11/3/2015	10.17	ND	91.35	81.18	NA	NA	NA		
	12/3/2015	4.21	ND	91.35	87.14	NA	NA	NA		
	1/14/2016	4.11	ND	91.35	87.24	NA	NA	NA		
	2/10/2016	2.81	ND	91.35	88.54	NA	NA	NA		
	3/9/2016	3.72	ND	91.35	87.63	NA	NA	NA		
	4/8/2016	4.13	ND	91.35	87.22	NA	NA	NA		
	5/24/2016	3.37	ND	91.35	87.98	NA	NA	NA		
	8/25/2016	3.93	ND	91.35	87.42	NA	NA	NA		
	11/16/2016	5.24	ND	91.35	86.11	NA	NA	NA		
	1/24/2017	4.03	ND	91.35	87.32	NA	NA	NA		
	4/27/2017	4.17	ND	91.35	87.18	NA	NA	NA		
	7/13/2017	5.00	ND	91.35	86.35	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	10/26/2017	5.22	ND	91.35	86.13	NA	NA	NA		
	2/13/2018	3.45	ND	91.35	87.90	NA	NA	NA		
	4/27/2018	2.25	ND	91.35	89.10	NA	NA	NA		
	7/19/2018	4.88	ND	91.35	86.47	NA	NA	NA		
	9/6/2018	3.73	ND	91.35	87.62	NA	NA	NA		
	10/24/2018	4.00	ND	91.35	87.35	NA	NA	NA		
	1/22/2019	2.29	ND	91.35	89.06	NA	NA	NA		
	7/24/2019	4.42	ND	91.35	86.93	NA	NA	NA		
	4/23/2020	3.59	ND	91.35	87.76	NA	NA	NA		
	7/7/2020	0.74	ND	91.35	90.61	NA	NA	NA		
	10/8/2020	3.96	ND	91.35	87.39	NA	NA	NA		
	1/14/2021	3.22	ND	91.35	88.13	NA	NA	NA	Strong odor	
	4/8/2021	2.87	ND	91.35	88.48	NA	NA	NA		
	7/7/2021	3.71	ND	91.35	87.64	NA	NA	NA		
	10/7/2021	5.45	ND	91.35	85.90	NA	NA	NA		
	1/13/2022	4.97	ND	91.35	86.38	NA	NA	NA		
	4/6/2022	1.32	ND	91.35	90.03	NA	NA	NA		
	7/12/2022	3.13	ND	91.35	88.22	NA	NA	NA		
MW-6	12/14/2011	12.91	ND	99.15	86.24	NA	NA	NA		
	12/15/2011	16.19	ND	99.15	82.96	NA	NA	NA		0.12
	12/16/2011	16.36	ND	99.15	82.79	NA	NA	NA	stagnant odor	0.11
	12/19/2011	16.02	ND	99.15	83.13	NA	NA	NA	stagnant odor	0.08
	12/20/2011	16.33	ND	99.15	82.82	NA	NA	NA	stagnant odor	0.10
	12/21/2011	16.39	ND	99.15	82.76	NA	NA	NA		0.06
	12/22/2011	16.15	ND	99.15	83.00	NA	NA	NA		0.08
	12/23/2011	16.54	ND	99.15	82.61	NA	NA	NA	Stagnant odor	0.16
	12/27/2011	15.89	ND	99.15	83.26	NA	NA	NA	Stagnant odor	0.05
	12/28/2011	16.43	ND	99.15	82.72	NA	NA	NA	stagnant odor	0.11
	12/29/2011	16.33	ND	99.15	82.82	NA	NA	NA	Slight Odor	0.07
	12/30/2011	16.27	ND	99.15	82.88	NA	NA	NA		0.06
	1/3/2012	16.00	ND	99.15	83.15	NA	NA	NA	Slight Odor	0.05
	1/5/2012	16.09	ND	99.15	83.06	NA	NA	NA		0.16
	1/9/2012	16.02	ND	99.15	83.13	NA	NA	NA		
	1/10/2012	14.67	ND	99.15	84.48	NA	NA	NA	stagnant odor	
	1/18/2012	16.19	16.19	99.15	82.96	82.96	82.96	0.00	thick sheen	
	1/25/2012	15.68	15.68	99.15	83.47	83.47	83.47	0.00	thick sheen	
	1/30/2012	15.56	15.56	99.15	83.59	83.59	83.59	0.00	Sheen	
	2/6/2012	15.68	15.68	99.15	83.47	83.47	83.47	0.00	Sheen	
	2/13/2012	15.79	15.79	99.15	83.36	83.36	83.36	0.00	Sheen	
	2/20/2012	15.96	15.96	99.15	83.19	83.19	83.19	0.00	Sheen	0.17
	2/28/2012	16.08	16.08	99.15	83.07	83.07	83.07	0.00	Sheen	0.09
	3/5/2012	15.83	15.82	99.15	83.32	83.33	83.33	0.01	Sheen	
	3/12/2012	15.84	15.84	99.15	83.31	83.31	83.31	0.00	Sheen	
	3/19/2012	15.82	15.82	99.15	83.33	83.33	83.33	0.00	Sheen	0.06
	3/29/2012	13.51	13.51	99.15	85.64	85.64	85.64	0.00	Sheen	
	4/2/2012	14.94	14.94	99.15	84.21	84.21	84.21	0.00	Sheen	
	4/10/2012	14.42	14.42	99.15	84.73	84.73	84.73	0.00	Sheen	
	4/16/2012	15.72	15.72	99.15	83.43	83.43	83.43	0.00	Sheen	0.08
	4/23/2012	15.42	15.42	99.15	83.73	83.73	83.73	0.00	Sheen	
	4/30/2012	15.74	15.74	99.15	83.41	83.41	83.41	0.00	Sheen	
	5/8/2012*	14.92	ND	99.15	84.23	NA	NA	NA	Slight Odor	
	5/15/2012	15.35	ND	99.15	83.80	NA	NA	NA	Moderate odor	
	5/21/2012	15.72	15.72	99.15	83.43	83.43	83.43	0.00	Sheen	0.07

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Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	5/31/2012	15.79	15.79	99.15	83.36	83.36	83.36	0.00	Sheen	
	6/7/2012*	15.13	15.12	99.15	84.02	84.03	84.03	0.01		
	6/11/2012	15.86	15.86	99.15	83.29	83.29	83.29	0.00	Sheen	0.15
	6/18/2012	15.87	15.86	99.15	83.28	83.29	83.29	0.01		
	6/25/2012	15.61	15.61	99.15	83.54	83.54	83.54	0.00	Sheen	
	7/6/2012*	14.78	14.76	99.15	84.37	84.39	84.38	0.02		
	7/10/2012	15.89	15.86	99.15	83.26	83.29	83.28	0.03		
	7/17/2012	15.96	15.94	99.15	83.19	83.21	83.20	0.02		0.03
	7/24/2012	15.96	15.95	99.15	83.19	83.20	83.20	0.01		
	7/31/2012	16.02	16.01	99.15	83.13	83.14	83.14	0.01		
	8/7/2012	16.12	16.10	99.15	83.03	83.05	83.04	0.02	Used for Recovery**	
	8/14/2012	16.19	16.19	99.15	82.96	82.96	82.96	0.00	Used for Recovery**	
	8/21/2012	16.61	ND	99.15	82.54	NA	NA	NA	Strong odor	
	8/28/2012	14.84	ND	99.15	84.31	NA	NA	NA	Used for Recovery**	
	9/5/2012	16.13	ND	99.15	83.02	NA	NA	NA	Used for Recovery**	
	9/13/2012	16.86	ND	99.15	82.29	NA	NA	NA	No odor	
	9/18/2012	15.74	ND	99.15	83.41	NA	NA	NA	Moderate odor	
	9/26/2012	16.20	ND	99.15	82.95	NA	NA	NA	Slight Odor	
	10/5/2012*	15.66	ND	99.15	83.49	NA	NA	NA	Moderate odor	
	10/9/2012	NG	NG	99.15	NA	NA	NA	NA	Used for Recovery**	
	10/11/2012	16.44	ND	99.15	82.71	NA	NA	NA	Slight Odor	0.04
	10/16/2012	16.15	ND	99.15	83.00	NA	NA	NA	Slight Odor	
	10/22/2012	16.46	ND	99.15	82.69	NA	NA	NA	Slight Odor	
	10/31/2012	14.18	ND	99.15	84.97	NA	NA	NA	Strong odor	
	11/7/2012	15.30	ND	99.15	83.85	NA	NA	NA		
	11/13/2012	15.75	ND	99.15	83.40	NA	NA	NA		0.02
	11/21/2012	16.27	ND	99.15	82.88	NA	NA	NA		
	11/27/2012	16.21	ND	99.15	82.94	NA	NA	NA		
	12/4/2012	16.45	ND	99.15	82.70	NA	NA	NA	Used for Recovery**	
	12/13/2012	16.52	ND	99.15	82.63	NA	NA	NA		
	12/21/2012	16.45	ND	99.15	82.70	NA	NA	NA		
	12/28/2012	15.27	ND	99.15	83.88	NA	NA	NA		
	1/4/2013	15.65	ND	99.15	83.50	NA	NA	NA		0.02
	1/9/2013	15.81	ND	99.15	83.34	NA	NA	NA		
	1/16/2013	14.40	ND	99.15	84.75	NA	NA	NA		
	1/21/2013*	14.54	ND	99.15	84.61	NA	NA	NA		
	2/8/2013	14.89	ND	99.15	84.26	NA	NA	NA		0.00
	3/8/2013	14.14	ND	99.15	85.01	NA	NA	NA	Used for Recovery**	
	3/21/2013	NG	NG	99.15	NA	NA	NA	NA	Used for Recovery**	
	4/16/2013	19.58	19.58	99.15	79.57	79.57	79.57	0.00	Sheen	0.00
	4/17/2013*	14.76	ND	99.15	84.39	NA	NA	NA	Strong odor	
	5/3/2013	16.19	16.19	99.15	82.96	82.96	82.96	0.00	Used for Recovery**	
	5/3/2013	15.34	ND	99.15	83.81	NA	NA	NA	Strong odor	0.00
	6/13/2013	10.85	ND	99.15	88.30	NA	NA	NA	Strong odor	0.00
	7/11/2013	15.30	ND	99.15	83.85	NA	NA	NA	Slight odor	0.02
	7/19/2013*	14.35	ND	99.15	84.80	NA	NA	NA		
	8/1/2013	16.13	ND	99.15	83.02	NA	NA	NA	Moderate odor	0.00
	9/5/2013	16.10	ND	99.15	83.05	NA	NA	NA	Slight Odor	
	10/7/2013	16.05	ND	99.15	83.10	NA	NA	NA		
	10/8/2013*	15.44	ND	99.15	83.71	NA	NA	NA	Moderate odor	
	10/22/2013*	14.81	ND	99.15	84.34	NA	NA	NA	Strong odor	
	11/6/2013	16.30	16.30	99.15	82.85	82.85	82.85	0.00	Sheen	0.00
	12/4/2013	16.50	16.50	99.15	82.65	82.65	82.65	0.00	Sheen	0.03

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
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Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure	
	1/6/2014*	14.09	16.50	99.15	85.06	NA	NA	NA	Strong odor		
	2/24/2014	14.27	ND	99.15	84.88	NA	NA	NA			
	3/10/2014	14.04	ND	99.15	85.11	NA	NA	NA	Moderate odor	0.0	
	3/12/2014	MW-6 converted to a recovery well (hooked into the remediation system)							Stinger depth - 18.75 ft		
	4/22/2014	18.14	ND	99.15	81.01	NA	NA	NA			
	5/7/2014	13.06	ND	99.15	86.09	NA	NA	NA			
	6/3/2014	7.07	ND	99.15	92.08	NA	NA	NA			
	7/3/2014	15.25	ND	99.15	83.90	NA	NA	NA	3/4 Open		
	7/17/2014	12.73	ND	99.15	86.42	NA	NA	NA	Stinger Depth: 18.20		
	8/25/2014	NG	ND	99.15	NG	NA	NA	NA	3/4 Open		
	9/9/2014	17.08	ND	99.15	82.07	NA	NA	NA			
	10/8/2014	14.38	ND	99.15	84.77	NA	NA	NA			
	11/4/2014	6.91	ND	99.15	92.24	NA	NA	NA	3/4 Open		
	12/1/2014	17.31	ND	99.15	81.84	NA	NA	NA			
	1/9/2015*	12.03	ND	99.15	87.12	NA	NA	NA			
	2/3/2015	17.00	ND	99.15	82.15	NA	NA	NA			
	3/17/2015	15.78	ND	99.15	83.37	NA	NA	NA			
	4/14/2015	13.95	ND	99.15	85.20	NA	NA	NA			
	4/15/2015*	12.53	ND	99.15	86.62	NA	NA	NA			
	5/12/2015	13.81	ND	99.15	85.34	NA	NA	NA			
	6/9/2015	14.00	ND	99.15	85.15	NA	NA	NA			
	7/7/2015	12.08	ND	99.15	87.07	NA	NA	NA			
	8/3/2015	17.84	ND	99.15	81.31	NA	NA	NA			
	9/2/2015	13.24	ND	99.15	85.91	NA	NA	NA			
	10/20/2015	16.95	ND	99.15	82.20	NA	NA	NA			
	10/21/2015	14.69	ND	99.15	84.46	NA	NA	NA			
	11/3/2015	10.87	ND	99.15	88.28	NA	NA	NA			
	11/17/2015	14.15	ND	99.15	85.00	NA	NA	NA			
	12/3/2015	10.35	ND	99.15	88.80	NA	NA	NA			
	1/14/2016	9.53	ND	99.15	89.62	NA	NA	NA			
	2/10/2016	8.19	ND	99.15	90.96	NA	NA	NA			
	3/9/2016	10.10	ND	99.15	89.05	NA	NA	NA			
	4/8/2016	10.95	ND	99.15	88.20	NA	NA	NA			
	5/24/2016	10.03	ND	99.15	89.12	NA	NA	NA			
	8/25/2016	11.65	ND	99.15	87.50	NA	NA	NA			
	11/16/2016	13.04	ND	99.15	86.11	NA	NA	NA			
	1/24/2017	11.55	ND	99.15	87.60	NA	NA	NA			
	4/27/2017	12.00	ND	99.15	87.15	NA	NA	NA			
	7/13/2017	12.65	ND	99.15	86.50	NA	NA	NA			
	10/26/2017	12.80	ND	99.15	86.35	NA	NA	NA			
	2/13/2018	10.85	ND	99.15	88.30	NA	NA	NA			
	4/27/2018	10.84	ND	99.15	88.31	NA	NA	NA			
	7/19/2018	12.56	ND	99.15	86.59	NA	NA	NA			
	9/6/2018	9.95	ND	99.15	89.20	NA	NA	NA			
	10/24/2018	8.00	ND	99.15	91.15	NA	NA	NA			
	1/22/2019	7.85	ND	99.15	91.30	NA	NA	NA			
	7/24/2019	4.20	ND	99.15	94.95	NA	NA	NA			
	4/23/2020	8.52	ND	99.15	90.63	NA	NA	NA			
MW-6 abandoned on May 5, 2020											
MW-7R	12/14/2011	12.88	ND	99.38	86.50	NA	NA	NA	Recovery Well		
	12/19/2011	15.27	ND	99.38	84.11	NA	NA	NA			
	12/29/2011	16.55	ND	99.38	82.83	NA	NA	NA			
	1/5/2012	16.18	ND	99.38	83.20	NA	NA	NA			

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
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Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	1/9/2012	16.39	ND	99.38	82.99	NA	NA	NA	stagnant odor	
	1/10/2012	15.27	ND	99.38	84.11	NA	NA	NA	Slight Odor	
	1/18/2012	16.31	ND	99.38	83.07	NA	NA	NA	Stagnant odor	
	1/25/2012	15.57	ND	99.38	83.81	NA	NA	NA		
	2/13/2012	16.59	ND	99.38	82.79	NA	NA	NA		
	3/5/2012	18.00	ND	99.38	81.38	NA	NA	NA		
	3/29/2012	13.68	ND	99.38	85.70	NA	NA	NA	Slight Odor	
	4/11/2012	15.12	ND	99.38	84.26	NA	NA	NA	Slight Odor	
	5/8/2012*	15.98	ND	99.38	83.40	NA	NA	NA		
	5/15/2012	20.10	ND	99.38	79.28	NA	NA	NA		
	6/7/2012*	16.81	ND	99.38	82.57	NA	NA	NA	Stinger depth - 20.25 ft	
	7/6/2012*	16.20	ND	99.38	83.18	NA	NA	NA	Slight Odor	
	8/14/2012	20.20	ND	99.38	79.18	NA	NA	NA		
	9/5/2012	18.30	ND	99.38	81.08	NA	NA	NA		
	10/5/2012*	16.15	ND	99.38	83.23	NA	NA	NA		
	11/13/2012	13.59	ND	99.38	85.79	NA	NA	NA		
	12/4/2012	15.96	ND	99.38	83.42	NA	NA	NA		
	1/9/2013	14.37	ND	99.38	85.01	NA	NA	NA		
	1/21/2013*	13.09	ND	99.38	86.29	NA	NA	NA		
	2/8/2013	14.30	ND	99.38	85.08	NA	NA	NA		
	3/8/2013	13.62	ND	99.38	85.76	NA	NA	NA		
	4/16/2013	13.99	ND	99.38	85.39	NA	NA	NA		
	5/3/2013	13.65	ND	99.38	85.73	NA	NA	NA		
	6/13/2013	11.80	ND	99.38	87.58	NA	NA	NA		
	7/11/2013	19.68	ND	99.38	79.70	NA	NA	NA		
	7/19/2013*	14.26	ND	99.38	85.12	NA	NA	NA		
	8/1/2013	15.57	ND	99.38	83.81	NA	NA	NA		
	9/5/2013	16.23	ND	99.38	83.15	NA	NA	NA		
	10/8/2013*	15.46	ND	99.38	83.92	NA	NA	NA		
	10/22/2013*	14.21	ND	99.38	85.17	NA	NA	NA		
	11/6/2013	19.30	ND	99.38	80.08	NA	NA	NA		
	12/16/2013	10.20	ND	99.38	89.18	NA	NA	NA		
	1/6/2014*	13.04	ND	99.38	86.34	NA	NA	NA		
	2/24/2014	11.27	ND	99.38	88.11	NA	NA	NA		
	3/10/2014	12.11	ND	99.38	87.27	NA	NA	NA		
	4/22/2014	13.15	ND	99.38	86.23	NA	NA	NA		
	5/7/2014	8.84	ND	99.38	90.54	NA	NA	NA		
	6/3/2014	14.30	ND	99.38	85.08	NA	NA	NA		
	7/3/2014	11.51	ND	99.38	87.87	NA	NA	NA		
	7/17/2014	12.09	ND	99.38	87.29	NA	NA	NA	Stinger Depth: 17.20	
	8/25/2014	11.81	ND	99.38	87.57	NA	NA	NA		
	9/9/2014	12.20	ND	99.38	87.18	NA	NA	NA		
	10/8/2014	15.59	ND	99.38	83.79	NA	NA	NA		
	11/4/2014	14.87	ND	99.38	84.51	NA	NA	NA		
	12/1/2014	14.70	ND	99.38	84.68	NA	NA	NA		
	1/9/2015*	10.15	ND	99.38	89.23	NA	NA	NA		
	2/3/2015	12.05	ND	99.38	87.33	NA	NA	NA		
	3/17/2015	10.75	ND	99.38	88.63	NA	NA	NA		
	4/14/2015	11.81	ND	99.38	87.57	NA	NA	NA		
	4/15/2015*	11.60	ND	99.38	87.78	NA	NA	NA		
	5/12/2015	12.09	ND	99.38	87.29	NA	NA	NA		
	6/9/2015	18.34	ND	99.38	81.04	NA	NA	NA		
	7/7/2015	10.80	ND	99.38	88.58	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	8/3/2015	15.65	ND	99.38	83.73	NA	NA	NA		
	9/2/2015	12.48	ND	99.38	86.90	NA	NA	NA		
	10/20/2015	15.91	ND	99.38	83.47	NA	NA	NA		0.00
	10/21/2015	15.85	ND	99.38	83.53	NA	NA	NA		
	11/3/2015	16.73	ND	99.38	82.65	NA	NA	NA		0.00
	11/17/2015	15.12	ND	99.38	84.26	NA	NA	NA		
	12/3/2015	10.88	ND	99.38	88.50	NA	NA	NA		
	1/14/2016	9.50	ND	99.38	89.88	NA	NA	NA		
	2/10/2016	7.31	ND	99.38	92.07	NA	NA	NA		
	3/9/2016	8.82	ND	99.38	90.56	NA	NA	NA		
	4/8/2016	9.28	ND	99.38	90.10	NA	NA	NA		
	5/24/2016	8.48	ND	99.38	90.90	NA	NA	NA		
	8/25/2016	9.65	ND	99.38	89.73	NA	NA	NA		
	1/24/2017	9.89	ND	99.38	89.49	NA	NA	NA		
	4/27/2017	9.98	ND	99.38	89.40	NA	NA	NA		
	7/13/2017	10.66	ND	99.38	88.72	NA	NA	NA		
	10/25/2017	11.15	ND	99.38	88.23	NA	NA	NA		
	2/13/2018	9.23	ND	99.38	90.15	NA	NA	NA		
	4/27/2018	7.81	ND	99.38	91.57	NA	NA	NA		
	7/19/2018	10.22	ND	99.38	89.16	NA	NA	NA		
	9/6/2018	8.89	ND	99.38	90.49	NA	NA	NA		
	10/24/2018	8.68	ND	99.38	90.70	NA	NA	NA		
	1/22/2019	6.69	ND	99.38	92.69	NA	NA	NA		
	7/24/2019	8.41	ND	99.38	90.97	NA	NA	NA		
	4/23/2020	8.21	ND	99.38	91.17	NA	NA	NA		
	7/7/2020	7.72	ND	99.38	91.66	NA	NA	NA		
	10/8/2020	8.97	ND	99.38	90.41	NA	NA	NA		
	1/14/2021	7.80	ND	99.38	91.58	NA	NA	NA		
	4/8/2021	7.12	ND	99.38	92.26	NA	NA	NA		
	7/7/2021	9.22	ND	99.38	90.16	NA	NA	NA		
	10/7/2021	9.45	ND	99.38	89.93	NA	NA	NA		
	1/13/2022	10.51	ND	99.38	88.87	NA	NA	NA		
	4/6/2022	9.81	ND	99.38	89.57	NA	NA	NA		
	7/12/2022	8.40	ND	99.38	90.98	NA	NA	NA		
MW-8R	12/14/2011	12.11	ND	99.22	87.11	NA	NA	NA	Recovery Well	
	12/19/2011	15.33	ND	99.22	83.89	NA	NA	NA	stagnant odor	
	12/29/2011	16.54	ND	99.22	82.68	NA	NA	NA		
	1/5/2012	16.37	ND	99.22	82.85	NA	NA	NA		
	1/9/2012	16.44	ND	99.22	82.78	NA	NA	NA		
	1/10/2012	15.24	ND	99.22	83.98	NA	NA	NA		
	1/18/2012	16.77	ND	99.22	82.45	NA	NA	NA		
	1/25/2012	16.54	ND	99.22	82.68	NA	NA	NA		
	2/13/2012	16.76	ND	99.22	82.46	NA	NA	NA		
	3/29/2012	12.98	ND	99.22	86.24	NA	NA	NA		
	4/11/2012	13.55	ND	99.22	85.67	NA	NA	NA		
	5/8/2012*	15.75	ND	99.22	83.47	NA	NA	NA		
	6/7/2012*	15.97	ND	99.22	83.25	NA	NA	NA	Stinger depth - 18.75 ft	
	7/6/2012*	15.34	ND	99.22	83.88	NA	NA	NA		
	8/14/2012	16.85	ND	99.22	82.37	NA	NA	NA		
	9/5/2012	16.89	ND	99.22	82.33	NA	NA	NA		
	10/5/2012*	16.37	ND	99.22	82.85	NA	NA	NA		
	11/13/2012	16.77	ND	99.22	82.45	NA	NA	NA		
	12/4/2012	17.53	ND	99.22	81.69	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	1/9/2013	17.86	ND	99.22	81.36	NA	NA	NA		
	1/21/2013*	16.58	ND	99.22	82.64	NA	NA	NA		
	2/8/2013	16.94	ND	99.22	82.28	NA	NA	NA		
	3/8/2013	16.59	ND	99.22	82.63	NA	NA	NA		
	4/16/2013	16.46	ND	99.22	82.76	NA	NA	NA		
	5/3/2013	15.67	ND	99.22	83.55	NA	NA	NA		
	6/13/2013	15.30	ND	99.22	83.92	NA	NA	NA		
	7/11/2013	15.85	ND	99.22	83.37	NA	NA	NA		
	7/19/2013*	15.05	ND	99.22	84.17	NA	NA	NA		
	8/1/2013	17.30	ND	99.22	82.95	NA	NA	NA		
	9/5/2013	16.84	ND	99.22	83.41	NA	NA	NA		
	10/8/2013*	15.94	ND	99.22	83.28	NA	NA	NA		
	10/22/2013*	15.11	ND	99.22	84.11	NA	NA	NA		
	11/6/2013	16.71	ND	99.22	82.51	NA	NA	NA		
	12/16/2013	11.15	ND	99.22	88.07	NA	NA	NA		
	1/6/2014*	16.74	ND	99.22	82.48	NA	NA	NA		
	2/24/2014	15.50	ND	99.22	83.72	NA	NA	NA		
	3/10/2014	14.80	ND	99.22	84.42	NA	NA	NA		
	4/22/2014	16.96	ND	99.22	82.26	NA	NA	NA		
	5/7/2014	12.58	ND	99.22	86.64	NA	NA	NA		
	6/3/2014	16.62	ND	99.22	82.60	NA	NA	NA		
	7/3/2014	13.75	ND	99.22	85.47	NA	NA	NA		
	7/17/2014	12.64	ND	99.22	86.58	NA	NA	NA		
	8/25/2014	14.15	ND	99.22	85.07	NA	NA	NA	No Pipe	
	9/9/2014	15.20	ND	99.22	84.02	NA	NA	NA		
	10/8/2014	15.51	ND	99.22	83.71	NA	NA	NA		
	11/4/2014	15.70	ND	99.22	83.52	NA	NA	NA		
	12/1/2014	16.01	ND	99.22	83.21	NA	NA	NA		
	1/7/2015	13.75	ND	99.22	85.47	NA	NA	NA		
	1/9/2015*	12.45	ND	99.22	86.77	NA	NA	NA		
	2/3/2015	15.07	ND	99.22	84.15	NA	NA	NA		0.0
	3/17/2015	14.12	ND	99.22	85.10	NA	NA	NA		0.0
	4/14/2015	17.03	ND	99.22	82.19	NA	NA	NA		
	4/15/2015*	12.27	ND	99.22	86.95	NA	NA	NA		
	5/12/2015	13.81	ND	99.22	85.41	NA	NA	NA		
	6/9/2015	14.09	ND	99.22	85.13	NA	NA	NA		
	7/7/2015	12.63	ND	99.22	86.59	NA	NA	NA		
	8/3/2015	18.53	ND	99.22	80.69	NA	NA	NA		
	9/2/2015	NG	ND	99.22	#VALUE!	NA	NA	NA		
	10/20/2015	NG	ND	99.22	#VALUE!	NA	NA	NA		
	10/21/2015	NG	ND	99.22	#VALUE!	NA	NA	NA		
	11/3/2015	NG	ND	99.22	#VALUE!	NA	NA	NA		
	11/17/2015	15.40	ND	99.22	83.82	NA	NA	NA		
	12/3/2015	11.72	ND	99.22	87.50	NA	NA	NA		
	1/14/2016	11.23	ND	99.22	87.99	NA	NA	NA		
	2/10/2016	10.09	ND	99.22	89.13	NA	NA	NA		
	3/9/2016	10.79	ND	99.22	88.43	NA	NA	NA		
	4/8/2016	10.47	ND	99.22	88.75	NA	NA	NA		
	5/24/2016	9.58	ND	99.22	89.64	NA	NA	NA		
	8/25/2016	11.18	ND	99.22	88.04	NA	NA	NA		
	1/24/2017	11.66	ND	99.22	87.56	NA	NA	NA		
	4/27/2017	11.22	ND	99.22	88.00	NA	NA	NA		
	7/13/2017	11.72	ND	99.22	87.50	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	10/25/2017	12.80	ND	99.22	86.42	NA	NA	NA		
	2/13/2018	11.15	ND	99.22	88.07	NA	NA	NA		
	4/27/2018	10.34	ND	99.22	88.88	NA	NA	NA		
	7/19/2018	11.40	ND	99.22	87.82	NA	NA	NA		
	9/6/2018	10.37	ND	99.22	88.85	NA	NA	NA		
	10/24/2018	10.22	ND	99.22	89.00	NA	NA	NA		
	1/22/2019	8.50	ND	99.22	90.72	NA	NA	NA		
	7/24/2019	9.92	ND	99.22	89.30	NA	NA	NA		
	4/23/2020	10.02	ND	99.22	89.20	NA	NA	NA		
	7/7/2020	9.48	ND	99.22	89.74	NA	NA	NA		
	10/8/2020	10.79	ND	99.22	88.43	NA	NA	NA		
	1/14/2021	9.91	ND	99.22	89.31	NA	NA	NA	Slight Odor	
	4/8/2021	9.57	ND	99.22	89.65	NA	NA	NA		
	7/7/2021	10.60	ND	99.22	88.62	NA	NA	NA		
	10/7/2021	11.35	ND	99.22	87.87	NA	NA	NA		
	1/13/2022	11.09	ND	99.22	88.13	NA	NA	NA		
	4/6/2022	11.10	ND	99.22	88.12	NA	NA	NA		
	7/12/2022	10.05	ND	99.22	89.17	NA	NA	NA		
MW-9	12/14/2011	13.23	ND	100.25	87.02	NA	NA	NA		
	12/15/2011	18.19	ND	100.25	82.06	NA	NA	NA		0.10
	12/16/2011	18.41	ND	100.25	81.84	NA	NA	NA		0.21
	12/19/2011	17.72	ND	100.25	82.53	NA	NA	NA		0.06
	12/20/2011	17.88	ND	100.25	82.37	NA	NA	NA	stagnant odor	0.27
	12/21/2011	17.96	ND	100.25	82.29	NA	NA	NA		0.22
	12/22/2011	17.58	ND	100.25	82.67	NA	NA	NA	Slight Odor	0.24
	12/23/2011	18.95	ND	100.25	81.30	NA	NA	NA		0.53
	12/27/2011	17.47	ND	100.25	82.78	NA	NA	NA		0.26
	12/28/2011	18.92	ND	100.25	81.33	NA	NA	NA		0.44
	12/29/2011	18.64	ND	100.25	81.61	NA	NA	NA		0.37
	12/30/2011	18.24	ND	100.25	82.01	NA	NA	NA		0.12
	1/3/2012	17.83	ND	100.25	82.42	NA	NA	NA		0.32
	1/5/2012	17.82	ND	100.25	82.43	NA	NA	NA		0.97
	1/9/2012	17.94	ND	100.25	82.31	NA	NA	NA		
	1/10/2012	15.79	ND	100.25	84.46	NA	NA	NA		
	1/18/2012	18.29	ND	100.25	81.96	NA	NA	NA		
	1/25/2012	17.02	ND	100.25	83.23	NA	NA	NA		
	1/30/2012	16.82	ND	100.25	83.43	NA	NA	NA		
	2/6/2012	16.83	ND	100.25	83.42	NA	NA	NA		
	2/13/2012	17.07	ND	100.25	83.18	NA	NA	NA		
	2/20/2012	17.39	ND	100.25	82.86	NA	NA	NA		0.48
	2/28/2012	17.42	ND	100.25	82.83	NA	NA	NA		0.21
	3/5/2012	17.19	ND	100.25	83.06	NA	NA	NA		
	3/12/2012	17.08	ND	100.25	83.17	NA	NA	NA		
	3/19/2012	16.96	ND	100.25	83.29	NA	NA	NA		0.11
	3/29/2012	14.02	ND	100.25	86.23	NA	NA	NA		
	4/2/2012	15.89	ND	100.25	84.36	NA	NA	NA		
	4/10/2012	15.12	ND	100.25	85.13	NA	NA	NA		
	4/16/2012	17.04	ND	100.25	83.21	NA	NA	NA		0.08
	4/23/2012	16.59	ND	100.25	83.66	NA	NA	NA		
	4/30/2012	17.19	ND	100.25	83.06	NA	NA	NA		
	5/8/2012*	15.99	ND	100.25	84.26	NA	NA	NA		
	5/15/2012	16.69	ND	100.25	83.56	NA	NA	NA		
	5/21/2012	17.03	ND	100.25	83.22	NA	NA	NA		0.68

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	5/31/2012	17.04	ND	100.25	83.21	NA	NA	NA		
	6/7/2012*	16.81	ND	100.25	83.44	NA	NA	NA		
	6/11/2012	17.11	ND	100.25	83.14	NA	NA	NA		0.44
	6/18/2012	17.80	ND	100.25	82.45	NA	NA	NA		
	6/25/2012	16.74	ND	100.25	83.51	NA	NA	NA		
	7/6/2012*	15.82	ND	100.25	84.43	NA	NA	NA		
	7/10/2012	17.08	ND	100.25	83.17	NA	NA	NA		
	7/17/2012	17.20	ND	100.25	83.05	NA	NA	NA		0.00
	7/24/2012	17.21	ND	100.25	83.04	NA	NA	NA		
	7/31/2012	17.07	ND	100.25	83.18	NA	NA	NA		
	8/7/2012	17.54	ND	100.25	82.71	NA	NA	NA		0.18
	8/14/2012	17.58	ND	100.25	82.67	NA	NA	NA		
	8/21/2012	17.96	ND	100.25	82.29	NA	NA	NA		
	8/28/2012	16.57	ND	100.25	83.68	NA	NA	NA		
	9/5/2012	17.64	ND	100.25	82.61	NA	NA	NA		< 0.00
	9/13/2012	18.93	ND	100.25	81.32	NA	NA	NA		
	9/18/2012	18.86	ND	100.25	81.39	NA	NA	NA		
	9/26/2012	17.40	ND	100.25	82.85	NA	NA	NA		
	10/5/2012*	16.53	ND	100.25	83.72	NA	NA	NA		
	10/11/2012	18.47	ND	100.25	81.78	NA	NA	NA		< 0.00
	10/16/2012	17.42	ND	100.25	82.83	NA	NA	NA		
	10/22/2012	17.68	ND	100.25	82.57	NA	NA	NA		
	10/31/2012	16.80	ND	100.25	83.45	NA	NA	NA		
	11/7/2012	15.30	ND	100.25	84.95	NA	NA	NA		
	11/13/2012	17.50	ND	100.25	82.75	NA	NA	NA		0.20
	11/21/2012	17.79	ND	100.25	82.46	NA	NA	NA		
	11/27/2012	17.87	ND	100.25	82.38	NA	NA	NA		
	12/4/2012	18.04	ND	100.25	82.21	NA	NA	NA		0.34
	12/13/2012	18.02	ND	100.25	82.23	NA	NA	NA		
	12/21/2012	18.03	ND	100.25	82.22	NA	NA	NA		
	12/28/2012	18.09	ND	100.25	82.16	NA	NA	NA		
	1/4/2013	18.10	ND	100.25	82.15	NA	NA	NA		0.42
	1/9/2013	18.14	ND	100.25	82.11	NA	NA	NA		
	1/16/2013	17.35	ND	100.25	82.90	NA	NA	NA		
	1/21/2013*	16.59	ND	100.25	83.66	NA	NA	NA		
	2/8/2013	17.62	ND	100.25	82.63	NA	NA	NA		0.20
	3/8/2013	17.07	ND	100.25	83.18	NA	NA	NA		0.25
	4/16/2013	21.03	ND	100.25	79.22	NA	NA	NA	Slight odor	0.02
	4/17/2013*	15.95	ND	100.25	84.30	NA	NA	NA		
	5/3/2013	16.51	ND	100.25	83.74	NA	NA	NA		0.00
	6/13/2013	15.92	ND	100.25	84.33	NA	NA	NA	Slight odor	0.02
	7/11/2013	16.66	ND	100.25	83.59	NA	NA	NA		0.00
	7/19/2013*	15.58	ND	100.25	84.67	NA	NA	NA		
	8/1/2013	17.59	ND	100.25	82.66	NA	NA	NA		0.00
	9/5/2013	17.21	ND	100.25	83.04	NA	NA	NA		
	10/7/2013	16.97	ND	100.25	83.28	NA	NA	NA		0.00
	10/8/2013*	16.48	ND	100.25	83.77	NA	NA	NA		
	10/22/2013*	15.85	ND	100.25	84.40	NA	NA	NA		
	11/6/2013	18.06	ND	100.25	82.19	NA	NA	NA		0.00
	12/4/2013	17.93	ND	100.25	82.32	NA	NA	NA		0.06
	1/6/2014*	16.40	ND	100.25	83.85	NA	NA	NA		
	2/24/2014	17.50	ND	100.25	82.75	NA	NA	NA		
	3/10/2014	17.11	ND	100.25	83.14	NA	NA	NA		0.00

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	4/22/2014	17.73	ND	100.25	82.52	NA	NA	NA		0.00
	4/23/2014*	16.12	ND	100.25	84.13	NA	NA	NA		
	5/7/2014	15.60	ND	100.25	84.65	NA	NA	NA		
	6/3/2014	17.65	ND	100.25	82.60	NA	NA	NA		
	7/3/2014	14.93	ND	100.25	85.32	NA	NA	NA		0.14
	7/17/2014	14.22	ND	100.25	86.03	NA	NA	NA		
	8/25/2014	12.10	ND	100.25	88.15	NA	NA	NA		0.08
	9/9/2014	16.90	ND	100.25	83.35	NA	NA	NA		0.00
	10/7/2014	17.18	ND	100.25	83.07	NA	NA	NA		0.08
	10/8/2014*	16.15	ND	100.25	84.10	NA	NA	NA		
	11/4/2014	16.75	ND	100.25	83.50	NA	NA	NA		
	12/1/2014	16.85	ND	100.25	83.40	NA	NA	NA		0.02
	1/7/2015	15.80	ND	100.25	84.45	NA	NA	NA		
	1/9/2015*	14.02	ND	100.25	86.23	NA	NA	NA	Slight odor	
	2/3/2015	16.27	ND	100.25	83.98	NA	NA	NA		0.00
	3/17/2015	15.50	ND	100.25	84.75	NA	NA	NA		0.00
	4/14/2015	15.45	ND	100.25	84.80	NA	NA	NA		
	4/15/2015*	13.90	ND	100.25	86.35	NA	NA	NA		
	5/12/2015	15.75	ND	100.25	84.50	NA	NA	NA		0.00
	6/9/2015	15.87	ND	100.25	84.38	NA	NA	NA		0.02
	7/7/2015	13.99	ND	100.25	86.26	NA	NA	NA		0.10
	8/3/2015	19.11	ND	100.25	81.14	NA	NA	NA		0.78
	9/2/2015	14.59	ND	100.25	85.66	NA	NA	NA		
	10/20/2015	16.87	ND	100.25	83.38	NA	NA	NA		0.14
	10/21/2015	16.47	ND	100.25	83.78	NA	NA	NA		
	11/3/2015	18.85	ND	100.25	81.40	NA	NA	NA		0.65
	12/3/2015	13.50	ND	100.25	86.75	NA	NA	NA		
	1/14/2016	13.05	ND	100.25	87.20	NA	NA	NA		
	2/10/2016	12.25	ND	100.25	88.00	NA	NA	NA		
	3/9/2016	12.76	ND	100.25	87.49	NA	NA	NA		
	4/8/2016	12.85	ND	100.25	87.40	NA	NA	NA		
	5/24/2016	12.42	ND	100.25	87.83	NA	NA	NA		
	8/25/2016	13.28	ND	100.25	86.97	NA	NA	NA		
	11/16/2016	14.31	ND	100.25	85.94	NA	NA	NA		
	1/24/2017	13.20	ND	100.25	87.05	NA	NA	NA		
	4/27/2017	13.48	ND	100.25	86.77	NA	NA	NA		
	7/13/2017	14.11	ND	100.25	86.14	NA	NA	NA		
	10/25/2017	14.15	ND	100.25	86.10	NA	NA	NA		
	2/13/2018	13.40	ND	100.25	86.85	NA	NA	NA		
	4/27/2018	12.94	ND	100.25	87.31	NA	NA	NA		
	7/19/2018	14.02	ND	100.25	86.23	NA	NA	NA	Slight odor	
	9/6/2018	13.04	ND	100.25	87.21	NA	NA	NA		
	10/24/2018	13.08	ND	100.25	87.17	NA	NA	NA		
	1/22/2019	12.44	ND	100.25	87.81	NA	NA	NA		
	7/24/2019	12.83	ND	100.25	87.42	NA	NA	NA		
	4/23/2020	12.99	ND	100.25	87.26	NA	NA	NA		
MW-9 abandoned on May 5, 2020										
MW-10	12/14/2011	2.80	ND	89.17	86.37	NA	NA	NA		2.00
	12/15/2011	6.71	ND	89.17	82.46	NA	NA	NA		0.20
	12/16/2011	6.86	ND	89.17	82.31	NA	NA	NA	stagnant odor	0.14
	12/19/2011	6.77	ND	89.17	82.40	NA	NA	NA	stagnant odor	0.02
	12/20/2011	7.06	ND	89.17	82.11	NA	NA	NA	metallic odor	0.10
	12/21/2011	7.27	ND	89.17	81.90	NA	NA	NA	stagnant odor	0.07

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	12/22/2011	7.21	ND	89.17	81.96	NA	NA	NA	stagnant odor	0.05
	12/23/2011	7.37	ND	89.17	81.80	NA	NA	NA	stagnant odor	1.40
	12/27/2011	6.78	ND	89.17	82.39	NA	NA	NA	stagnant odor	0.13
	12/28/2011	7.19	ND	89.17	81.98	NA	NA	NA	stagnant odor	1.70
	12/29/2011	7.24	ND	89.17	81.93	NA	NA	NA	stagnant odor	0.81
	12/30/2011	7.38	ND	89.17	81.79	NA	NA	NA	stagnant odor	0.42
	1/3/2012	7.04	ND	89.17	82.13	NA	NA	NA	stagnant odor	0.17
	1/5/2012	7.09	ND	89.17	82.08	NA	NA	NA	stagnant odor	0.09
	1/9/2012	7.02	ND	89.17	82.15	NA	NA	NA	stagnant odor	
	1/10/2012	5.16	ND	89.17	84.01	NA	NA	NA	Stagnant odor	
	1/18/2012	7.35	ND	89.17	81.82	NA	NA	NA	Stagnant odor	
	1/25/2012	7.07	ND	89.17	82.10	NA	NA	NA	Stagnant odor	
	1/30/2012	7.15	ND	89.17	82.02	NA	NA	NA		
	2/6/2012	7.41	ND	89.17	81.76	NA	NA	NA	Slight odor	
	2/13/2012	7.57	ND	89.17	81.60	NA	NA	NA	Moderate odor	
	2/20/2012	7.93	ND	89.17	81.24	NA	NA	NA		0.07
	2/28/2012	8.12	ND	89.17	81.05	NA	NA	NA	Slight odor	0.13
	3/5/2012	7.47	ND	89.17	81.70	NA	NA	NA		
	3/12/2012	7.83	ND	89.17	81.34	NA	NA	NA		
	3/19/2012	7.78	ND	89.17	81.39	NA	NA	NA		< 0.00
	3/29/2012	3.50	ND	89.17	85.67	NA	NA	NA		
	4/2/2012	6.28	ND	89.17	82.89	NA	NA	NA		
	4/10/2012	5.81	ND	89.17	83.36	NA	NA	NA		
	4/16/2012	7.57	ND	89.17	81.60	NA	NA	NA		0.05
	4/23/2012	7.02	ND	89.17	82.15	NA	NA	NA		
	4/30/2012	7.62	ND	89.17	81.55	NA	NA	NA		
	5/8/2012*	5.71	ND	89.17	83.46	NA	NA	NA		
	5/15/2012	6.74	ND	89.17	82.43	NA	NA	NA		
	5/21/2012	7.33	ND	89.17	81.84	NA	NA	NA		1.40
	5/31/2012	7.21	ND	89.17	81.96	NA	NA	NA		
	6/7/2012*	6.08	ND	89.17	83.09	NA	NA	NA		
	6/11/2012	7.54	ND	89.17	81.63	NA	NA	NA		< 0.00
	6/18/2012	7.48	ND	89.17	81.69	NA	NA	NA		
	6/25/2012	6.95	ND	89.17	82.22	NA	NA	NA		
	7/6/2012*	5.45	ND	89.17	83.72	NA	NA	NA		
	7/10/2012	7.46	ND	89.17	81.71	NA	NA	NA		
	7/17/2012	7.56	ND	89.17	81.61	NA	NA	NA		< 0.00
	7/24/2012	7.51	ND	89.17	81.66	NA	NA	NA		
	7/31/2012	7.21	ND	89.17	81.96	NA	NA	NA		
	8/7/2012	7.53	ND	89.17	81.64	NA	NA	NA		< 0.00
	8/14/2012	7.56	ND	89.17	81.61	NA	NA	NA		
	8/21/2012	8.23	ND	89.17	80.94	NA	NA	NA		
	8/28/2012	5.96	ND	89.17	83.21	NA	NA	NA		
	9/5/2012	7.87	ND	89.17	81.30	NA	NA	NA		< 0.00
	9/13/2012	8.42	ND	89.17	80.75	NA	NA	NA		
	9/18/2012	8.25	ND	89.17	80.92	NA	NA	NA		
	9/26/2012	8.26	ND	89.17	80.91	NA	NA	NA		
	10/5/2012*	6.28	ND	89.17	82.89	NA	NA	NA		
	10/11/2012	7.98	ND	89.17	81.19	NA	NA	NA		< 0.00
	10/16/2012	7.89	ND	89.17	81.28	NA	NA	NA		
	10/22/2012	8.00	ND	89.17	81.17	NA	NA	NA		
	10/31/2012	5.79	ND	89.17	83.38	NA	NA	NA		
	11/7/2012	7.07	ND	89.17	82.10	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	11/13/2012	7.92	ND	89.17	81.25	NA	NA	NA		0.22
	11/21/2012	8.22	ND	89.17	80.95	NA	NA	NA		
	11/27/2012	8.36	ND	89.17	80.81	NA	NA	NA		
	12/4/2012	8.49	ND	89.17	80.68	NA	NA	NA		0.03
	12/13/2012	8.38	ND	89.17	80.79	NA	NA	NA		
	12/21/2012	8.66	ND	89.17	80.51	NA	NA	NA		
	12/28/2012	8.43	ND	89.17	80.74	NA	NA	NA		
	1/4/2013	8.67	ND	89.17	80.50	NA	NA	NA		0.42
	1/9/2013	8.72	ND	89.17	80.45	NA	NA	NA		
	1/16/2013	8.78	ND	89.17	80.39	NA	NA	NA		
	1/21/2013*	6.24	ND	89.17	82.93	NA	NA	NA		
	2/8/2013	8.24	ND	89.17	80.93	NA	NA	NA		0.00
	3/8/2013	7.32	ND	89.17	81.85	NA	NA	NA		0.42
	4/16/2013	7.61	ND	89.17	81.56	NA	NA	NA		0.03
	4/17/2013*	5.62	ND	89.17	83.55	NA	NA	NA		
	5/3/2013	6.55	ND	89.17	82.62	NA	NA	NA		0.32
	6/13/2013	6.60	ND	89.17	82.57	NA	NA	NA		0.01
	7/11/2013	7.03	ND	89.17	82.14	NA	NA	NA		0.00
	7/19/2013*	5.12	ND	89.17	84.05	NA	NA	NA		
	8/1/2013	8.33	ND	89.17	80.84	NA	NA	NA		0.02
	9/5/2013	7.63	ND	89.17	81.54	NA	NA	NA		
	10/7/2013	7.68	ND	89.17	81.49	NA	NA	NA		0.00
	10/8/2013*	6.20	ND	89.17	82.97	NA	NA	NA		
	10/22/2013*	5.62	ND	89.17	83.55	NA	NA	NA		
	11/6/2013	7.31	ND	89.17	81.86	NA	NA	NA		0.00
	12/4/2013	8.10	ND	89.17	81.07	NA	NA	NA		0.23
	1/6/2014*	6.20	ND	89.17	82.97	NA	NA	NA		
	2/24/2014	6.68	ND	89.17	82.49	NA	NA	NA		
	3/10/2014	5.39	ND	89.17	83.78	NA	NA	NA		3.3
	4/22/2014	8.02	ND	89.17	81.15	NA	NA	NA		0.0
	4/23/2014*	5.92	ND	89.17	83.25	NA	NA	NA		
	5/7/2014	2.43	ND	89.17	86.74	NA	NA	NA		4.5
	6/3/2014	7.92	ND	89.17	81.25	NA	NA	NA		
	7/3/2014	5.01	ND	89.17	84.16	NA	NA	NA		0.0
	7/17/2014	3.38	ND	89.17	85.79	NA	NA	NA		
	8/25/2014	9.30	ND	89.17	79.87	NA	NA	NA		0.14
	9/9/2014	6.90	ND	89.17	82.27	NA	NA	NA		0.08
	10/7/2014	7.28	ND	89.17	81.89	NA	NA	NA		
	10/8/2014*	5.90	ND	89.17	83.27	NA	NA	NA		
	11/4/2014	6.60	ND	89.17	82.57	NA	NA	NA		
	12/1/2014	6.50	ND	89.17	82.67	NA	NA	NA		
	1/7/2015	4.30	ND	89.17	84.87	NA	NA	NA		
	1/9/2015*	3.09	ND	89.17	86.08	NA	NA	NA		
	2/3/2015	5.86	ND	89.17	83.31	NA	NA	NA		0.00
	3/17/2015	5.08	ND	89.17	84.09	NA	NA	NA		-0.18
	4/14/2015	4.98	ND	89.17	84.19	NA	NA	NA		
	4/15/2015*	3.05	ND	89.17	86.12	NA	NA	NA		
	5/12/2015	4.21	ND	89.17	84.96	NA	NA	NA		0.00
	6/9/2015	5.12	ND	89.17	84.05	NA	NA	NA		0.12
	7/7/2015	3.22	ND	89.17	85.95	NA	NA	NA		2.40
	8/3/2015	7.50	ND	89.17	81.67	NA	NA	NA		0.00
	9/2/2015	3.98	ND	89.17	85.19	NA	NA	NA		
	10/20/2015	7.35	ND	89.17	81.82	NA	NA	NA		0.00

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Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	10/21/2015	6.28	ND	89.17	82.89	NA	NA	NA		
	11/3/2015	7.81	ND	89.17	81.36	NA	NA	NA		0.00
	12/3/2015	2.44	ND	89.17	86.73	NA	NA	NA		
	1/14/2016	2.10	ND	89.17	87.07	NA	NA	NA		
	2/10/2016	0.50	ND	89.17	88.67	NA	NA	NA		
	3/9/2016	1.31	ND	89.17	87.86	NA	NA	NA		
	4/8/2016	1.39	ND	89.17	87.78	NA	NA	NA		
	5/24/2016	1.90	ND	89.17	87.27	NA	NA	NA		
	8/25/2016	1.75	ND	89.17	87.42	NA	NA	NA		
	11/16/2016	3.20	ND	89.17	85.97	NA	NA	NA		
	1/24/2017	2.55	ND	89.17	86.62	NA	NA	NA		
	4/27/2017	2.37	ND	89.17	86.80	NA	NA	NA		
	7/13/2017	3.00	ND	89.17	86.17	NA	NA	NA		
	10/25/2017	3.25	ND	89.17	85.92	NA	NA	NA		
	2/13/2018	1.70	ND	89.17	87.47	NA	NA	NA		
	4/27/2018	1.34	ND	89.17	87.83	NA	NA	NA		
	7/19/2018	2.88	ND	89.17	86.29	NA	NA	NA		
	9/6/2018	1.25	ND	89.17	87.92	NA	NA	NA		
	10/24/2018	1.90	ND	89.17	87.27	NA	NA	NA		
	1/22/2019	0.90	ND	89.17	88.27	NA	NA	NA		
	7/24/2019	2.20	ND	89.17	86.97	NA	NA	NA		
	4/23/2020	1.80	ND	89.17	87.37	NA	NA	NA		
MW-10 abandoned on May 5, 2020										
MW-11	12/14/2011	5.10	ND	90.51	85.41	NA	NA	NA		3.30
	12/15/2011	7.77	ND	90.51	82.74	NA	NA	NA		0.34
	12/16/2011	8.02	ND	90.51	82.49	NA	NA	NA		0.00
	12/19/2011	7.82	ND	90.51	82.69	NA	NA	NA		0.52
	12/20/2011	8.11	ND	90.51	82.40	NA	NA	NA	Slight Odor	0.35
	12/21/2011	8.39	ND	90.51	82.12	NA	NA	NA		0.19
	12/22/2011	9.62	ND	90.51	80.89	NA	NA	NA		-0.02
	12/23/2011	8.42	ND	90.51	82.09	NA	NA	NA		0.60
	12/27/2011	8.30	ND	90.51	82.21	NA	NA	NA		-0.02
	12/28/2011	8.63	ND	90.51	81.88	NA	NA	NA		-0.02
	12/29/2011	8.27	ND	90.51	82.24	NA	NA	NA		0.24
	12/30/2011	8.42	ND	90.51	82.09	NA	NA	NA		0.23
	1/3/2012	8.59	ND	90.51	81.92	NA	NA	NA		-0.02
	1/5/2012	8.34	ND	90.51	82.17	NA	NA	NA		0.50
	1/9/2012	8.46	ND	90.51	82.05	NA	NA	NA		
	1/10/2012	7.45	ND	90.51	83.06	NA	NA	NA		
	1/18/2012	8.72	ND	90.51	81.79	NA	NA	NA		
	1/25/2012	8.76	ND	90.51	81.75	NA	NA	NA		
	1/30/2012	8.60	ND	90.51	81.91	NA	NA	NA		
	2/6/2012	9.12	ND	90.51	81.39	NA	NA	NA		
	2/13/2012	9.34	ND	90.51	81.17	NA	NA	NA		
	2/20/2012	9.72	ND	90.51	80.79	NA	NA	NA		0.04
	2/28/2012	9.90	ND	90.51	80.61	NA	NA	NA		0.21
	3/5/2012	9.16	ND	90.51	81.35	NA	NA	NA		
	3/12/2012	9.43	ND	90.51	81.08	NA	NA	NA		
	3/19/2012	9.42	ND	90.51	81.09	NA	NA	NA		0.49
	3/29/2012	6.09	ND	90.51	84.42	NA	NA	NA		
	4/2/2012	7.50	ND	90.51	83.01	NA	NA	NA		
	4/10/2012	7.04	ND	90.51	83.47	NA	NA	NA		
	4/16/2012	9.08	ND	90.51	81.43	NA	NA	NA	Slight odor	0.42

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Gasoline Fueling Station – Royal Farms #64
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Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	4/23/2012	8.70	ND	90.51	81.81	NA	NA	NA		
	4/30/2012	9.20	ND	90.51	81.31	NA	NA	NA		
	5/8/2012*	7.94	ND	90.51	82.57	NA	NA	NA		
	5/15/2012	8.28	ND	90.51	82.23	NA	NA	NA		
	5/21/2012	9.05	ND	90.51	81.46	NA	NA	NA		0.06
	5/31/2012	8.90	ND	90.51	81.61	NA	NA	NA		
	6/7/2012*	7.92	ND	90.51	82.59	NA	NA	NA		
	6/11/2012	9.12	ND	90.51	81.39	NA	NA	NA		0.03
	6/18/2012	9.09	ND	90.51	81.42	NA	NA	NA		
	6/25/2012	8.53	ND	90.51	81.98	NA	NA	NA		
	7/6/2012*	7.71	ND	90.51	82.80	NA	NA	NA		
	7/10/2012	9.07	ND	90.51	81.44	NA	NA	NA		
	7/17/2012	9.10	ND	90.51	81.41	NA	NA	NA		< 0.00
	7/24/2012	9.22	ND	90.51	81.29	NA	NA	NA		
	7/31/2012	9.05	ND	90.51	81.46	NA	NA	NA		
	8/7/2012	9.21	ND	90.51	81.30	NA	NA	NA		0.05
	8/14/2012	9.28	ND	90.51	81.23	NA	NA	NA		
	8/21/2012	9.97	ND	90.51	80.54	NA	NA	NA		
	8/28/2012	7.62	ND	90.51	82.89	NA	NA	NA		
	9/5/2012	9.55	ND	90.51	80.96	NA	NA	NA		0.05
	9/13/2012	9.97	ND	90.51	80.54	NA	NA	NA		
	9/18/2012	9.86	ND	90.51	80.65	NA	NA	NA		
	9/26/2012	9.89	ND	90.51	80.62	NA	NA	NA		
	10/5/2012*	8.02	ND	90.51	82.49	NA	NA	NA		
	10/11/2012	9.59	ND	90.51	80.92	NA	NA	NA		0.21
	10/16/2012	9.51	ND	90.51	81.00	NA	NA	NA		
	10/22/2012	9.70	ND	90.51	80.81	NA	NA	NA		
	10/31/2012	8.36	ND	90.51	82.15	NA	NA	NA		
	11/7/2012	8.67	ND	90.51	81.84	NA	NA	NA		
	11/13/2012	9.64	ND	90.51	80.87	NA	NA	NA	stagnant odor	0.28
	11/21/2012	9.90	ND	90.51	80.61	NA	NA	NA		
	11/27/2012	10.02	ND	90.51	80.49	NA	NA	NA		
	12/4/2012	10.12	ND	90.51	80.39	NA	NA	NA		0.19
	12/13/2012	10.12	ND	90.51	80.39	NA	NA	NA		
	12/21/2012	10.43	ND	90.51	80.08	NA	NA	NA		
	12/28/2012	10.41	ND	90.51	80.10	NA	NA	NA		
	1/4/2013	10.32	ND	90.51	80.19	NA	NA	NA		0.62
	1/9/2013	10.35	ND	90.51	80.16	NA	NA	NA		
	1/16/2013	9.54	ND	90.51	80.97	NA	NA	NA		
	1/21/2013*	8.23	ND	90.51	82.28	NA	NA	NA		
	2/8/2013	9.66	ND	90.51	80.85	NA	NA	NA		0.28
	3/8/2013	8.99	ND	90.51	81.52	NA	NA	NA		0.00
	4/16/2013	9.08	ND	90.51	81.43	NA	NA	NA		0.25
	4/17/13*	7.87	ND	90.51	82.64	NA	NA	NA		
	5/3/2013	7.95	ND	90.51	82.56	NA	NA	NA		0.45
	6/13/2013	7.16	ND	90.51	83.35	NA	NA	NA		0.22
	7/11/2013	8.53	ND	90.51	81.98	NA	NA	NA		0.00
	7/19/2013*	7.57	ND	90.51	82.94	NA	NA	NA		
	8/1/2013	9.98	ND	90.51	80.53	NA	NA	NA		0.20
	9/5/2013	9.28	ND	90.51	81.23	NA	NA	NA		
	10/7/2013	9.38	ND	90.51	81.13	NA	NA	NA		0.00
	10/8/2013*	7.95	ND	90.51	82.56	NA	NA	NA		
	10/22/2013*	7.65	ND	90.51	82.86	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	11/6/2013	8.86	ND	90.51	81.65	NA	NA	NA		0.80
	12/4/2013	9.70	ND	90.51	80.81	NA	NA	NA		0.04
	1/6/2014*	7.87	ND	90.51	82.64	NA	NA	NA		
	2/24/2014	8.09	ND	90.51	82.42	NA	NA	NA		
	3/10/2014	7.12	ND	90.51	83.39	NA	NA	NA		0.0
	4/22/2014	9.25	ND	90.51	81.26	NA	NA	NA		0.5
	4/23/2014*	8.04	ND	90.51	82.47	NA	NA	NA		
	5/7/2014	4.03	ND	90.51	86.48	NA	NA	NA		0.0
	6/3/2014	9.43	ND	90.51	81.08	NA	NA	NA		
	7/3/2014	5.49	ND	90.51	85.02	NA	NA	NA		1.5
	7/17/2014	5.67	ND	90.51	84.84	NA	NA	NA		
	8/25/2014	8.88	ND	90.51	81.63	NA	NA	NA		0.84
	9/9/2014	8.50	ND	90.51	82.01	NA	NA	NA		0.0
	10/7/2014	8.96	ND	90.51	81.55	NA	NA	NA		
	10/8/2014*	7.74	ND	90.51	82.77	NA	NA	NA		
	11/4/2014	8.26	ND	90.51	82.25	NA	NA	NA		
	12/1/2014	7.90	ND	90.51	82.61	NA	NA	NA		
	1/7/2015	6.57	ND	90.51	83.94	NA	NA	NA		0.0
	1/9/2015*	5.22	ND	90.51	85.29	NA	NA	NA		
	2/3/2015	6.70	ND	90.51	83.81	NA	NA	NA		0.0
	3/17/2015	6.75	ND	90.51	83.76	NA	NA	NA	positive pressur	
	4/14/2015	5.59	ND	90.51	84.92	NA	NA	NA		
	4/15/2015*	5.40	ND	90.51	85.11	NA	NA	NA		
	5/12/2015	5.84	ND	90.51	84.67	NA	NA	NA		2.00
	6/9/2015	5.83	ND	90.51	84.68	NA	NA	NA		0.95
	7/7/2015	5.51	ND	90.51	85.00	NA	NA	NA		0.85
	8/3/2015	9.02	ND	90.51	81.49	NA	NA	NA		-0.10
	9/2/2015	6.29	ND	90.51	84.22	NA	NA	NA		
	10/20/2015	8.90	ND	90.51	81.61	NA	NA	NA		0.00
	10/21/2015	7.93	ND	90.51	82.58	NA	NA	NA		
	11/3/2015	9.37	ND	90.51	81.14	NA	NA	NA		0.00
	12/3/2015	5.56	ND	90.51	84.95	NA	NA	NA	positive pressur	
	1/14/2016	3.14	ND	90.51	87.37	NA	NA	NA		
	2/10/2016	3.30	ND	90.51	87.21	NA	NA	NA		
	3/9/2016	3.42	ND	90.51	87.09	NA	NA	NA		
	4/8/2016	3.45	ND	90.51	87.06	NA	NA	NA		
	5/24/2016	4.13	ND	90.51	86.38	NA	NA	NA		
	8/25/2016	4.05	ND	90.51	86.46	NA	NA	NA		
	11/16/2016	4.82	ND	90.51	85.69	NA	NA	NA		
	1/24/2017	3.97	ND	90.51	86.54	NA	NA	NA		
	4/27/2017	3.67	ND	90.51	86.84	NA	NA	NA		
	7/13/2017	5.40	ND	90.51	85.11	NA	NA	NA		
	10/25/2017	5.87	ND	90.51	84.64	NA	NA	NA		
	2/13/2018	3.00	ND	90.51	87.51	NA	NA	NA		
	4/27/2018	3.68	ND	90.51	86.83	NA	NA	NA		
	7/19/2018	4.38	ND	90.51	86.13	NA	NA	NA		
	9/6/2018	3.05	ND	90.51	87.46	NA	NA	NA		
	10/24/2018	3.32	ND	90.51	87.19	NA	NA	NA		
	1/22/2019	2.79	ND	90.51	87.72	NA	NA	NA		
	7/24/2019	3.50	ND	90.51	87.01	NA	NA	NA		
	4/23/2020	3.17	ND	90.51	87.34	NA	NA	NA		

MW-11 abandoned on May 5, 2020

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
MW-12	12/14/2011	5.91	ND	93.12	87.21	NA	NA	NA		
	12/15/2011	7.05	ND	93.12	86.07	NA	NA	NA		1.50
	12/16/2011	7.33	ND	93.12	85.79	NA	NA	NA		2.25
	12/19/2011	7.88	ND	93.12	85.24	NA	NA	NA		0.21
	12/20/2011	7.96	ND	93.12	85.16	NA	NA	NA		0.31
	12/21/2011	8.03	ND	93.12	85.09	NA	NA	NA		0.22
	12/22/2011	8.10	ND	93.12	85.02	NA	NA	NA		0.25
	12/23/2011	7.67	ND	93.12	85.45	NA	NA	NA		-0.02
	12/27/2011	7.77	ND	93.12	85.35	NA	NA	NA		0.08
	12/28/2011	7.60	ND	93.12	85.52	NA	NA	NA		-0.02
	12/29/2011	7.43	ND	93.12	85.69	NA	NA	NA		-0.01
	12/30/2011	7.52	ND	93.12	85.60	NA	NA	NA		0.53
	1/3/2012	8.01	ND	93.12	85.11	NA	NA	NA		0.26
	1/5/2012	8.12	ND	93.12	85.00	NA	NA	NA		0.38
	1/9/2012	8.32	ND	93.12	84.80	NA	NA	NA		
	1/10/2012	8.06	ND	93.12	85.06	NA	NA	NA		
	1/18/2012	8.22	ND	93.12	84.90	NA	NA	NA		
	1/25/2012	8.42	ND	93.12	84.70	NA	NA	NA		
	1/30/2012	8.18	ND	93.12	84.94	NA	NA	NA		
	2/6/2012	8.55	ND	93.12	84.57	NA	NA	NA		
	2/13/2012	8.73	ND	93.12	84.39	NA	NA	NA		
	2/20/2012	8.84	ND	93.12	84.28	NA	NA	NA		0.02
	2/28/2012	9.03	ND	93.12	84.09	NA	NA	NA		0.09
	3/5/2012	8.00	ND	93.12	85.12	NA	NA	NA		
	3/12/2012	8.50	ND	93.12	84.62	NA	NA	NA		
	3/19/2012	8.74	ND	93.12	84.38	NA	NA	NA		0.19
	3/29/2012	7.59	ND	93.12	85.53	NA	NA	NA		
	4/2/2012	8.25	ND	93.12	84.87	NA	NA	NA		
	4/10/2012	8.18	ND	93.12	84.94	NA	NA	NA		
	4/16/2012	8.77	ND	93.12	84.35	NA	NA	NA		0.11
	4/23/2012	8.92	ND	93.12	84.20	NA	NA	NA		
	4/30/2012	9.10	ND	93.12	84.02	NA	NA	NA		
	5/8/2012*	8.90	ND	93.12	84.22	NA	NA	NA		
	5/15/2012	8.81	ND	93.12	84.31	NA	NA	NA		
	5/21/2012	8.98	ND	93.12	84.14	NA	NA	NA		0.03
	5/31/2012	9.00	ND	93.12	84.12	NA	NA	NA		
	6/7/2012*	8.65	ND	93.12	84.47	NA	NA	NA		
	6/11/2012	9.10	ND	93.12	84.02	NA	NA	NA		0.01
	6/18/2012	9.13	ND	93.12	83.99	NA	NA	NA		
	6/25/2012	9.06	ND	93.12	84.06	NA	NA	NA		
	7/6/2012*	8.93	ND	93.12	84.19	NA	NA	NA		
	7/10/2012	9.17	ND	93.12	83.95	NA	NA	NA		
	7/17/2012	9.29	ND	93.12	83.83	NA	NA	NA		0.02
	7/24/2012	8.81	ND	93.12	84.31	NA	NA	NA		
	7/31/2012	9.00	ND	93.12	84.12	NA	NA	NA		
	8/7/2012	9.07	ND	93.12	84.05	NA	NA	NA		0.05
	8/14/2012	9.10	ND	93.12	84.02	NA	NA	NA		
	8/21/2012	9.30	ND	93.12	83.82	NA	NA	NA		
	8/28/2012	8.56	ND	93.12	84.56	NA	NA	NA		
	9/5/2012	9.02	ND	93.12	84.10	NA	NA	NA		0.06
	9/13/2012	9.39	ND	93.12	83.73	NA	NA	NA		
	9/18/2012	9.44	ND	93.12	83.68	NA	NA	NA		
	9/26/2012	9.46	ND	93.12	83.66	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	10/5/2012*	9.42	ND	93.12	83.70	NA	NA	NA		
	10/11/2012	9.52	ND	93.12	83.60	NA	NA	NA		0.05
	10/16/2012	9.65	ND	93.12	83.47	NA	NA	NA		
	10/22/2012	9.79	ND	93.12	83.33	NA	NA	NA		
	10/31/2012	8.01	ND	93.12	85.11	NA	NA	NA		
	11/7/2012	8.23	ND	93.12	84.89	NA	NA	NA		
	11/13/2012	8.63	ND	93.12	84.49	NA	NA	NA		0.08
	11/21/2012	8.98	ND	93.12	84.14	NA	NA	NA		
	11/27/2012	9.22	ND	93.12	83.90	NA	NA	NA		
	12/4/2012	9.38	ND	93.12	83.74	NA	NA	NA		0.04
	12/13/2012	9.59	ND	93.12	83.53	NA	NA	NA		
	12/21/2012	9.54	ND	93.12	83.58	NA	NA	NA		
	12/28/2012	8.73	ND	93.12	84.39	NA	NA	NA		
	1/4/2013	8.63	ND	93.12	84.49	NA	NA	NA		0.05
	1/9/2013	8.88	ND	93.12	84.24	NA	NA	NA		
	1/16/2013	8.78	ND	93.12	84.34	NA	NA	NA		
	1/21/2013*	7.94	ND	93.12	85.18	NA	NA	NA		
	2/8/2013	8.03	ND	93.12	85.09	NA	NA	NA		0.12
	3/8/2013	7.45	ND	93.12	85.67	NA	NA	NA		0.00
	4/16/2013	8.22	ND	93.12	84.90	NA	NA	NA		0.11
	4/17/2013*	8.03	ND	93.12	85.09	NA	NA	NA		
	5/3/2013	8.19	ND	93.12	84.93	NA	NA	NA		0.03
	6/13/2013	6.51	ND	93.12	86.61	NA	NA	NA		0.10
	7/11/2013	8.14	ND	93.12	84.98	NA	NA	NA		0.00
	7/19/2013*	8.09	ND	93.12	85.03	NA	NA	NA		
	8/1/2013	8.88	ND	93.12	84.24	NA	NA	NA		0.00
	9/5/2013	9.35	ND	93.12	83.77	NA	NA	NA		
	10/7/2013	9.65	ND	93.12	83.47	NA	NA	NA		0.00
	10/8/2013*	9.56	ND	93.12	83.56	NA	NA	NA		
	10/22/2013*	8.41	ND	93.12	84.71	NA	NA	NA		
	11/6/2013	9.10	ND	93.12	84.02	NA	NA	NA		0.00
	12/4/2013	9.24	ND	93.12	83.88	NA	NA	NA		0.00
	1/6/2014*	7.46	ND	93.12	85.66	NA	NA	NA		
	2/24/2014	6.31	ND	93.12	86.81	NA	NA	NA		
	3/10/2014	6.42	ND	93.12	86.70	NA	NA	NA		0.0
	4/22/2014	7.05	ND	93.12	86.07	NA	NA	NA		0.0
	4/23/2014*	6.98	ND	93.12	86.14	NA	NA	NA		
	5/7/2014	4.77	ND	93.12	88.35	NA	NA	NA		0.0
	6/3/2014	8.31	ND	93.12	84.81	NA	NA	NA		
	7/3/2014	6.53	ND	93.12	86.59	NA	NA	NA		0.02
	7/17/2014	6.89	ND	93.12	86.23	NA	NA	NA		
	8/25/2014	8.62	ND	93.12	84.50	NA	NA	NA		0.02
	9/9/2014	8.47	ND	93.12	84.65	NA	NA	NA		0.02
	10/7/2014	9.27	ND	93.12	83.85	NA	NA	NA		
	10/8/2014*	9.20	ND	93.12	83.92	NA	NA	NA		
	11/4/2014	8.98	ND	93.12	84.14	NA	NA	NA		
	12/1/2014	8.56	ND	93.12	84.56	NA	NA	NA		
	1/7/2015	6.50	ND	93.12	86.62	NA	NA	NA		
	1/9/2015*	6.35	ND	93.12	86.77	NA	NA	NA		
	2/3/2015	7.19	ND	93.12	85.93	NA	NA	NA		0.00
	3/17/2015	5.70	ND	93.12	87.42	NA	NA	NA		positive pressur
	4/14/2015	6.62	ND	93.12	86.50	NA	NA	NA		
	4/15/2015*	6.42	ND	93.12	86.70	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	5/12/2015	6.94	ND	93.12	86.18	NA	NA	NA		0.00
	6/9/2015	7.81	ND	93.12	85.31	NA	NA	NA		0.00
	7/7/2015	5.86	ND	93.12	87.26	NA	NA	NA		0.00
	8/3/2015	8.47	ND	93.12	84.65	NA	NA	NA		0.00
	9/2/2015	7.52	ND	93.12	85.60	NA	NA	NA		
	10/20/2015	8.70	ND	93.12	84.42	NA	NA	NA		0.00
	10/21/2015	8.68	ND	93.12	84.44	NA	NA	NA		
	11/3/2015	9.15	ND	93.12	83.97	NA	NA	NA		0.00
	12/3/2015	6.39	ND	93.12	86.73	NA	NA	NA	positive pressur	
	1/14/2016	4.85	ND	93.12	88.27	NA	NA	NA		
	2/10/2016	4.18	ND	93.12	88.94	NA	NA	NA		
	3/9/2016	5.04	ND	93.12	88.08	NA	NA	NA		
	4/8/2016	5.44	ND	93.12	87.68	NA	NA	NA		
	5/24/2016	4.56	ND	93.12	88.56	NA	NA	NA		
	8/25/2016	5.15	ND	93.12	87.97	NA	NA	NA		
	11/16/2016	6.98	ND	93.12	86.14	NA	NA	NA		
	1/24/2017	5.14	ND	93.12	87.98	NA	NA	NA		
	4/27/2017	5.61	ND	93.12	87.51	NA	NA	NA		
	7/13/2017	6.60	ND	93.12	86.52	NA	NA	NA		
	10/25/2017	6.96	ND	93.12	86.16	NA	NA	NA		
	2/13/2018	4.31	ND	93.12	88.81	NA	NA	NA		
	4/27/2018	4.88	ND	93.12	88.24	NA	NA	NA		
	7/19/2018	6.40	ND	93.12	86.72	NA	NA	NA		
	9/6/2018	5.05	ND	93.12	88.07	NA	NA	NA		
	10/24/2018	5.40	ND	93.12	87.72	NA	NA	NA		
	1/22/2019	3.92	ND	93.12	89.20	NA	NA	NA		
	7/24/2019	5.61	ND	93.12	87.51	NA	NA	NA		
	4/23/2020	5.05	ND	93.12	88.07	NA	NA	NA		
MW-12 abandoned on May 5, 2020										
MW-13	12/14/2011	10.51	ND	99.80	89.29	NA	NA	NA		
	12/15/2011	13.01	ND	99.80	86.79	NA	NA	NA		0.00
	12/16/2011	13.17	ND	99.80	86.63	NA	NA	NA		0.06
	12/19/2011	12.99	ND	99.80	86.81	NA	NA	NA		0.03
	12/20/2011	13.16	ND	99.80	86.64	NA	NA	NA		0.07
	12/21/2011	13.25	ND	99.80	86.55	NA	NA	NA		0.03
	12/22/2011	13.04	ND	99.80	86.76	NA	NA	NA		0.08
	12/23/2011	14.01	ND	99.80	85.79	NA	NA	NA		0.14
	12/27/2011	13.09	ND	99.80	86.71	NA	NA	NA		0.02
	12/28/2011	13.76	ND	99.80	86.04	NA	NA	NA		0.13
	12/29/2011	13.60	ND	99.80	86.20	NA	NA	NA		0.11
	12/30/2011	13.42	ND	99.80	86.38	NA	NA	NA		0.05
	1/3/2012	13.20	ND	99.80	86.60	NA	NA	NA		0.07
	1/5/2012	13.27	ND	99.80	86.53	NA	NA	NA		0.06
	1/9/2012	13.19	ND	99.80	86.61	NA	NA	NA		
	1/10/2012	12.04	ND	99.80	87.76	NA	NA	NA	stagnant odor	
	1/18/2012	13.34	ND	99.80	86.46	NA	NA	NA		
	1/25/2012	12.71	ND	99.80	87.09	NA	NA	NA		
	1/30/2012	12.61	ND	99.80	87.19	NA	NA	NA		
	2/6/2012	12.59	ND	99.80	87.21	NA	NA	NA		
	2/13/2012	12.73	ND	99.80	87.07	NA	NA	NA		
	2/20/2012	12.79	ND	99.80	87.01	NA	NA	NA		0.01
	2/28/2012	12.82	ND	99.80	86.98	NA	NA	NA		0.05
	3/5/2012	12.65	ND	99.80	87.15	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	3/12/2012	12.55	ND	99.80	87.25	NA	NA	NA		
	3/19/2012	12.54	ND	99.80	87.26	NA	NA	NA		0.05
	3/29/2012	10.68	ND	99.80	89.12	NA	NA	NA		
	4/2/2012	11.86	ND	99.80	87.94	NA	NA	NA		
	4/10/2012	11.46	ND	99.80	88.34	NA	NA	NA		
	4/16/2012	13.02	ND	99.80	86.78	NA	NA	NA		0.05
	4/23/2012	12.72	ND	99.80	87.08	NA	NA	NA		
	4/30/2012	12.95	ND	99.80	86.85	NA	NA	NA		
	5/8/2012*	12.20	ND	99.80	87.60	NA	NA	NA		
	5/15/2012	12.38	ND	99.80	87.42	NA	NA	NA		
	5/21/2012	12.59	ND	99.80	87.21	NA	NA	NA		0.07
	5/31/2012	12.58	ND	99.80	87.22	NA	NA	NA		
	6/7/2012*	12.18	ND	99.80	87.62	NA	NA	NA		
	6/11/2012	12.62	ND	99.80	87.18	NA	NA	NA		0.02
	6/18/2012	12.59	ND	99.80	87.21	NA	NA	NA		
	6/25/2012	12.37	ND	99.80	87.43	NA	NA	NA		
	7/6/2012*	11.96	ND	99.80	87.84	NA	NA	NA		
	7/10/2012	12.58	ND	99.80	87.22	NA	NA	NA		
	7/17/2012	12.69	ND	99.80	87.11	NA	NA	NA		0.04
	7/24/2012	12.57	ND	99.80	87.23	NA	NA	NA		
	7/31/2012	12.54	ND	99.80	87.26	NA	NA	NA		
	8/7/2012	12.58	ND	99.80	87.22	NA	NA	NA		
	8/14/2012	12.67	ND	99.80	87.13	NA	NA	NA		
	8/21/2012	12.84	ND	99.80	86.96	NA	NA	NA		
	8/28/2012	12.04	ND	99.80	87.76	NA	NA	NA		
	9/5/2012	12.76	ND	99.80	87.04	NA	NA	NA		0.08
	9/13/2012	13.36	ND	99.80	86.44	NA	NA	NA		
	9/18/2012	13.26	ND	99.80	86.54	NA	NA	NA		
	9/26/2012	13.30	ND	99.80	86.50	NA	NA	NA		
	10/5/2012*	12.54	ND	99.80	87.26	NA	NA	NA		
	10/11/2012	13.75	ND	99.80	86.05	NA	NA	NA		0.05
	10/16/2012	13.31	ND	99.80	86.49	NA	NA	NA		
	10/22/2012	13.43	ND	99.80	86.37	NA	NA	NA		
	10/31/2012	12.59	ND	99.80	87.21	NA	NA	NA		
	11/7/2012	12.61	ND	99.80	87.19	NA	NA	NA		
	11/13/2012	12.86	ND	99.80	86.94	NA	NA	NA		0.20
	11/21/2012	13.19	ND	99.80	86.61	NA	NA	NA		
	11/27/2012	13.20	ND	99.80	86.60	NA	NA	NA		
	12/4/2012	13.33	ND	99.80	86.47	NA	NA	NA		0.07
	12/13/2012	13.32	ND	99.80	86.48	NA	NA	NA		
	12/21/2012	13.33	ND	99.80	86.47	NA	NA	NA		
	12/28/2012	13.30	ND	99.80	86.50	NA	NA	NA		
	1/4/2013	13.17	ND	99.80	86.63	NA	NA	NA		0.10
	1/9/2013	13.14	ND	99.80	86.66	NA	NA	NA		
	1/16/2013	NG	ND	99.80	NG	NA	NA	NA	Blocked	
	1/21/2013*	12.29	ND	99.80	87.51	NA	NA	NA		
	2/8/2013	12.52	ND	99.80	87.28	NA	NA	NA		0.10
	3/8/2013	12.10	ND	99.80	87.70	NA	NA	NA		0.03
	4/16/2013	15.82	ND	99.80	83.98	NA	NA	NA	Slight Odor	0.05
	4/17/2013*	11.47	ND	99.80	88.33	NA	NA	NA		
	5/3/2013	11.85	ND	99.80	87.95	NA	NA	NA		0.00
	6/13/2013	11.40	ND	99.80	88.40	NA	NA	NA		0.05
	7/11/2013	11.85	ND	99.80	87.95	NA	NA	NA		0.02

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	7/19/2013*	11.40	ND	99.80	88.40	NA	NA	NA		
	8/1/2013	12.80	ND	99.80	87.00	NA	NA	NA		0.00
	9/5/2013	12.75	ND	99.80	87.05	NA	NA	NA		
	10/7/2013	13.70	ND	99.80	86.10	NA	NA	NA		0.00
	10/8/2013*	13.37	ND	99.80	86.43	NA	NA	NA		
	10/22/2013*	12.12	ND	99.80	87.68	NA	NA	NA		
	11/6/2013	13.11	ND	99.80	86.69	NA	NA	NA		0.00
	12/4/2013	13.24	ND	99.80	86.56	NA	NA	NA		0.02
	1/6/2014*	12.02	ND	99.80	87.78	NA	NA	NA		
	2/24/2014	10.72	ND	99.80	89.08	NA	NA	NA		
	3/10/2014	10.21	ND	99.80	89.59	NA	NA	NA		0.0
	4/22/2014	10.58	ND	99.80	89.22	NA	NA	NA		0.0
	4/23/2014*	10.26	ND	99.80	89.54	NA	NA	NA		
	5/7/2014	9.75	ND	99.80	90.05	NA	NA	NA		0.0
	6/3/2014	11.05	ND	99.80	88.75	NA	NA	NA		
	7/3/2014	9.30	ND	99.80	90.50	NA	NA	NA		
	7/17/2014	9.30	ND	99.80	90.50	NA	NA	NA		
	8/25/2014	11.50	ND	99.80	88.30	NA	NA	NA		
	9/9/2014	11.27	ND	99.80	88.53	NA	NA	NA		0.05
	10/7/2014	11.50	ND	99.80	88.30	NA	NA	NA		
	10/8/2014*	11.11	ND	99.80	88.69	NA	NA	NA		
	11/4/2014	12.05	ND	99.80	87.75	NA	NA	NA		0.02
	12/1/2014	12.02	ND	99.80	87.78	NA	NA	NA		
	1/7/2015	10.60	ND	99.80	89.20	NA	NA	NA		
	1/9/2015*	10.01	ND	99.80	89.79	NA	NA	NA		
	2/3/2015	11.21	ND	99.80	88.59	NA	NA	NA		0.00
	3/17/2015	9.73	ND	99.80	90.07	NA	NA	NA		0.00
	4/14/2015	9.83	ND	99.80	89.97	NA	NA	NA		
	4/15/2015*	9.12	ND	99.80	90.68	NA	NA	NA		
	5/12/2015	10.36	ND	99.80	89.44	NA	NA	NA		0.00
	6/9/2015	10.61	ND	99.80	89.19	NA	NA	NA		0.06
	7/7/2015	9.50	ND	99.80	90.30	NA	NA	NA		0.00
	8/3/2015	12.75	ND	99.80	87.05	NA	NA	NA		0.00
	9/2/2015	10.89	ND	99.80	88.91	NA	NA	NA		
	10/20/2015	11.96	ND	99.80	87.84	NA	NA	NA		0.03
	10/21/2015	11.60	ND	99.80	88.20	NA	NA	NA		
	11/3/2015	13.22	ND	99.80	86.58	NA	NA	NA		0.08
	12/3/2015	9.90	ND	99.80	89.90	NA	NA	NA		
	1/14/2016	8.90	ND	99.80	90.90	NA	NA	NA		
	2/10/2016	8.11	ND	99.80	91.69	NA	NA	NA		
	3/9/2016	8.42	ND	99.80	91.38	NA	NA	NA		
	4/8/2016	8.24	ND	99.80	91.56	NA	NA	NA		
	5/24/2016	4.56	ND	99.80	95.24	NA	NA	NA		
	8/25/2016	7.79	ND	99.80	92.01	NA	NA	NA		
	11/16/2016	6.70	ND	99.80	93.10	NA	NA	NA		
	1/24/2017	9.52	ND	99.80	90.28	NA	NA	NA		
	4/27/2017	9.43	ND	99.80	90.37	NA	NA	NA		
	7/13/2017	9.96	ND	99.80	89.84	NA	NA	NA		
	10/26/2017	10.38	ND	99.80	89.42	NA	NA	NA		
	2/13/2018	2.93	ND	99.80	96.87	NA	NA	NA		
	4/27/2018	9.04	ND	99.80	90.76	NA	NA	NA		
	7/19/2018	9.96	ND	99.80	89.84	NA	NA	NA		
	9/6/2018	9.07	ND	99.80	90.73	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	10/24/2018	9.41	ND	99.80	90.39	NA	NA	NA		
	1/22/2019	8.19	ND	99.80	91.61	NA	NA	NA		
	7/24/2019	8.94	ND	99.80	90.86	NA	NA	NA		
	4/23/2020	8.92	ND	99.80	90.88	NA	NA	NA		
MW-13 abandoned on May 5, 2020										
MW-14	12/14/2011	11.74	11.73	98.38	86.64	86.65	86.65	0.01	Recovery Well	
	12/19/2011	14.92	ND	98.38	83.46	NA	NA	NA	Moderate odor	
	12/21/2012	15.15	15.15	98.38	83.23	83.23	83.23	0.00	Sheen	
	12/29/2011	15.05	15.05	98.38	83.33	83.33	83.33	0.00	thin sheen	
	1/5/2012	14.87	14.87	98.38	83.51	83.51	83.51	0.00	thin sheen	
	1/9/2012	14.81	14.81	98.38	83.57	83.57	83.57	0.00	thin sheen	
	1/10/2012	14.31	14.28	98.38	84.07	84.10	84.09	0.03		
	1/18/2012	14.96	ND	98.38	83.42	NA	NA	NA	Slight Odor	
	1/25/2012	14.44	ND	98.38	83.94	NA	NA	NA	Strong Odor	
	2/13/2012	15.69	ND	98.38	82.69	NA	NA	NA	Moderate odor	
	3/5/2012	15.33	ND	98.38	83.05	NA	NA	NA	Slight odor	
	3/29/2012	12.45	12.45	98.38	85.93	85.93	85.93	0.00	Sheen	
	4/11/2012	13.90	13.90	98.38	84.48	84.48	84.48	0.00	Sheen	
	5/8/2012*	14.86	ND	98.38	83.52	NA	NA	NA	Strong Odor	
	5/15/2012	15.14	ND	98.38	83.24	NA	NA	NA		
	6/7/2012*	15.16	ND	98.38	83.22	NA	NA	NA	Stinger depth: 17.75 ft.	
	7/6/2012*	14.59	ND	98.38	83.79	NA	NA	NA	Slight Odor	
	8/14/2012	17.67	ND	98.38	80.71	NA	NA	NA	Stinger depth: 19.25 ft.	
	9/5/2012	18.84	ND	98.38	79.54	NA	NA	NA		
	10/5/2012*	15.39	ND	98.38	82.99	NA	NA	NA	Slight Odor	
	11/13/2012	15.15	ND	98.38	83.23	NA	NA	NA		
	12/4/2012	NG	ND	98.38	NG	NA	NA	NA		
	1/9/2013	17.51	ND	98.38	NG	NA	NA	NA	Stinger depth: 20.25 ft.	
	1/21/2013*	15.47	ND	98.38	82.91	NA	NA	NA		
	2/8/2013	20.87	ND	98.38	NG	NA	NA	NA		
	3/8/2013	20.90	ND	98.38	77.48	NA	NA	NA		
	4/16/2013	15.53	ND	98.38	82.85	NA	NA	NA	Slight Odor	
	5/3/2013	15.65	ND	98.38	82.73	NA	NA	NA		
	6/13/2013	19.10	ND	98.38	79.28	NA	NA	NA		
	7/11/2013	15.58	ND	98.38	82.80	NA	NA	NA		
	7/19/2013*	14.63	ND	98.38	83.75	NA	NA	NA		
	8/1/2013	15.58	ND	98.38	82.80	NA	NA	NA		0.00
	9/5/2013	16.28	ND	98.38	82.10	NA	NA	NA		
	10/8/2013*	15.20	ND	98.38	83.18	NA	NA	NA		
	10/22/2013*	14.37	ND	98.38	84.01	NA	NA	NA		
	11/6/2013	16.49	ND	98.38	81.89	NA	NA	NA		
	12/16/2013	18.80	ND	98.38	79.58	NA	NA	NA		
	1/6/2014*	15.98	ND	98.38	82.40	NA	NA	NA	Slight odor	
	2/24/2014	15.68	ND	98.38	82.70	NA	NA	NA		
	3/10/2014	13.64	ND	98.38	84.74	NA	NA	NA		
	4/22/2014	16.67	ND	98.38	81.71	NA	NA	NA		
	5/7/2014	17.20	ND	98.38	81.18	NA	NA	NA		
	6/3/2014	15.82	ND	98.38	82.56	NA	NA	NA		
	7/3/2014	14.86	ND	98.38	83.52	NA	NA	NA		
	7/17/2014	12.30	ND	98.38	86.08	NA	NA	NA	stinger broken in half 19.35-> 9.3	
	8/25/2014	14.66	ND	98.38	83.72	NA	NA	NA	Slight Odor	
	9/9/2014	16.52	ND	98.38	81.86	NA	NA	NA		
	10/8/2014	15.75	ND	98.38	82.63	NA	NA	NA	Slight Odor	

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	11/4/2014	15.23	ND	98.38	83.15	NA	NA	NA		
	12/1/2014	15.55	ND	98.38	82.83	NA	NA	NA		
	1/9/2015*	10.91	ND	98.38	87.47	NA	NA	NA		
	2/3/2015	14.83	ND	98.38	83.55	NA	NA	NA		
	3/17/2015	14.09	ND	98.38	84.29	NA	NA	NA		
	4/14/2015	13.95	ND	98.38	84.43	NA	NA	NA		
	4/15/2015*	12.00	ND	98.38	86.38	NA	NA	NA		
	5/12/2015	13.19	ND	98.38	85.19	NA	NA	NA		
	6/9/2015	13.56	ND	98.38	84.82	NA	NA	NA		
	7/7/2015	12.11	ND	98.38	86.27	NA	NA	NA		
	8/3/2015	16.16	ND	98.38	82.22	NA	NA	NA		
	9/2/2015	12.34	ND	98.38	86.04	NA	NA	NA		
	10/20/2015	16.10	ND	98.38	82.28	NA	NA	NA		
	10/21/2015	15.35	ND	98.38	83.03	NA	NA	NA		
	11/3/2015	16.65	ND	98.38	81.73	NA	NA	NA		
	11/17/2015	14.56	ND	98.38	83.82	NA	NA	NA		
	12/3/2015	11.27	ND	98.38	87.11	NA	NA	NA		
	1/14/2016	10.92	ND	98.38	87.46	NA	NA	NA		
	2/10/2016	9.85	ND	98.38	88.53	NA	NA	NA		
	3/9/2016	10.55	ND	98.38	87.83	NA	NA	NA		
	4/8/2016	10.59	ND	98.38	87.79	NA	NA	NA		
	5/24/2016	9.90	ND	98.38	88.48	NA	NA	NA		
	8/25/2016	10.75	ND	98.38	87.63	NA	NA	NA		
	11/16/2016	12.40	ND	98.38	85.98	NA	NA	NA		
	1/24/2017	10.90	ND	98.38	87.48	NA	NA	NA		
	4/27/2017	11.22	ND	98.38	87.16	NA	NA	NA		
	7/13/2017	11.98	ND	98.38	86.40	NA	NA	NA		
	10/25/2017	12.07	ND	98.38	86.31	NA	NA	NA		
	2/13/2018	10.50	ND	98.38	87.88	NA	NA	NA		
	4/27/2018	10.78	ND	98.38	87.60	NA	NA	NA		
	7/19/2018	12.38	ND	98.38	86.00	NA	NA	NA		
	9/6/2018	10.68	ND	98.38	87.70	NA	NA	NA		
	10/24/2018	10.65	ND	98.38	87.73	NA	NA	NA	Slight odor	
	1/22/2019	10.02	ND	98.38	88.36	NA	NA	NA		
	7/24/2019	11.92	ND	98.38	86.46	NA	NA	NA		
	4/23/2020	10.69	ND	98.38	87.69	NA	NA	NA		
	7/7/2020	9.49	ND	98.38	88.89	NA	NA	NA		
	10/8/2020	10.91	ND	98.38	87.47	NA	NA	NA		
	1/14/2021	10.51	ND	98.38	87.87	NA	NA	NA		
	4/8/2021	10.01	ND	98.38	88.37	NA	NA	NA		
	7/7/2021	10.87	ND	98.38	87.51	NA	NA	NA		
	10/7/2021	11.30	ND	98.38	87.08	NA	NA	NA		
	1/13/2022	10.09	ND	98.38	88.29	NA	NA	NA		
	4/6/2022	9.90	ND	98.38	88.48	NA	NA	NA		
	7/12/2022	10.35	ND	98.38	88.03	NA	NA	NA		
MW-15	12/14/2011	5.15	ND	91.16	86.01	NA	NA	NA	Recovery Well	
	12/19/2011	9.26	ND	91.16	81.90	NA	NA	NA		
	12/29/2011	9.72	ND	91.16	81.44	NA	NA	NA		
	1/5/2012	9.50	ND	91.16	81.66	NA	NA	NA		
	1/9/2012	9.41	ND	91.16	81.75	NA	NA	NA		
	1/10/2012	7.55	ND	91.16	83.61	NA	NA	NA		
	1/18/2012	9.78	ND	91.16	81.38	NA	NA	NA		
	1/25/2012	14.70	ND	91.16	76.46	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	2/13/2012	14.47	ND	91.16	76.69	NA	NA	NA		
	3/5/2012	11.03	ND	91.16	80.13	NA	NA	NA		
	3/29/2012	5.88	ND	91.16	85.28	NA	NA	NA		
	4/11/2012	6.65	ND	91.16	84.51	NA	NA	NA		
	5/8/2012*	8.08	ND	91.16	83.08	NA	NA	NA		
	5/15/2012	10.06	ND	91.16	81.10	NA	NA	NA		
	6/7/2012*	8.45	ND	91.16	82.71	NA	NA	NA	Stinger depth: 12.75 ft.	
	7/6/2012*	8.03	ND	91.16	83.13	NA	NA	NA		
	8/14/2012	12.55	ND	91.16	78.61	NA	NA	NA	Stinger depth: 11.75 ft.	
	9/5/2012	12.55	ND	91.16	78.61	NA	NA	NA		
	10/5/2012*	8.64	ND	91.16	82.52	NA	NA	NA		
	11/13/2012	10.01	ND	91.16	81.15	NA	NA	NA		
	12/4/2012	10.96	ND	91.16	80.20	NA	NA	NA		
	1/9/2013	10.96	ND	91.16	80.20	NA	NA	NA		
	1/21/2013*	8.63	ND	91.16	82.53	NA	NA	NA		
	2/8/2013	13.68	ND	91.16	77.48	NA	NA	NA	Stinger depth: 12.5 ft.	
	3/8/2013	13.60	ND	91.16	77.56	NA	NA	NA		
	4/16/2013	11.04	ND	91.16	80.12	NA	NA	NA	V. Slight	
	5/3/2013	9.81	ND	91.16	81.35	NA	NA	NA		
	6/13/2013	9.62	ND	91.16	81.54	NA	NA	NA		
	7/11/2013	10.01	ND	91.16	81.15	NA	NA	NA		
	7/19/2013*	7.64	ND	91.16	83.52	NA	NA	NA		
	8/1/2013	12.35	ND	91.16	78.81	NA	NA	NA		
	9/5/2013	9.88	ND	91.16	81.28	NA	NA	NA		
	10/8/2013*	8.52	ND	91.16	82.64	NA	NA	NA		
	10/22/2013*	7.67	ND	91.16	83.49	NA	NA	NA		
	11/6/2013	10.03	ND	91.16	81.13	NA	NA	NA		
	12/16/2013	10.80	ND	91.16	80.36	NA	NA	NA		
	1/6/2014*	7.35	ND	91.16	83.81	NA	NA	NA		
	2/24/2014	9.08	ND	91.16	82.08	NA	NA	NA		
	3/10/2014	7.25	ND	91.16	83.91	NA	NA	NA		
	4/22/2014	9.83	ND	91.16	81.33	NA	NA	NA		
	5/7/2014	7.08	ND	91.16	84.08	NA	NA	NA		
	6/3/2014	10.19	ND	91.16	80.97	NA	NA	NA		
	7/3/2014	7.75	ND	91.16	83.41	NA	NA	NA		
	7/17/2014	5.80	ND	91.16	85.36	NA	NA	NA	Stinger Depth: 11.15	
	8/25/2014	9.56	ND	91.16	81.60	NA	NA	NA		
	9/9/2014	9.95	ND	91.16	81.21	NA	NA	NA		
	10/8/2014	8.13	ND	91.16	83.03	NA	NA	NA		
	11/4/2014	8.95	ND	91.16	82.21	NA	NA	NA		
	12/1/2014	9.30	ND	91.16	81.86	NA	NA	NA		
	1/9/2015*	5.45	ND	91.16	85.71	NA	NA	NA		
	2/3/2015	8.10	ND	91.16	83.06	NA	NA	NA		
	3/17/2015	9.03	ND	91.16	82.13	NA	NA	NA		
	4/14/2015	8.75	ND	91.16	82.41	NA	NA	NA		
	4/15/2015*	5.55	ND	91.16	85.61	NA	NA	NA		
	5/12/2015	6.81	ND	91.16	84.35	NA	NA	NA		
	6/9/2015	6.84	ND	91.16	84.32	NA	NA	NA		
	7/7/2015	5.56	ND	91.16	85.60	NA	NA	NA		
	8/3/2015	10.91	ND	91.16	80.25	NA	NA	NA		
	9/2/2015	6.40	ND	91.16	84.76	NA	NA	NA		
	10/20/2015	10.02	ND	91.16	81.14	NA	NA	NA		
	10/21/2015	8.62	ND	91.16	82.54	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	11/3/2015	9.98	ND	91.16	81.18	NA	NA	NA		
	11/17/2015	7.50	ND	91.16	83.66	NA	NA	NA		
	12/3/2015	4.16	ND	91.16	87.00	NA	NA	NA		
	1/14/2016	4.53	ND	91.16	86.63	NA	NA	NA		
	2/10/2016	3.50	ND	91.16	87.66	NA	NA	NA		
	3/9/2016	4.25	ND	91.16	86.91	NA	NA	NA		
	4/8/2016	4.13	ND	91.16	87.03	NA	NA	NA		
	5/24/2016	3.40	ND	91.16	87.76	NA	NA	NA		
	8/25/2016	4.30	ND	91.16	86.86	NA	NA	NA		
	1/24/2017	3.03	ND	91.16	88.13	NA	NA	NA		
	4/27/2017	4.62	ND	91.16	86.54	NA	NA	NA		
	7/13/2017	5.35	ND	91.16	85.81	NA	NA	NA		
	10/26/2017	5.03	ND	91.16	86.13	NA	NA	NA		
	2/13/2018	3.12	ND	91.16	88.04	NA	NA	NA		
	4/27/2018	4.18	ND	91.16	86.98	NA	NA	NA		
	7/19/2018	5.19	ND	91.16	85.97	NA	NA	NA		
	9/6/2018	4.10	ND	91.16	87.06	NA	NA	NA		
	10/24/2018	4.30	ND	91.16	86.86	NA	NA	NA		
	1/22/2019	3.43	ND	91.16	87.73	NA	NA	NA		
	7/24/2019	4.19	ND	91.16	86.97	NA	NA	NA		
	4/23/2020	4.11	ND	91.16	87.05	NA	NA	NA		
	7/7/2020	0.85	ND	91.16	90.31	NA	NA	NA		
	10/8/2020	4.35	ND	91.16	86.81	NA	NA	NA		
	1/14/2021	3.79	ND	91.16	87.37	NA	NA	NA		
	4/8/2021	3.59	ND	91.16	87.57	NA	NA	NA		
	7/7/2021	4.16	ND	91.16	87.00	NA	NA	NA		
	10/7/2021	4.70	ND	91.16	86.46	NA	NA	NA		
	1/13/2022	4.74	ND	91.16	86.42	NA	NA	NA		
	4/6/2022	3.95	ND	91.16	87.21	NA	NA	NA		
	7/12/2022	3.90	ND	91.16	87.26	NA	NA	NA		
MW-16	12/14/2011	4.66	ND	90.75	86.09	NA	NA	NA	Recovery Well	
	12/19/2011	8.45	ND	90.75	82.30	NA	NA	NA		
	12/29/2011	9.37	ND	90.75	81.38	NA	NA	NA	Stagnant odor	
	1/5/2012	9.20	ND	90.75	81.55	NA	NA	NA		
	1/9/2012	9.13	ND	90.75	81.62	NA	NA	NA		
	1/10/2012	7.14	ND	90.75	83.61	NA	NA	NA		
	1/18/2012	9.59	ND	90.75	81.16	NA	NA	NA		
	1/25/2012	11.18	ND	90.75	79.57	NA	NA	NA		
	2/13/2012	11.18	ND	90.75	79.57	NA	NA	NA		
	3/5/2012	14.27	ND	90.75	76.48	NA	NA	NA		
	3/29/2012	5.41	ND	90.75	85.34	NA	NA	NA		
	4/11/2012	7.20	ND	90.75	83.55	NA	NA	NA		
	5/8/2012*	7.70	ND	90.75	83.05	NA	NA	NA		
	5/15/2012	8.39	ND	90.75	82.36	NA	NA	NA		
	6/7/2012*	8.39	ND	90.75	82.36	NA	NA	NA	Stinger depth: 11.50 ft.	
	7/6/2012*	7.57	ND	90.75	83.18	NA	NA	NA		
	8/14/2012	10.65	ND	90.75	80.10	NA	NA	NA	Stinger depth: 12.25 ft.	
	9/5/2012	11.07	ND	90.75	79.68	NA	NA	NA		
	10/5/2012*	8.25	ND	90.75	82.50	NA	NA	NA		
	11/13/2012	9.02	ND	90.75	81.73	NA	NA	NA		
	12/4/2012	11.20	ND	90.75	79.55	NA	NA	NA		
	1/9/2013	10.20	ND	90.75	80.55	NA	NA	NA		
	1/21/2013*	8.25	ND	90.75	82.50	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	2/8/2013	12.45	ND	90.75	78.30	NA	NA	NA	Stinger depth: 13.0 ft.	
	3/8/2013	12.32	ND	90.75	78.43	NA	NA	NA		
	4/16/2013	9.59	ND	90.75	81.16	NA	NA	NA	Slight	
	5/3/2013	8.60	ND	90.75	82.15	NA	NA	NA		
	6/13/2013	7.48	ND	90.75	83.27	NA	NA	NA		
	7/11/2013	9.24	ND	90.75	81.51	NA	NA	NA		
	7/19/2013*	7.50	ND	90.75	83.25	NA	NA	NA		
	8/1/2013	11.09	ND	90.75	79.66	NA	NA	NA		
	9/5/2013	9.53	ND	90.75	81.22	NA	NA	NA		
	10/8/2013*	8.09	ND	90.75	82.66	NA	NA	NA		
	10/22/2013*	7.20	ND	90.75	83.55	NA	NA	NA		
	11/6/2013	9.35	ND	90.75	81.40	NA	NA	NA		
	12/16/2013	10.49	ND	90.75	80.26	NA	NA	NA		
	1/6/2014*	7.34	ND	90.75	83.41	NA	NA	NA		
	2/24/2014	9.25	ND	90.75	81.50	NA	NA	NA		
	3/10/2014	6.72	ND	90.75	84.03	NA	NA	NA		
	4/22/2014	10.50	ND	90.75	80.25	NA	NA	NA		
	5/7/2014	5.93	ND	90.75	84.82	NA	NA	NA		
	6/3/2014	9.80	ND	90.75	80.95	NA	NA	NA		
	7/3/2014	7.40	ND	90.75	83.35	NA	NA	NA		
	7/17/2014	5.30	ND	90.75	85.45	NA	NA	NA	Stinger Depth: 9.20	
	8/25/2014	9.65	ND	90.75	81.10	NA	NA	NA		
	9/9/2014	9.41	ND	90.75	81.34	NA	NA	NA		
	10/8/2014	7.80	ND	90.75	82.95	NA	NA	NA		
	11/4/2014	8.58	ND	90.75	82.17	NA	NA	NA		
	12/1/2014	9.25	ND	90.75	81.50	NA	NA	NA		
	1/9/2015*	4.95	ND	90.75	85.80	NA	NA	NA		
	2/3/2015	8.76	ND	90.75	81.99	NA	NA	NA		
	3/17/2015	8.35	ND	90.75	82.40	NA	NA	NA		
	4/14/2015	8.66	ND	90.75	82.09	NA	NA	NA		
	4/15/2015*	5.10	ND	90.75	85.65	NA	NA	NA		
	5/12/2015	5.11	ND	90.75	85.64	NA	NA	NA		
	6/9/2015	5.33	ND	90.75	85.42	NA	NA	NA		
	7/7/2015	5.05	ND	90.75	85.70	NA	NA	NA		
	8/3/2015	9.30	ND	90.75	81.45	NA	NA	NA		
	9/2/2015	5.85	ND	90.75	84.90	NA	NA	NA		
	10/20/2015	9.29	ND	90.75	81.46	NA	NA	NA		
	10/21/2015	8.62	ND	90.75	82.13	NA	NA	NA		
	11/3/2015	9.80	ND	90.75	80.95	NA	NA	NA		
	11/17/2015	7.00	ND	90.75	83.75	NA	NA	NA		
	12/3/2015	3.85	ND	90.75	86.90	NA	NA	NA		
	1/14/2016	3.89	ND	90.75	86.86	NA	NA	NA		
	2/10/2016	1.90	ND	90.75	88.85	NA	NA	NA		
	3/9/2016	3.45	ND	90.75	87.30	NA	NA	NA		
	4/8/2016	3.50	ND	90.75	87.25	NA	NA	NA		
	5/24/2016	1.80	ND	90.75	88.95	NA	NA	NA		
	8/25/2016	3.44	ND	90.75	87.31	NA	NA	NA		
	1/24/2017	4.50	ND	90.75	86.25	NA	NA	NA		
	4/27/2017	3.94	ND	90.75	86.81	NA	NA	NA		
	7/13/2017	4.79	ND	90.75	85.96	NA	NA	NA		
	10/25/2017	5.58	ND	90.75	85.17	NA	NA	NA		
	2/13/2018	1.50	ND	90.75	89.25	NA	NA	NA		
	4/27/2018	2.76	ND	90.75	87.99	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	7/19/2018	4.68	ND	90.75	86.07	NA	NA	NA		
	9/6/2018	3.43	ND	90.75	87.32	NA	NA	NA		
	10/24/2018	3.49	ND	90.75	87.26	NA	NA	NA		
	1/22/2019	1.28	ND	90.75	89.47	NA	NA	NA		
	7/24/2019	4.43	ND	90.75	86.32	NA	NA	NA		
	4/23/2020	3.36	ND	90.75	87.39	NA	NA	NA		
	7/7/2020	0.42	ND	90.75	90.33	NA	NA	NA		
	10/8/2020	3.64	ND	90.75	87.11	NA	NA	NA		
	1/14/2021	3.11	ND	90.75	87.64	NA	NA	NA		
	4/8/2021	3.01	ND	90.75	87.74	NA	NA	NA		
	7/7/2021	3.47	ND	90.75	87.28	NA	NA	NA		
	10/7/2021	4.15	ND	90.75	86.60	NA	NA	NA		
	1/13/2022	3.98	ND	90.75	86.77	NA	NA	NA		
	4/6/2022	4.12	ND	90.75	86.63	NA	NA	NA		
	7/12/2022	3.02	ND	90.75	87.73	NA	NA	NA		
MW-17	12/14/2011	10.32	ND	95.32	85.00	NA	NA	NA	Recovery Well	
	12/19/2011	12.96	ND	95.32	82.36	NA	NA	NA	stagnant odor	
	12/29/2011	12.90	ND	95.32	82.42	NA	NA	NA		
	1/5/2012	12.52	ND	95.32	82.80	NA	NA	NA	Stagnant odor	
	1/9/2012	12.64	ND	95.32	82.68	NA	NA	NA		
	1/10/2012	11.42	ND	95.32	83.90	NA	NA	NA		
	1/18/2012	12.21	ND	95.32	83.11	NA	NA	NA		
	1/25/2012	12.06	ND	95.32	83.26	NA	NA	NA		
	2/13/2012	12.85	ND	95.32	82.47	NA	NA	NA		
	3/5/2012	13.22	ND	95.32	82.10	NA	NA	NA		
	3/29/2012	10.55	ND	95.32	84.77	NA	NA	NA		
	4/11/2012	10.91	ND	95.32	84.41	NA	NA	NA		
	5/8/2012*	11.57	ND	95.32	83.75	NA	NA	NA		
	5/15/2012	13.70	ND	95.32	81.62	NA	NA	NA		
	6/7/2012*	11.76	ND	95.32	83.56	NA	NA	NA	Stinger depth: 15.10 ft.	
	7/6/2012*	11.72	ND	95.32	83.60	NA	NA	NA		
	8/14/2012	16.10	ND	95.32	79.22	NA	NA	NA		
	9/5/2012	13.07	ND	95.32	82.25	NA	NA	NA		
	10/5/2012*	12.12	ND	95.32	83.20	NA	NA	NA		
	11/13/2012	12.41	ND	95.32	82.91	NA	NA	NA		
	12/4/2012	12.85	ND	95.32	82.47	NA	NA	NA		
	1/9/2013	12.89	ND	95.32	82.43	NA	NA	NA		
	1/21/2013*	12.00	ND	95.32	83.32	NA	NA	NA		
	2/8/2013	12.66	ND	95.32	82.66	NA	NA	NA		
	3/8/2013	12.15	ND	95.32	83.17	NA	NA	NA		
	4/16/2013	12.47	ND	95.32	82.85	NA	NA	NA		
	5/3/2013	11.99	ND	95.32	83.33	NA	NA	NA		
	6/13/2013	10.72	ND	95.32	84.60	NA	NA	NA		
	7/11/2013	12.05	ND	95.32	83.27	NA	NA	NA		
	7/19/2013*	11.68	ND	95.32	83.64	NA	NA	NA		
	8/1/2013	12.55	ND	95.32	82.77	NA	NA	NA		
	9/5/2013	12.58	ND	95.32	82.74	NA	NA	NA		
	10/8/2013*	12.18	ND	95.32	83.14	NA	NA	NA		
	10/22/2013*	11.69	ND	95.32	83.63	NA	NA	NA		
	11/6/2013	13.27	ND	95.32	82.05	NA	NA	NA		
	12/16/2013	14.50	ND	95.32	80.82	NA	NA	NA		
	1/6/2014*	10.93	ND	95.32	84.39	NA	NA	NA		
	2/24/2014	15.30	ND	95.32	80.02	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	3/10/2014	11.48	ND	95.32	83.84	NA	NA	NA		
	4/22/2014	14.41	ND	95.32	80.91	NA	NA	NA		
	5/7/2014	13.15	ND	95.32	82.17	NA	NA	NA		
	6/3/2014	14.31	ND	95.32	81.01	NA	NA	NA		
	7/3/2014	13.91	ND	95.32	81.41	NA	NA	NA		
	7/17/2014	10.74	ND	95.32	84.58	NA	NA	NA	Stinger Depth: 16.55	
	8/25/2014	15.08	ND	95.32	80.24	NA	NA	NA		
	9/9/2014	15.57	ND	95.32	79.75	NA	NA	NA		
	10/7/2014	11.75	ND	95.32	83.57	NA	NA	NA		
	11/4/2014	14.22	ND	95.32	81.10	NA	NA	NA		
	12/1/2014	14.65	ND	95.32	80.67	NA	NA	NA		
	1/9/2015*	10.38	ND	95.32	84.94	NA	NA	NA		
	2/3/2015	15.49	ND	95.32	79.83	NA	NA	NA		
	3/17/2015	13.97	ND	95.32	81.35	NA	NA	NA		
	4/14/2015	14.53	ND	95.32	80.79	NA	NA	NA		
	4/15/2015*	10.42	ND	95.32	84.90	NA	NA	NA		
	5/12/2015	12.55	ND	95.32	82.77	NA	NA	NA		
	6/9/2015	12.49	ND	95.32	82.83	NA	NA	NA		
	7/7/2015	10.41	ND	95.32	84.91	NA	NA	NA		
	8/3/2015	12.82	ND	95.32	82.50	NA	NA	NA		
	9/2/2015	11.02	ND	95.32	84.30	NA	NA	NA		
	10/20/2015	12.23	ND	95.32	83.09	NA	NA	NA		
	10/21/2015	11.90	ND	95.32	83.42	NA	NA	NA		
	11/3/2015	12.40	ND	95.32	82.92	NA	NA	NA		
	11/17/2015	11.61	ND	95.32	83.71	NA	NA	NA		
	12/3/2015	9.41	ND	95.32	85.91	NA	NA	NA		
	1/14/2016	9.91	ND	95.32	85.41	NA	NA	NA		
	2/10/2016	8.86	ND	95.32	86.46	NA	NA	NA		
	3/9/2016	9.46	ND	95.32	85.86	NA	NA	NA		
	4/8/2016	9.40	ND	95.32	85.92	NA	NA	NA		
	5/24/2016	8.69	ND	95.32	86.63	NA	NA	NA		
	8/25/2016	9.79	ND	95.32	85.53	NA	NA	NA	Slight Odor	
	1/24/2017	9.58	ND	95.32	85.74	NA	NA	NA		
	4/27/2017	9.83	ND	95.32	85.49	NA	NA	NA		
	7/13/2017	10.46	ND	95.32	84.86	NA	NA	NA		
	10/25/2017	10.58	ND	95.32	84.74	NA	NA	NA		
	2/13/2018	9.20	ND	95.32	86.12	NA	NA	NA		
	4/27/2018	8.94	ND	95.32	86.38	NA	NA	NA		
	7/19/2018	10.22	ND	95.32	85.10	NA	NA	NA		
	9/6/2018	9.32	ND	95.32	86.00	NA	NA	NA		
	10/24/2018	9.48	ND	95.32	85.84	NA	NA	NA		
	1/22/2019	8.00	ND	95.32	87.32	NA	NA	NA		
	7/24/2019	8.83	ND	95.32	86.49	NA	NA	NA		
	4/23/2020	9.00	ND	95.32	86.32	NA	NA	NA		
	7/7/2020	6.37	ND	95.32	88.95	NA	NA	NA		
	10/8/2020	9.35	ND	95.32	85.97	NA	NA	NA		
	1/14/2021	8.85	ND	95.32	86.47	NA	NA	NA		
	4/8/2021	8.44	ND	95.32	86.88	NA	NA	NA		
	7/7/2021	9.18	ND	95.32	86.14	NA	NA	NA		
	10/7/2021	9.40	ND	95.32	85.92	NA	NA	NA		
	1/13/2022	10.39	ND	95.32	84.93	NA	NA	NA		
	4/6/2022	8.85	ND	95.32	86.47	NA	NA	NA		
	7/12/2022	8.22	ND	95.32	87.10	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
MW-18	12/14/2011	4.59	4.59	90.72	86.13	86.13	86.13	0.00	Slight Sheen	4.20
	12/15/2011	8.97	ND	90.72	81.75	NA	NA	NA		>5
	12/16/2011	9.10	9.10	90.72	81.62	81.62	81.62	0.00	sheen	>5
	12/19/2011	8.94	ND	90.72	81.78	NA	NA	NA	Strong Odor	0.37
	12/20/2011	9.26	9.26	90.72	81.46	81.46	81.46	0.00	Spotty Sheen	0.74
	12/21/2011	9.48	9.48	90.72	81.24	81.24	81.24	0.00	Spotty Sheen	0.84
	12/22/2011	9.40	ND	90.72	81.32	NA	NA	NA	Slight Odor	0.27
	12/23/2011	9.56	ND	90.72	81.16	NA	NA	NA	Strong Odor	3.35
	12/27/2011	8.97	ND	90.72	81.75	NA	NA	NA		>5
	12/28/2011	9.59	ND	90.72	81.13	NA	NA	NA	Moderate odor	>5
	12/29/2011	9.48	9.48	90.72	81.24	81.24	81.24	0.00	Slight Sheen	4.10
	12/30/2011	9.70	9.70	90.72	81.02	81.02	81.02	0.00	thin sheen	4.45
	1/3/2012	9.24	ND	90.72	81.48	NA	NA	NA	Slight Odor	4.70
	1/5/2012	9.34	ND	90.72	81.38	NA	NA	NA	Stagnant odor	1.04
	1/9/2012	9.20	9.20	90.72	81.52	81.52	81.52	0.00	dirty sheen	
	1/10/2012	7.12	7.12	90.72	83.60	83.60	83.60	0.00	sheen	
	1/18/2012	9.58	ND	90.72	81.14	NA	NA	NA		
	1/25/2012	9.02	ND	90.72	81.70	NA	NA	NA		
	1/30/2012	8.62	ND	90.72	82.10	NA	NA	NA		
	2/6/2012	9.54	ND	90.72	81.18	NA	NA	NA	Slight Odor	
	2/13/2012	9.28	ND	90.72	81.44	NA	NA	NA		
	2/20/2012	9.24	ND	90.72	81.48	NA	NA	NA		13.25
	2/28/2012	9.50	ND	90.72	81.22	NA	NA	NA	Moderate odor	2.45
	3/5/2012	8.92	ND	90.72	81.80	NA	NA	NA		
	3/12/2012	9.31	ND	90.72	81.41	NA	NA	NA		
	3/19/2012	9.34	ND	90.72	81.38	NA	NA	NA	Slight Odor	2.55
	3/29/2012	5.35	ND	90.72	85.37	NA	NA	NA	Slight Odor	
	4/2/2012	8.16	ND	90.72	82.56	NA	NA	NA	Moderate odor	
	4/10/2012	7.84	ND	90.72	82.88	NA	NA	NA	Slight Odor	
	4/16/2012	9.54	ND	90.72	81.18	NA	NA	NA	Slight Odor	1.01
	4/23/2012	8.75	ND	90.72	81.97	NA	NA	NA	Slight Odor	
	4/30/2012	9.63	ND	90.72	81.09	NA	NA	NA		
	5/8/2012*	7.90	ND	90.72	82.82	NA	NA	NA		
	5/15/2012	8.38	ND	90.72	82.34	NA	NA	NA		
	5/21/2012	8.77	ND	90.72	81.95	NA	NA	NA		3.50
	5/31/2012	9.18	ND	90.72	81.54	NA	NA	NA		
	6/7/2012*	8.08	ND	90.72	82.64	NA	NA	NA		
	6/11/2012	9.54	ND	90.72	81.18	NA	NA	NA		2.10
	6/18/2012	9.48	ND	90.72	81.24	NA	NA	NA	Slight Odor	
	6/25/2012	8.93	ND	90.72	81.79	NA	NA	NA		
	7/6/2012*	7.39	ND	90.72	83.33	NA	NA	NA		
	7/10/2012	9.47	ND	90.72	81.25	NA	NA	NA		
	7/17/2012	9.57	ND	90.72	81.15	NA	NA	NA		2.80
	7/24/2012	9.16	ND	90.72	81.56	NA	NA	NA		
	7/31/2012	9.34	ND	90.72	81.38	NA	NA	NA		
	8/7/2012	9.56	ND	90.72	81.16	NA	NA	NA		0.12
	8/14/2012	9.60	ND	90.72	81.12	NA	NA	NA		
	8/21/2012	9.98	ND	90.72	80.74	NA	NA	NA		
	8/28/2012	8.22	ND	90.72	82.50	NA	NA	NA		
	9/5/2012	9.78	ND	90.72	80.94	NA	NA	NA		3.00
	9/13/2012	10.43	ND	90.72	80.29	NA	NA	NA		
	9/18/2012	10.13	ND	90.72	80.59	NA	NA	NA		
	9/26/2012	9.18	ND	90.72	81.54	NA	NA	NA		

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Gasoline Fueling Station – Royal Farms #64
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Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	10/5/2012*	8.24	ND	90.72	82.48	NA	NA	NA		
	10/11/2012	9.97	ND	90.72	80.75	NA	NA	NA		0.44
	10/16/2012	9.91	ND	90.72	80.81	NA	NA	NA		
	10/22/2012	10.01	ND	90.72	80.71	NA	NA	NA		
	10/31/2012	9.14	ND	90.72	81.58	NA	NA	NA		
	11/7/2012	8.82	ND	90.72	81.90	NA	NA	NA		
	11/13/2012	10.02	ND	90.72	80.70	NA	NA	NA		4.00
	11/21/2012	10.32	ND	90.72	80.40	NA	NA	NA		
	11/27/2012	10.52	ND	90.72	80.20	NA	NA	NA		
	12/4/2012	10.48	ND	90.72	80.24	NA	NA	NA		>5.0
	12/13/2012	10.57	ND	90.72	80.15	NA	NA	NA		
	12/21/2012	10.82	ND	90.72	79.90	NA	NA	NA		
	12/28/2012	11.91	ND	90.72	78.81	NA	NA	NA		
	1/4/2013	10.84	ND	90.72	79.88	NA	NA	NA		6.50
	1/9/2013	10.95	ND	90.72	79.77	NA	NA	NA		
	1/16/2013	9.87	ND	90.72	80.85	NA	NA	NA		
	1/21/2013*	8.25	ND	90.72	82.47	NA	NA	NA		
	2/8/2013	10.29	ND	90.72	80.43	NA	NA	NA		5.00
	3/8/2013	9.41	ND	90.72	81.31	NA	NA	NA		10.50
	4/16/2013	9.56	ND	90.72	81.16	NA	NA	NA		1.70
	4/17/2013*	7.59	ND	90.72	83.13	NA	NA	NA		
	5/3/2013	8.66	ND	90.72	82.06	NA	NA	NA		0.04
	6/13/2013	8.50	ND	90.72	82.22	NA	NA	NA		1.70
	7/11/2013	9.01	ND	90.72	81.71	NA	NA	NA		1.50
	7/19/2013*	7.07	ND	90.72	83.65	NA	NA	NA		
	8/1/2013	10.30	ND	90.72	80.42	NA	NA	NA		6.50
	9/5/2013	9.60	ND	90.72	81.12	NA	NA	NA		
	10/7/2013	8.88	ND	90.72	81.84	NA	NA	NA		0.40
	10/8/2013*	8.10	ND	90.72	82.62	NA	NA	NA		
	10/22/2013*	7.24	ND	90.72	83.48	NA	NA	NA		
	11/6/2013	9.20	ND	90.72	81.52	NA	NA	NA		0.30
	12/4/2013	10.13	ND	90.72	80.59	NA	NA	NA		2.60
	1/6/2014*	7.97	ND	90.72	82.75	NA	NA	NA		
	2/24/2014	8.80	ND	90.72	81.92	NA	NA	NA		
	3/10/2014	8.01	ND	90.72	82.71	NA	NA	NA		0.0
	4/22/2014	10.07	ND	90.72	80.65	NA	NA	NA		0.2
	4/23/2014*	7.91	ND	90.72	82.81	NA	NA	NA		
	5/7/2014	6.08	ND	90.72	84.64	NA	NA	NA		0.0
	6/3/2014	9.85	ND	90.72	80.87	NA	NA	NA		
	7/3/2014	6.92	ND	90.72	83.80	NA	NA	NA		0.08
	7/17/2014	5.20	ND	90.72	85.52	NA	NA	NA		
	8/25/2014	10.30	ND	90.72	80.42	NA	NA	NA		0.08
	9/9/2014	9.03	ND	90.72	81.69	NA	NA	NA		1.2
	10/7/2014	9.30	ND	90.72	81.42	NA	NA	NA		2.5
	10/8/2014*	7.81	ND	90.72	82.91	NA	NA	NA		
	11/4/2014	8.70	ND	90.72	82.02	NA	NA	NA		1.2
	12/1/2014	8.35	ND	90.72	82.37	NA	NA	NA		3.0
	1/7/2015	6.32	ND	90.72	84.40	NA	NA	NA		
	1/9/2015*	5.00	ND	90.72	85.72	NA	NA	NA		
	2/3/2015	7.87	ND	90.72	82.85	NA	NA	NA		1.0
	3/17/2015	7.01	ND	90.72	83.71	NA	NA	NA		0.0
	4/14/2015	6.82	ND	90.72	83.90	NA	NA	NA		
	4/15/2015*	5.20	ND	90.72	85.52	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	5/12/2015	6.11	ND	90.72	84.61	NA	NA	NA		0.00
	6/9/2015	6.93	ND	90.72	83.79	NA	NA	NA		0.06
	7/7/2015	5.03	ND	90.72	85.69	NA	NA	NA		0.00
	8/3/2015	9.42	ND	90.72	81.30	NA	NA	NA		-2.00
	9/2/2015	5.85	ND	90.72	84.87	NA	NA	NA		
	10/20/2015	9.40	ND	90.72	81.32	NA	NA	NA		0.02
	10/21/2015	8.29	ND	90.72	82.43	NA	NA	NA		
	11/3/2015	9.88	ND	90.72	80.84	NA	NA	NA		0.10
	12/3/2015	4.10	ND	90.72	86.62	NA	NA	NA		
	1/14/2016	3.75	ND	90.72	86.97	NA	NA	NA		
	2/10/2016	2.75	ND	90.72	87.97	NA	NA	NA		
	3/9/2016	3.49	ND	90.72	87.23	NA	NA	NA		
	4/8/2016	3.50	ND	90.72	87.22	NA	NA	NA		
	5/24/2016	2.85	ND	90.72	87.87	NA	NA	NA		
	8/25/2016	3.72	ND	90.72	87.00	NA	NA	NA		
	11/16/2016	4.94	ND	90.72	85.78	NA	NA	NA		
	1/24/2017	3.62	ND	90.72	87.10	NA	NA	NA		
	4/27/2017	4.05	ND	90.72	86.67	NA	NA	NA		
	7/13/2017	4.80	ND	90.72	85.92	NA	NA	NA		
	10/25/2017	5.00	ND	90.72	85.72	NA	NA	NA		
	2/13/2018	3.12	ND	90.72	87.60	NA	NA	NA		
	4/27/2018	3.51	ND	90.72	87.21	NA	NA	NA		
	7/19/2018	4.63	ND	90.72	86.09	NA	NA	NA		
	9/6/2018	3.58	ND	90.72	87.14	NA	NA	NA		
	10/24/2018	3.64	ND	90.72	87.08	NA	NA	NA		
	1/22/2019	3.01	ND	90.72	87.71	NA	NA	NA		
	7/24/2019	4.72	ND	90.72	86.00	NA	NA	NA		
	4/23/2020	3.61	ND	90.72	87.11	NA	NA	NA		
MW-18 abandoned on May 5, 2020										
MW-19	12/14/2011	9.10	ND	95.01	85.91	NA	NA	NA		
	12/15/2011	12.79	ND	95.01	82.22	NA	NA	NA		0.65
	12/16/2011	13.01	ND	95.01	82.00	NA	NA	NA	Moderate odor	0.88
	12/19/2011	12.63	ND	95.01	82.38	NA	NA	NA	Moderate odor	0.79
	12/20/2011	13.03	ND	95.01	81.98	NA	NA	NA	Strong Odor	0.81
	12/21/2011	13.03	ND	95.01	81.98	NA	NA	NA	Moderate odor	0.76
	12/22/2011	12.85	ND	95.01	82.16	NA	NA	NA	Moderate odor	0.62
	12/23/2011	13.20	13.20	95.01	81.81	81.81	81.81	0.00	Spotty Sheen	0.81
	12/27/2011	12.52	12.52	95.01	82.49	82.49	82.49	0.00	sheen	0.66
	12/28/2011	13.04	13.04	95.01	81.97	81.97	81.97	0.00	Spotty Sheen	0.65
	12/29/2011	13.01	ND	95.01	82.00	NA	NA	NA	Moderate odor	0.60
	12/30/2011	13.03	13.03	95.01	81.98	81.98	81.98	0.00	sheen	0.62
	1/3/2012	12.73	ND	95.01	82.28	NA	NA	NA	Moderate odor	0.54
	1/5/2012	13.03	ND	95.01	81.98	NA	NA	NA	Strong Odor	0.53
	1/9/2012	12.67	12.67	95.01	82.34	82.34	82.34	0.00	sheen	
	1/10/2012	11.24	ND	95.01	83.77	NA	NA	NA	Stagnant odor	
	1/18/2012	12.99	12.99	95.01	82.02	82.02	82.02	0.00	whispy sheen	
	1/25/2012	12.71	ND	95.01	82.30	NA	NA	NA	Slight Odor	
	1/30/2012	12.54	ND	95.01	82.47	NA	NA	NA	Slight Odor	
	2/6/2012	12.69	ND	95.01	82.32	NA	NA	NA	Moderate odor	
	2/13/2012	12.88	ND	95.01	82.13	NA	NA	NA		
	2/20/2012	13.09	ND	95.01	81.92	NA	NA	NA	Moderate odor	0.53
	2/28/2012	13.22	ND	95.01	81.79	NA	NA	NA	Strong Odor	0.33
	3/5/2012	13.09	ND	95.01	81.92	NA	NA	NA	Slight odor	

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	3/12/2012	12.90	ND	95.01	82.11	NA	NA	NA		
	3/19/2012	12.93	ND	95.01	82.08	NA	NA	NA		0.30
	3/29/2012	9.71	ND	95.01	85.30	NA	NA	NA		
	4/2/2012	11.71	ND	95.01	83.30	NA	NA	NA		
	4/10/2012	10.83	ND	95.01	84.18	NA	NA	NA		
	4/16/2012	12.68	12.68	95.01	82.33	82.33	82.33	0.00	Sheen	0.08
	4/23/2012	12.24	ND	95.01	82.77	NA	NA	NA	Slight Odor	
	4/30/2012	12.88	ND	95.01	82.13	NA	NA	NA		
	5/8/2012*	11.55	ND	95.01	83.46	NA	NA	NA	Slight Odor	
	5/15/2012	11.97	ND	95.01	83.04	NA	NA	NA		
	5/21/2012	12.53	ND	95.01	82.48	NA	NA	NA		0.26
	5/31/2012	12.68	ND	95.01	82.33	NA	NA	NA		
	6/7/2012*	11.82	ND	95.01	83.19	NA	NA	NA	Slight Odor	
	6/11/2012	12.80	ND	95.01	82.21	NA	NA	NA		0.17
	6/18/2012	12.77	ND	95.01	82.24	NA	NA	NA		
	6/25/2012	12.92	ND	95.01	82.09	NA	NA	NA		
	7/6/2012*	11.35	ND	95.01	83.66	NA	NA	NA		
	7/10/2012	12.74	ND	95.01	82.27	NA	NA	NA	Slight Odor	
	7/17/2012	12.87	ND	95.01	82.14	NA	NA	NA		0.82
	7/24/2012	12.90	ND	95.01	82.11	NA	NA	NA		
	7/31/2012	12.94	ND	95.01	82.07	NA	NA	NA		
	8/7/2012	13.23	ND	95.01	81.78	NA	NA	NA		0.60
	8/14/2012	13.10	ND	95.01	81.91	NA	NA	NA		
	8/21/2012	13.52	ND	95.01	81.49	NA	NA	NA		
	8/28/2012	11.29	ND	95.01	83.72	NA	NA	NA		
	9/5/2012	13.19	ND	95.01	81.82	NA	NA	NA		0.05
	9/13/2012	13.80	ND	95.01	81.21	NA	NA	NA		
	9/18/2012	13.64	ND	95.01	81.37	NA	NA	NA		
	9/26/2012	13.03	ND	95.01	81.98	NA	NA	NA		
	10/5/2012*	12.15	ND	95.01	82.86	NA	NA	NA		
	10/11/2012	13.40	ND	95.01	81.61	NA	NA	NA		0.02
	10/16/2012	13.04	ND	95.01	81.97	NA	NA	NA		
	10/22/2012	13.44	ND	95.01	81.57	NA	NA	NA		
	10/31/2012	12.18	ND	95.01	82.83	NA	NA	NA		
	11/7/2012	12.63	ND	95.01	82.38	NA	NA	NA		
	11/13/2012	12.86	ND	95.01	82.15	NA	NA	NA		0.20
	11/21/2012	13.55	ND	95.01	81.46	NA	NA	NA		
	11/27/2012	13.53	ND	95.01	81.48	NA	NA	NA		
	12/4/2012	13.75	ND	95.01	81.26	NA	NA	NA		0.04
	12/13/2012	13.64	ND	95.01	81.37	NA	NA	NA		
	12/21/2012	13.09	ND	95.01	81.92	NA	NA	NA		
	12/28/2012	13.80	ND	95.01	81.21	NA	NA	NA		
	1/4/2013	13.85	ND	95.01	81.16	NA	NA	NA		0.04
	1/9/2013	13.91	ND	95.01	81.10	NA	NA	NA		
	1/16/2013	12.44	ND	95.01	82.57	NA	NA	NA		
	1/21/2013*	11.97	ND	95.01	83.04	NA	NA	NA		
	2/8/2013	13.28	ND	95.01	81.73	NA	NA	NA		0.04
	3/8/2013	12.41	ND	95.01	82.60	NA	NA	NA		0.02
	4/16/2013	16.76	ND	95.01	78.25	NA	NA	NA		0.03
	4/17/2013*	11.45	ND	95.01	83.56	NA	NA	NA		
	5/3/2013	12.23	ND	95.01	82.78	NA	NA	NA		0.02
	6/13/2013	10.31	ND	95.01	84.70	NA	NA	NA		0.02
	7/11/2013	12.33	ND	95.01	82.68	NA	NA	NA		0.06

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	7/19/2013*	11.04	ND	95.01	83.97	NA	NA	NA		
	8/1/2013	13.26	ND	95.01	81.75	NA	NA	NA		0.15
	9/5/2013	13.24	ND	95.01	81.77	NA	NA	NA		
	10/7/2013	10.87	ND	95.01	84.14	NA	NA	NA		0.00
	10/8/2013*	12.00	ND	95.01	83.01	NA	NA	NA		
	10/22/2013*	11.22	ND	95.01	83.79	NA	NA	NA		
	11/6/2013	13.10	ND	95.01	81.91	NA	NA	NA		0.00
	12/4/2013	13.58	ND	95.01	81.43	NA	NA	NA		0.10
	1/6/2014*	10.80	ND	95.01	84.21	NA	NA	NA		
	2/24/2014	12.25	ND	95.01	82.76	NA	NA	NA		
	3/10/2014	11.40	ND	95.01	83.61	NA	NA	NA		0.0
	4/22/2014	13.09	ND	95.01	81.92	NA	NA	NA		0.0
	4/23/2014*	11.55	ND	95.01	83.46	NA	NA	NA		
	5/7/2014	9.13	ND	95.01	85.88	NA	NA	NA		0.50
	6/3/2014	13.35	ND	95.01	81.66	NA	NA	NA		
	7/3/2014	10.39	ND	95.01	84.62	NA	NA	NA		
	7/17/2014	9.11	ND	95.01	85.90	NA	NA	NA		1.1
	8/25/2014	12.86	ND	95.01	82.15	NA	NA	NA		0.20
	9/9/2014	12.71	ND	95.01	82.30	NA	NA	NA		1.0
	10/7/2014	12.98	ND	95.01	82.03	NA	NA	NA		1.0
	10/8/2014*	11.63	ND	95.01	83.38	NA	NA	NA		
	11/4/2014	12.57	ND	95.01	82.44	NA	NA	NA		0.8
	12/1/2014	12.00	ND	95.01	83.01	NA	NA	NA		0.76
	1/7/2015	10.54	ND	95.01	84.47	NA	NA	NA		0.62
	1/9/2015*	8.87	ND	95.01	86.14	NA	NA	NA		
	2/3/2015	11.60	ND	95.01	83.41	NA	NA	NA		0.54
	3/17/2015	10.58	ND	95.01	84.43	NA	NA	NA		0.24
	4/14/2015	10.53	ND	95.01	84.48	NA	NA	NA		
	4/15/2015*	8.95	ND	95.01	86.06	NA	NA	NA		
	5/12/2015	10.21	ND	95.01	84.80	NA	NA	NA		0.22
	6/9/2015	10.16	ND	95.01	84.85	NA	NA	NA		0.40
	7/7/2015	8.87	ND	95.01	86.14	NA	NA	NA		0.30
	8/3/2015	13.46	ND	95.01	81.55	NA	NA	NA		0.28
	9/2/2015	9.69	ND	95.01	85.32	NA	NA	NA		
	10/20/2015	13.34	ND	95.01	81.67	NA	NA	NA		0.06
	10/21/2015	12.02	ND	95.01	82.99	NA	NA	NA		
	11/3/2015	13.70	ND	95.01	81.31	NA	NA	NA		0.04
	12/3/2015	7.70	ND	95.01	87.31	NA	NA	NA		
	1/14/2016	7.69	ND	95.01	87.32	NA	NA	NA		
	2/10/2016	6.56	ND	95.01	88.45	NA	NA	NA		
	3/9/2016	7.36	ND	95.01	87.65	NA	NA	NA		
	4/8/2016	7.54	ND	95.01	87.47	NA	NA	NA		
	5/24/2016	6.78	ND	95.01	88.23	NA	NA	NA		
	8/25/2016	7.45	ND	95.01	87.56	NA	NA	NA		
	11/16/2016	9.12	ND	95.01	85.89	NA	NA	NA		
	1/24/2017	7.58	ND	95.01	87.43	NA	NA	NA		
	4/27/2017	8.00	ND	95.01	87.01	NA	NA	NA		
	7/13/2017	8.80	ND	95.01	86.21	NA	NA	NA		
	10/25/2017	9.12	ND	95.01	85.89	NA	NA	NA		
	2/13/2018	4.15	ND	95.01	90.86	NA	NA	NA		
	4/27/2018	7.33	ND	95.01	87.68	NA	NA	NA		
	7/19/2018	8.56	ND	95.01	86.45	NA	NA	NA		
	9/6/2018	7.50	ND	95.01	87.51	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	10/24/2018	7.60	ND	95.01	87.41	NA	NA	NA		
	1/22/2019	5.72	ND	95.01	89.29	NA	NA	NA		
	7/24/2019	7.19	ND	95.01	87.82	NA	NA	NA		
	4/23/2020	7.18	ND	95.01	87.83	NA	NA	NA		
MW-19 abandoned on May 5, 2020										
MW-20	12/14/2011	8.03	ND	95.40	87.37	NA	NA	NA		0.01
	12/15/2011	8.90	ND	95.40	86.50	NA	NA	NA		0.00
	12/16/2011	9.18	ND	95.40	86.22	NA	NA	NA		0.01
	12/19/2011	9.49	ND	95.40	85.91	NA	NA	NA		0.00
	12/20/2011	9.57	ND	95.40	85.83	NA	NA	NA		0.02
	12/21/2011	9.64	ND	95.40	85.76	NA	NA	NA		0.02
	12/22/2011	9.71	ND	95.40	85.69	NA	NA	NA		0.00
	12/23/2011	9.27	ND	95.40	86.13	NA	NA	NA		0.02
	12/27/2011	9.46	ND	95.40	85.94	NA	NA	NA		0.01
	12/28/2011	8.87	ND	95.40	86.53	NA	NA	NA		0.02
	12/29/2011	9.12	ND	95.40	86.28	NA	NA	NA		0.02
	12/30/2011	9.30	ND	95.40	86.10	NA	NA	NA		0.01
	1/3/2012	9.70	ND	95.40	85.70	NA	NA	NA		0.00
	1/5/2012	9.83	ND	95.40	85.57	NA	NA	NA		0.04
	1/9/2012	10.03	ND	95.40	85.37	NA	NA	NA		
	1/10/2012	9.88	ND	95.40	85.52	NA	NA	NA		
	1/18/2012	9.99	ND	95.40	85.41	NA	NA	NA		
	1/25/2012	10.24	ND	95.40	85.16	NA	NA	NA		
	1/30/2012	9.97	ND	95.40	85.43	NA	NA	NA		
	2/6/2012	10.33	ND	95.40	85.07	NA	NA	NA		
	2/13/2012	10.50	ND	95.40	84.90	NA	NA	NA		
	2/20/2012	10.61	ND	95.40	84.79	NA	NA	NA		0.00
	2/28/2012	10.79	ND	95.40	84.61	NA	NA	NA		0.02
	3/5/2012	9.84	ND	95.40	85.56	NA	NA	NA		
	3/12/2012	10.29	ND	95.40	85.11	NA	NA	NA		
	3/19/2012	10.51	ND	95.40	84.89	NA	NA	NA		0.03
	3/29/2012	9.66	ND	95.40	85.74	NA	NA	NA		
	4/2/2012	10.12	ND	95.40	85.28	NA	NA	NA		
	4/10/2012	10.15	ND	95.40	85.25	NA	NA	NA		
	4/16/2012	10.60	ND	95.40	84.80	NA	NA	NA		0.03
	4/23/2012	10.78	ND	95.40	84.62	NA	NA	NA		
	4/30/2012	10.92	ND	95.40	84.48	NA	NA	NA		
	5/8/2012*	10.78	ND	95.40	84.62	NA	NA	NA		
	5/15/2012	10.64	ND	95.40	84.76	NA	NA	NA		
	5/21/2012	10.82	ND	95.40	84.58	NA	NA	NA		0.03
	5/31/2012	10.80	ND	95.40	84.60	NA	NA	NA		
	6/7/2012*	10.78	ND	95.40	84.62	NA	NA	NA		
	6/11/2012	10.90	ND	95.40	84.50	NA	NA	NA		<0.00
	6/18/2012	10.96	ND	95.40	84.44	NA	NA	NA		
	6/25/2012	10.90	ND	95.40	84.50	NA	NA	NA		
	7/6/2012*	10.88	ND	95.40	84.52	NA	NA	NA		
	7/10/2012	11.03	ND	95.40	84.37	NA	NA	NA		
	7/17/2012	11.11	ND	95.40	84.29	NA	NA	NA		0.02
	7/24/2012	10.62	ND	95.40	84.78	NA	NA	NA		
	7/31/2012	10.78	ND	95.40	84.62	NA	NA	NA		
	8/7/2012	10.91	ND	95.40	84.49	NA	NA	NA		0.06
	8/14/2012	10.95	ND	95.40	84.45	NA	NA	NA		
	8/21/2012	11.05	ND	95.40	84.35	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	8/28/2012	10.54	ND	95.40	84.86	NA	NA	NA		
	9/5/2012	10.84	ND	95.40	84.56	NA	NA	NA		0.02
	9/13/2012	11.20	ND	95.40	84.20	NA	NA	NA		
	9/18/2012	11.26	ND	95.40	84.14	NA	NA	NA		
	9/26/2012	11.35	ND	95.40	84.05	NA	NA	NA		
	10/5/2012*	11.48	ND	95.40	83.92	NA	NA	NA		
	10/11/2012	11.43	ND	95.40	83.97	NA	NA	NA		0.03
	10/16/2012	11.53	ND	95.40	83.87	NA	NA	NA		
	10/22/2012	11.71	ND	95.40	83.69	NA	NA	NA		
	10/31/2012	9.73	ND	95.40	85.67	NA	NA	NA		
	11/7/2012	9.98	ND	95.40	85.42	NA	NA	NA		
	11/13/2012	10.38	ND	95.40	85.02	NA	NA	NA		0.00
	11/21/2012	10.27	ND	95.40	85.13	NA	NA	NA		
	11/27/2012	10.95	ND	95.40	84.45	NA	NA	NA		
	12/4/2012	11.13	ND	95.40	84.27	NA	NA	NA		0.00
	12/13/2012	11.37	ND	95.40	84.03	NA	NA	NA		
	12/21/2012	11.31	ND	95.40	84.09	NA	NA	NA		
	12/28/2012	10.41	ND	95.40	84.99	NA	NA	NA		
	1/4/2013	10.32	ND	95.40	85.08	NA	NA	NA		0.02
	1/9/2013	10.57	ND	95.40	84.83	NA	NA	NA		
	1/16/2013	10.58	ND	95.40	84.82	NA	NA	NA		
	1/21/2013*	9.76	ND	95.40	85.64	NA	NA	NA		
	2/8/2013	9.75	ND	95.40	85.65	NA	NA	NA		0.05
	3/8/2013	9.25	ND	95.40	86.15	NA	NA	NA		0.00
	4/16/2013	9.97	ND	95.40	85.43	NA	NA	NA		0.00
	4/17/2013*	9.84	ND	95.40	85.56	NA	NA	NA		
	5/3/2013	9.96	ND	95.40	85.44	NA	NA	NA		0.00
	6/13/2013	8.23	ND	95.40	87.17	NA	NA	NA		0.00
	7/11/2013	9.92	ND	95.40	85.48	NA	NA	NA		0.00
	7/19/2013*	10.00	ND	95.40	85.40	NA	NA	NA		
	8/1/2013	10.63	ND	95.40	84.77	NA	NA	NA		0.00
	9/5/2013	11.18	ND	95.40	84.22	NA	NA	NA		
	10/7/2013	11.56	ND	95.40	83.84	NA	NA	NA		0.04
	10/8/2013*	11.53	ND	95.40	83.87	NA	NA	NA		
	10/22/2013*	10.45	ND	95.40	84.95	NA	NA	NA		
	11/6/2013	10.97	ND	95.40	84.43	NA	NA	NA		0.00
	12/4/2013	11.05	ND	95.40	84.35	NA	NA	NA		0.00
	1/6/2014*	9.28	ND	95.40	86.12	NA	NA	NA		
	2/24/2014	7.37	ND	95.40	88.03	NA	NA	NA		
	3/10/2014	8.23	ND	95.40	87.17	NA	NA	NA		0.0
	4/22/2014	8.38	ND	95.40	87.02	NA	NA	NA		0.0
	4/23/2014*	8.52	ND	95.40	86.88	NA	NA	NA		
	5/7/2014	6.75	ND	95.40	88.65	NA	NA	NA		0.0
	6/3/2014	10.00	ND	95.40	85.40	NA	NA	NA		
	7/3/2014	8.45	ND	95.40	86.95	NA	NA	NA		0.04
	7/17/2014	8.91	ND	95.40	86.49	NA	NA	NA		
	8/25/2014	10.50	ND	95.40	84.90	NA	NA	NA		
	9/9/2014	10.35	ND	95.40	85.05	NA	NA	NA		0.03
	10/7/2014	11.20	ND	95.40	84.20	NA	NA	NA		
	10/8/2014*	11.17	ND	95.40	84.23	NA	NA	NA		
	11/4/2014	10.97	ND	95.40	84.43	NA	NA	NA		
	12/1/2014	10.53	ND	95.40	84.87	NA	NA	NA		0.02
	1/7/2015	8.90	ND	95.40	86.50	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	1/9/2015*	8.43	ND	95.40	86.97	NA	NA	NA		
	2/3/2015	9.05	ND	95.40	86.35	NA	NA	NA		0.00
	3/17/2015	6.91	ND	95.40	88.49	NA	NA	NA		0.00
	4/14/2015	8.53	ND	95.40	86.87	NA	NA	NA		
	4/15/2015*	8.42	ND	95.40	86.98	NA	NA	NA		
	5/12/2015	8.85	ND	95.40	86.55	NA	NA	NA		0.00
	6/9/2015	8.98	ND	95.40	86.42	NA	NA	NA		0.00
	7/7/2015	7.78	ND	95.40	87.62	NA	NA	NA		0.00
	8/3/2015	10.23	ND	95.40	85.17	NA	NA	NA		0.00
	9/2/2015	9.64	ND	95.40	85.76	NA	NA	NA		
	10/20/2015	10.55	ND	95.40	84.85	NA	NA	NA		0.00
	10/21/2015	10.57	ND	95.40	84.83	NA	NA	NA		
	11/3/2015	11.13	ND	95.40	84.27	NA	NA	NA		0.00
	12/3/2015	8.16	ND	95.40	87.24	NA	NA	NA		
	1/14/2016	6.86	ND	95.40	88.54	NA	NA	NA		
	2/10/2016	6.10	ND	95.40	89.30	NA	NA	NA		
	3/9/2016	7.05	ND	95.40	88.35	NA	NA	NA		
	4/8/2016	6.51	ND	95.40	88.89	NA	NA	NA		
	5/24/2016	7.46	ND	95.40	87.94	NA	NA	NA		
	8/25/2016	7.44	ND	95.40	87.96	NA	NA	NA		
	11/16/2016	9.02	ND	95.40	86.38	NA	NA	NA		
	1/24/2017	7.10	ND	95.40	88.30	NA	NA	NA		
	4/27/2017	7.61	ND	95.40	87.79	NA	NA	NA		
	7/13/2017	8.80	ND	95.40	86.60	NA	NA	NA		
	10/25/2017	8.91	ND	95.40	86.49	NA	NA	NA		
	2/13/2018	6.50	ND	95.40	88.90	NA	NA	NA		
	4/27/2018	6.88	ND	95.40	88.52	NA	NA	NA		
	7/19/2018	8.62	ND	95.40	86.78	NA	NA	NA		
	9/6/2018	7.06	ND	95.40	88.34	NA	NA	NA		
	10/24/2018	7.35	ND	95.40	88.05	NA	NA	NA		
	1/22/2019	6.23	ND	95.40	89.17	NA	NA	NA		
	7/24/2019	7.67	ND	95.40	87.73	NA	NA	NA		
	4/23/2020	7.07	ND	95.40	88.33	NA	NA	NA		
MW-20 abandoned on May 5, 2020										
MW-21	12/14/2011	11.84	11.84	99.03	87.19	87.19	87.19	0.00	Slight Sheen	0.12
	12/15/2011	16.39	16.38	99.03	82.64	82.65	82.65	0.01		0.14
	12/16/2011	16.54	16.53	99.03	82.49	82.50	82.50	0.01		0.22
	12/19/2011	16.43	16.41	99.03	82.60	82.62	82.61	0.02		0.22
	12/20/2011	16.61	16.60	99.03	82.42	82.43	82.43	0.01		0.35
	12/21/2011	16.85	16.84	99.03	82.18	82.19	82.19	0.01		0.39
	12/22/2011	16.73	16.72	99.03	82.30	82.31	82.31	0.01		0.37
	12/23/2011	17.21	17.21	99.03	81.82	81.82	81.82	0.00	thick sheen	0.63
	12/27/2011	16.41	16.40	99.03	82.62	82.63	82.63	0.01		1.45
	12/28/2011	17.04	17.04	99.03	81.99	81.99	81.99	0.00	Sheen	2.40
	12/29/2011	16.97	16.97	99.03	82.06	82.06	82.06	0.00	thick sheen	2.05
	12/30/2011	17.02	17.02	99.03	82.01	82.01	82.01	0.00	thick sheen	2.00
	1/3/2012	16.62	16.62	99.03	82.41	82.41	82.41	0.00	Sheen	1.50
	1/5/2012	16.63	16.63	99.03	82.40	82.40	82.40	0.00	Sheen	1.80
	1/9/2012	16.57	16.57	99.03	82.46	82.46	82.46	0.00	Sheen	
	1/10/2012	14.32	ND	99.03	84.71	NA	NA	NA	Moderate odor	
	1/18/2012	16.82	16.82	99.03	82.21	82.21	82.21	0.00	thin sheen	
	1/25/2012	16.31	16.31	99.03	82.72	82.72	82.72	0.00	thin sheen	
	1/30/2012	16.44	16.44	99.03	82.59	82.59	82.59	0.00	thin sheen	

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	2/6/2012	16.58	ND	99.03	82.45	NA	NA	NA	Strong Odor	
	2/13/2012	16.90	ND	99.03	82.13	NA	NA	NA	Moderate odor	
	2/20/2012	17.09	ND	99.03	81.94	NA	NA	NA	Strong Odor	0.58
	2/28/2012	17.26	17.26	99.03	81.77	81.77	81.77	0.00	Sheen	0.53
	3/5/2012	17.20	17.20	99.03	81.83	81.83	81.83	0.00	Sheen	
	3/12/2012	17.00	17.00	99.03	82.03	82.03	82.03	0.00	Sheen	
	3/19/2012	16.95	ND	99.03	82.08	NA	NA	NA	Strong Odor	0.42
	3/29/2012	12.41	ND	99.03	86.62	NA	NA	NA	Moderate odor	
	4/2/2012	14.93	ND	99.03	84.10	NA	NA	NA	Moderate odor	
	4/10/2012	14.23	ND	99.03	84.80	NA	NA	NA	Slight Odor	
	4/16/2012	16.81	ND	99.03	82.22	NA	NA	NA	Moderate odor	0.21
	4/23/2012	16.34	ND	99.03	82.69	NA	NA	NA	Strong Odor	
	4/30/2012	16.87	ND	99.03	82.16	NA	NA	NA	Strong Odor	
	5/8/2012*	14.84	ND	99.03	84.19	NA	NA	NA		
	5/15/2012	16.04	ND	99.03	82.99	NA	NA	NA	Moderate odor	
	5/21/2012	16.52	ND	99.03	82.51	NA	NA	NA	Moderate odor	0.49
	5/31/2012	16.69	ND	99.03	82.34	NA	NA	NA	Strong Odor	
	6/7/2012*	15.15	ND	99.03	83.88	NA	NA	NA	Strong Odor	
	6/11/2012	16.73	ND	99.03	82.30	NA	NA	NA	Moderate odor	0.39
	6/18/2012	16.72	ND	99.03	82.31	NA	NA	NA	Strong Odor	
	6/25/2012	16.22	ND	99.03	82.81	NA	NA	NA	Moderate odor	
	7/6/2012*	14.37	ND	99.03	84.66	NA	NA	NA	Slight Odor	
	7/10/2012	16.63	ND	99.03	82.40	NA	NA	NA	Slight Odor	
	7/17/2012	16.66	ND	99.03	82.37	NA	NA	NA	Slight Odor	0.30
	7/24/2012	16.79	ND	99.03	82.24	NA	NA	NA	Slight Odor	
	7/31/2012	16.69	ND	99.03	82.34	NA	NA	NA	Moderate odor	
	8/7/2012	16.79	ND	99.03	82.24	NA	NA	NA	Slight Odor	0.36
	8/14/2012	16.90	ND	99.03	82.13	NA	NA	NA	Moderate odor	
	8/21/2012	17.54	ND	99.03	81.49	NA	NA	NA	Moderate odor	
	8/28/2012	14.91	ND	99.03	84.12	NA	NA	NA	Slight Odor	
	9/5/2012	17.18	17.18	99.03	81.85	81.85	81.85	0.00	Sheen	0.40
	9/13/2012	17.80	ND	99.03	81.23	NA	NA	NA	Moderate odor	
	9/18/2012	17.63	ND	99.03	81.40	NA	NA	NA	Moderate odor	
	9/26/2012	16.83	ND	99.03	82.20	NA	NA	NA	Slight Odor	
	10/5/2012*	15.66	ND	99.03	83.37	NA	NA	NA	Moderate odor	
	10/11/2012	17.30	ND	99.03	81.73	NA	NA	NA	Slight Odor	0.25
	10/16/2012	17.23	ND	99.03	81.80	NA	NA	NA	Slight Odor	
	10/22/2012	16.52	ND	99.03	82.51	NA	NA	NA		
	10/31/2012	16.28	ND	99.03	82.75	NA	NA	NA	Slight Odor	
	11/7/2012	16.46	ND	99.03	82.57	NA	NA	NA		
	11/13/2012	17.13	ND	99.03	81.90	NA	NA	NA	stagnant odor	0.52
	11/21/2012	17.56	ND	99.03	81.47	NA	NA	NA		
	11/27/2012	17.65	ND	99.03	81.38	NA	NA	NA		
	12/4/2012	17.77	ND	99.03	81.26	NA	NA	NA	Slight odor	0.42
	12/13/2012	17.66	ND	99.03	81.37	NA	NA	NA	Moderate odor	
	12/21/2012	17.93	ND	99.03	81.10	NA	NA	NA	Moderate odor	
	12/28/2012	18.08	ND	99.03	80.95	NA	NA	NA	Strong Odor	
	1/4/2013	17.97	ND	99.03	81.06	NA	NA	NA	Moderate odor	0.45
	1/9/2013	18.03	ND	99.03	81.00	NA	NA	NA	Moderate odor	
	1/16/2013	17.33	ND	99.03	81.70	NA	NA	NA	Moderate odor	
	1/21/2013*	15.65	ND	99.03	83.38	NA	NA	NA		
	2/8/2013	17.60	ND	99.03	81.43	NA	NA	NA		0.50
	3/8/2013	16.48	ND	99.03	82.55	NA	NA	NA	Moderate odor	0.35

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	4/16/2013	16.72	ND	99.03	82.31	NA	NA	NA	Moderate odor	0.25
	4/17/2013*	14.45	ND	99.03	84.58	NA	NA	NA	Slight Odor	
	5/3/2013	15.32	ND	99.03	83.71	NA	NA	NA	Slight Odor	0.04
	6/13/2013	15.52	ND	99.03	83.51	NA	NA	NA	Slight Odor	0.20
	7/11/2013	15.90	ND	99.03	83.13	NA	NA	NA		0.10
	7/19/2013*	13.94	ND	99.03	85.09	NA	NA	NA		
	8/1/2013	17.55	ND	99.03	81.48	NA	NA	NA		0.18
	9/5/2013	17.00	ND	99.03	82.03	NA	NA	NA		
	10/7/2013	6.90	ND	99.03	92.13	NA	NA	NA	Slight odor	0.00
	10/8/2013*	15.34	ND	99.03	83.69	NA	NA	NA	Slight odor	
	10/22/2013*	14.30	ND	99.03	84.73	NA	NA	NA	Slight odor	
	11/6/2013	16.77	ND	99.03	82.26	NA	NA	NA	Slight odor	0.10
	12/4/2013	17.50	ND	99.03	81.53	NA	NA	NA	Slight odor	0.32
	1/6/2014*	18.80	ND	99.03	80.23	NA	NA	NA	Moderate odor	
	2/24/2014	15.55	ND	99.03	83.48	NA	NA	NA		
	3/10/2014	14.42	ND	99.03	84.61	NA	NA	NA	Slight Odor	0.1
	4/22/2014	17.30	ND	99.03	81.73	NA	NA	NA	Moderate odor	0.0
	4/23/2014*	14.37	ND	99.03	84.66	NA	NA	NA		
	5/7/2013	12.41	ND	99.03	86.62	NA	NA	NA		0.0
	6/3/2014	16.80	ND	99.03	82.23	NA	NA	NA		0.2
	7/3/2014	13.26	ND	99.03	85.77	NA	NA	NA		
	7/17/2014	12.02	ND	99.03	87.01	NA	NA	NA		
	8/25/2014	15.85	ND	99.03	83.18	NA	NA	NA		0.0
	9/9/2014	15.48	ND	99.03	83.55	NA	NA	NA	Slight Odor	0.03
	10/7/2014	16.28	ND	99.03	82.75	NA	NA	NA		
	10/8/2014*	14.78	ND	99.03	84.25	NA	NA	NA		
	11/4/2014	15.15	ND	99.03	83.88	NA	NA	NA		
	12/1/2014	15.25	ND	99.03	83.78	NA	NA	NA		0.08
	1/7/2015	12.90	ND	99.03	86.13	NA	NA	NA		
	1/9/2015*	11.81	ND	99.03	87.22	NA	NA	NA	Moderate odor	
	2/3/2015	14.46	ND	99.03	84.57	NA	NA	NA	slight odor	0.00
	3/17/2015	13.17	ND	99.03	85.86	NA	NA	NA		0.40
	4/14/2015	13.15	ND	99.03	85.88	NA	NA	NA		
	4/15/2015*	11.55	ND	99.03	87.48	NA	NA	NA		
	5/12/2015	12.99	ND	99.03	86.04	NA	NA	NA		0.00
	6/9/2015	13.53	ND	99.03	85.50	NA	NA	NA		0.04
	7/7/2015	11.92	ND	99.03	87.11	NA	NA	NA		0.06
	8/3/2015	17.01	ND	99.03	82.02	NA	NA	NA		0.00
	9/2/2015	12.59	ND	99.03	86.44	NA	NA	NA		
	10/20/2015	16.75	ND	99.03	82.28	NA	NA	NA		0.04
	10/21/2015	15.42	ND	99.03	83.61	NA	NA	NA		
	11/3/2015	17.31	ND	99.03	81.72	NA	NA	NA		0.24
	12/3/2015	11.24	ND	99.03	87.79	NA	NA	NA		
	1/14/2016	10.35	ND	99.03	88.68	NA	NA	NA		
	2/10/2016	9.62	ND	99.03	89.41	NA	NA	NA		
	3/9/2016	10.00	ND	99.03	89.03	NA	NA	NA		
	4/8/2016	9.99	ND	99.03	89.04	NA	NA	NA		
	5/24/2016	9.48	ND	99.03	89.55	NA	NA	NA		
	8/25/2016	10.03	ND	99.03	89.00	NA	NA	NA		
	11/16/2016	11.81	ND	99.03	87.22	NA	NA	NA	Moderate odor	
	1/24/2017	10.55	ND	99.03	88.48	NA	NA	NA	Moderate odor	
	4/27/2017	10.79	ND	99.03	88.24	NA	NA	NA		
	7/13/2017	11.11	ND	99.03	87.92	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	10/25/2017	11.40	ND	99.03	87.63	NA	NA	NA		
	2/13/2018	11.01	ND	99.03	88.02	NA	NA	NA		
	4/27/2018	10.17	ND	99.03	88.86	NA	NA	NA		
	7/19/2018	11.12	ND	99.03	87.91	NA	NA	NA		
	9/6/2018	9.65	ND	99.03	89.38	NA	NA	NA		
	10/24/2018	9.86	ND	99.03	89.17	NA	NA	NA		
	1/22/2019	8.99	ND	99.03	90.04	NA	NA	NA		
	7/24/2019	9.40	ND	99.03	89.63	NA	NA	NA		
	4/23/2020	10.12	ND	99.03	88.91	NA	NA	NA		
	7/7/2020	9.28	ND	99.03	89.75	NA	NA	NA		
	10/8/2020	10.40	ND	99.03	88.63	NA	NA	NA		
	1/14/2021	10.02	ND	99.03	89.01	NA	NA	NA		
	4/8/2021	9.59	ND	99.03	89.44	NA	NA	NA		
	7/7/2021	10.12	ND	99.03	88.91	NA	NA	NA		
	10/7/2021	10.45	ND	99.03	88.58	NA	NA	NA		
	1/13/2022	10.49	ND	99.03	88.54	NA	NA	NA		
	4/6/2022	10.55	ND	99.03	88.48	NA	NA	NA		
	7/12/2022	10.09	ND	99.03	88.94	NA	NA	NA		
MW-22	12/14/2011	1.35	ND	87.25	85.90	NA	NA	NA		
	12/15/2011	5.31	ND	87.25	81.94	NA	NA	NA		0.00
	12/16/2011	5.31	ND	87.25	81.94	NA	NA	NA		1.20
	12/19/2011	5.40	ND	87.25	81.85	NA	NA	NA	stagnant odor	-0.02
	12/20/2011	5.52	ND	87.25	81.73	NA	NA	NA	stagnant odor	0.03
	12/21/2011	5.70	ND	87.25	81.55	NA	NA	NA		0.93
	12/22/2011	5.74	ND	87.25	81.51	NA	NA	NA	Stagnant odor	0.34
	12/23/2011	5.89	ND	87.25	81.36	NA	NA	NA	Stagnant odor	4.20
	12/27/2011	5.33	ND	87.25	81.92	NA	NA	NA		-0.02
	12/28/2011	5.61	ND	87.25	81.64	NA	NA	NA		1.20
	12/29/2011	5.69	ND	87.25	81.56	NA	NA	NA		0.81
	12/30/2011	5.79	ND	87.25	81.46	NA	NA	NA		0.47
	1/3/2012	5.68	ND	87.25	81.57	NA	NA	NA		-0.02
	1/5/2012	5.71	ND	87.25	81.54	NA	NA	NA		0.37
	1/9/2012	5.48	ND	87.25	81.77	NA	NA	NA		
	1/10/2012	3.95	ND	87.25	83.30	NA	NA	NA		
	1/18/2012	5.31	ND	87.25	81.94	NA	NA	NA		
	1/25/2012	6.08	ND	87.25	81.17	NA	NA	NA		
	1/30/2012	5.85	ND	87.25	81.40	NA	NA	NA		
	2/6/2012	6.03	ND	87.25	81.22	NA	NA	NA		
	2/13/2012	6.16	ND	87.25	81.09	NA	NA	NA		
	2/20/2012	6.51	ND	87.25	80.74	NA	NA	NA		0.81
	2/28/2012	6.54	ND	87.25	80.71	NA	NA	NA		1.15
	3/5/2012	6.60	ND	87.25	80.65	NA	NA	NA		
	3/12/2012	6.48	ND	87.25	80.77	NA	NA	NA		
	3/19/2012	6.46	ND	87.25	80.79	NA	NA	NA		<0.00
	3/29/2012	2.57	ND	87.25	84.68	NA	NA	NA		
	4/2/2012	4.92	ND	87.25	82.33	NA	NA	NA		
	4/10/2012	3.95	ND	87.25	83.30	NA	NA	NA		
	4/16/2012	6.13	ND	87.25	81.12	NA	NA	NA		2.50
	4/23/2012	5.43	ND	87.25	81.82	NA	NA	NA		
	4/30/2012	5.52	ND	87.25	81.73	NA	NA	NA		
	5/8/2012*	4.89	ND	87.25	82.36	NA	NA	NA		
	5/15/2012	5.20	ND	87.25	82.05	NA	NA	NA		
	5/21/2012	5.64	ND	87.25	81.61	NA	NA	NA		3.10

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	5/31/2012	5.67	ND	87.25	81.58	NA	NA	NA		
	6/7/2012*	5.31	ND	87.25	81.94	NA	NA	NA		
	6/11/2012	5.64	ND	87.25	81.61	NA	NA	NA		4.15
	6/18/2012	5.77	ND	87.25	81.48	NA	NA	NA		
	6/25/2012	5.73	ND	87.25	81.52	NA	NA	NA		
	7/6/2012*	4.67	ND	87.25	82.58	NA	NA	NA		
	7/10/2012	5.47	ND	87.25	81.78	NA	NA	NA		
	7/17/2012	5.80	ND	87.25	81.45	NA	NA	NA		3.60
	7/24/2012	5.34	ND	87.25	81.91	NA	NA	NA		
	7/31/2012	5.57	ND	87.25	81.68	NA	NA	NA		
	8/7/2012	5.64	ND	87.25	81.61	NA	NA	NA		3.60
	8/14/2012	5.89	ND	87.25	81.36	NA	NA	NA		
	8/21/2012	6.15	ND	87.25	81.10	NA	NA	NA		
	8/28/2012	4.56	ND	87.25	82.69	NA	NA	NA		
	9/5/2012	5.22	ND	87.25	82.03	NA	NA	NA		3.45
	9/13/2012	6.89	ND	87.25	80.36	NA	NA	NA		
	9/18/2012	6.78	ND	87.25	80.47	NA	NA	NA		
	9/26/2012	6.88	ND	87.25	80.37	NA	NA	NA		
	10/5/2012*	5.01	ND	87.25	82.24	NA	NA	NA		
	10/11/2012	5.70	ND	87.25	81.55	NA	NA	NA		> 5.0
	10/16/2012	6.33	ND	87.25	80.92	NA	NA	NA		
	10/22/2012	6.44	ND	87.25	80.81	NA	NA	NA		
	10/31/2012	5.30	ND	87.25	81.95	NA	NA	NA		
	11/7/2012	5.10	ND	87.25	82.15	NA	NA	NA		
	11/13/2012	6.02	ND	87.25	81.23	NA	NA	NA		2.50
	11/21/2012	6.33	ND	87.25	80.92	NA	NA	NA		
	11/27/2012	6.78	ND	87.25	80.47	NA	NA	NA		
	12/4/2012	6.92	ND	87.25	80.33	NA	NA	NA		1.30
	12/13/2012	7.08	ND	87.25	80.17	NA	NA	NA		
	12/21/2012	7.49	ND	87.25	79.76	NA	NA	NA		
	12/28/2012	7.32	ND	87.25	79.93	NA	NA	NA		
	1/4/2013	7.21	ND	87.25	80.04	NA	NA	NA		0.54
	1/9/2013	7.21	ND	87.25	80.04	NA	NA	NA		
	1/16/2013	7.88	ND	87.25	79.37	NA	NA	NA		
	1/21/2013*	5.36	ND	87.25	81.89	NA	NA	NA		
	2/8/2013	6.79	ND	87.25	80.46	NA	NA	NA		0.20
	3/8/2013	6.49	ND	87.25	80.76	NA	NA	NA		1.40
	4/16/2013	6.22	ND	87.25	81.03	NA	NA	NA		0.00
	4/17/2013*	5.16	ND	87.25	82.09	NA	NA	NA		
	5/3/2013	4.98	ND	87.25	82.27	NA	NA	NA		1.75
	6/13/2013	3.32	ND	87.25	83.93	NA	NA	NA		0.00
	7/11/2013	4.44	ND	87.25	82.81	NA	NA	NA		5.00
	7/19/2013*	4.85	ND	87.25	82.40	NA	NA	NA		
	8/1/2013	5.45	ND	87.25	81.80	NA	NA	NA		7.10
	9/5/2013	6.34	ND	87.25	80.91	NA	NA	NA		
	10/7/2013	6.18	ND	87.25	81.07	NA	NA	NA		0.00
	10/8/2013*	4.88	ND	87.25	82.37	NA	NA	NA		
	10/22/2013*	3.61	ND	87.25	83.64	NA	NA	NA		
	11/6/2013	5.25	ND	87.25	82.00	NA	NA	NA		3.20
	12/4/2013	6.50	ND	87.25	80.75	NA	NA	NA		0.42
	1/6/2014*	5.66	ND	87.25	81.59	NA	NA	NA		
	2/24/2014	3.75	ND	87.25	83.50	NA	NA	NA		
	3/10/2014	4.18	ND	87.25	83.07	NA	NA	NA		2.8

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	4/22/2014	6.58	ND	87.25	80.67	NA	NA	NA		1.5
	4/23/2014*	4.81	ND	87.25	82.44	NA	NA	NA		
	5/7/2014	1.80	ND	87.25	85.45	NA	NA	NA		1.2
	6/3/2014	5.77	ND	87.25	81.48	NA	NA	NA		
	7/3/2014	3.45	ND	87.25	83.80	NA	NA	NA		1.5
	7/17/2014	2.10	ND	87.25	85.15	NA	NA	NA		
	8/25/2014	5.05	ND	87.25	82.20	NA	NA	NA		1.6
	9/9/2014	4.44	ND	87.25	82.81	NA	NA	NA		5.4
	10/7/2014	4.90	ND	87.25	82.35	NA	NA	NA		
	10/8/2014*	4.82	ND	87.25	82.43	NA	NA	NA		
	11/4/2014	4.80	ND	87.25	82.45	NA	NA	NA		1.7
	12/1/2014	4.30	ND	87.25	82.95	NA	NA	NA		>5.0
	1/9/2015*	2.18	ND	87.25	85.07	NA	NA	NA		
	2/3/2015	3.88	ND	87.25	83.37	NA	NA	NA		2.0
	3/17/2015	4.00	ND	87.25	83.25	NA	NA	NA	positive pressure	
	4/14/2015	3.90	ND	87.25	83.35	NA	NA	NA		
	4/15/2015*	3.53	ND	87.25	83.72	NA	NA	NA		
	5/12/2015	3.33	ND	87.25	83.92	NA	NA	NA	positive pressure	
	6/9/2015	3.49	ND	87.25	83.76	NA	NA	NA		3.70
	7/7/2015	3.04	ND	87.25	84.21	NA	NA	NA		0.85
	8/3/2015	5.74	ND	87.25	81.51	NA	NA	NA		0.00
	9/2/2015	2.43	ND	87.25	84.82	NA	NA	NA		
	10/20/2015	5.56	ND	87.25	81.69	NA	NA	NA		0.80
	10/21/2015	5.07	ND	87.25	82.18	NA	NA	NA		
	11/3/2015	6.14	ND	87.25	81.11	NA	NA	NA		0.65
	12/3/2015	0.95	ND	87.25	86.30	NA	NA	NA		
	1/14/2016	0.40	ND	87.25	86.85	NA	NA	NA		
	2/10/2016	0.00	ND	87.25	87.25	NA	NA	NA		
	3/9/2016	0.30	ND	87.25	86.95	NA	NA	NA		
	4/8/2016	0.10	ND	87.25	87.15	NA	NA	NA		
	5/24/2016	0.00	ND	87.25	87.25	NA	NA	NA		
	8/25/2016	0.60	ND	87.25	86.65	NA	NA	NA		
	11/16/2016	1.49	ND	87.25	85.76	NA	NA	NA		
	1/24/2017	0.68	ND	87.25	86.57	NA	NA	NA		
	4/27/2017	1.73	ND	87.25	85.52	NA	NA	NA		
	7/13/2017	1.23	ND	87.25	86.02	NA	NA	NA		
	10/26/2017	1.55	ND	87.25	85.70	NA	NA	NA		
	2/13/2018	0.00	ND	87.25	87.25	NA	NA	NA		
	4/27/2018	0.25	ND	87.25	87.00	NA	NA	NA		
	7/19/2018	1.15	ND	87.25	86.10	NA	NA	NA		
	9/6/2018	0.30	ND	87.25	86.95	NA	NA	NA		
	10/24/2018	0.61	ND	87.25	86.64	NA	NA	NA		
	1/22/2019	0.00	ND	87.25	87.25	NA	NA	NA		
	7/24/2019	0.01	ND	87.25	87.24	NA	NA	NA		
	MW-22 abandoned on December 11, 2019									
MW-23	11/13/2012	11.01	ND	85.83	74.82	NA	NA	NA		0.16
	11/21/2012	11.27	ND	85.83	74.56	NA	NA	NA		
	11/27/2012	11.64	ND	85.83	74.19	NA	NA	NA		
	12/4/2012	11.74	ND	85.83	74.09	NA	NA	NA		0.00
	12/13/2012	11.80	ND	85.83	74.03	NA	NA	NA		
	12/21/2012	11.83	ND	85.83	74.00	NA	NA	NA		
	12/28/2012	10.95	ND	85.83	74.88	NA	NA	NA		
	1/4/2013	10.80	ND	85.83	75.03	NA	NA	NA		0.00

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
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Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	1/9/2013	10.66	ND	85.83	75.17	NA	NA	NA		
	1/16/2013	10.40	ND	85.83	75.43	NA	NA	NA		
	1/21/2013*	9.92	ND	85.83	75.91	NA	NA	NA		
	2/8/2013	9.63	ND	85.83	76.20	NA	NA	NA		0.00
	3/8/2013	9.38	ND	85.83	76.45	NA	NA	NA		1.00
	4/16/2013	9.57	ND	85.83	76.26	NA	NA	NA		0.00
	4/17/2013*	9.52	ND	85.83	76.31	NA	NA	NA		
	5/3/2013	9.41	ND	85.83	76.42	NA	NA	NA		0.00
	6/13/2013	9.29	ND	85.83	76.54	NA	NA	NA		0.00
	7/11/2013	9.58	ND	85.83	76.25	NA	NA	NA		0.00
	7/19/2013*	9.18	ND	85.83	76.65	NA	NA	NA		
	8/1/2013	9.54	ND	85.83	76.29	NA	NA	NA		0.00
	9/5/2013	9.88	ND	85.83	75.95	NA	NA	NA		
	10/7/2013	9.70	ND	85.83	76.13	NA	NA	NA		0.00
	10/8/2013*	9.18	ND	85.83	76.65	NA	NA	NA		
	10/22/2013*	8.75	ND	85.83	77.08	NA	NA	NA		
	11/6/2013	8.96	ND	85.83	76.87	NA	NA	NA		+0.7
	12/4/2013	9.18	ND	85.83	76.65	NA	NA	NA		0.00
	1/6/2014*	7.74	ND	85.83	78.09	NA	NA	NA		
	2/24/2014	7.77	ND	85.83	78.06	NA	NA	NA		
	3/10/2014	7.18	ND	85.83	78.65	NA	NA	NA		+2.4
	4/22/2014	7.68	ND	85.83	78.15	NA	NA	NA		+0.9
	4/23/2014*	7.03	ND	85.83	78.80	NA	NA	NA		
	5/7/2014	7.40	ND	85.83	78.43	NA	NA	NA		+5.0
	6/3/2014	7.24	ND	85.83	78.59	NA	NA	NA		
	7/3/2014	8.75	ND	85.83	77.08	NA	NA	NA	positive pressure	
	7/17/2014	8.19	ND	85.83	77.64	NA	NA	NA		
	8/25/2014	9.37	ND	85.83	76.46	NA	NA	NA	positive pressure	
	9/9/2014	9.33	ND	85.83	76.50	NA	NA	NA		0.0
	10/7/2014	9.53	ND	85.83	76.30	NA	NA	NA		
	10/8/2014*	9.15	ND	85.83	76.68	NA	NA	NA		
	11/4/2014	9.11	ND	85.83	76.72	NA	NA	NA	positive pressure	
	12/1/2014	8.69	ND	85.83	77.14	NA	NA	NA		
	1/7/2015	7.41	ND	85.83	78.42	NA	NA	NA		0.0
	1/9/2015*	4.02	ND	85.83	81.81	NA	NA	NA		
	2/3/2015	4.12	ND	85.83	81.71	NA	NA	NA		-1.0
	3/17/2015	4.35	ND	85.83	81.48	NA	NA	NA	positive pressure	
	4/14/2015	4.65	ND	85.83	81.18	NA	NA	NA		
	4/15/2015*	4.49	ND	85.83	81.34	NA	NA	NA		
	5/12/2015	7.15	ND	85.83	78.68	NA	NA	NA	positive pressure	
	6/9/2015	5.66	ND	85.83	80.17	NA	NA	NA	positive pressure	
	7/7/2015	8.34	ND	85.83	77.49	NA	NA	NA		>0
	8/3/2015	9.27	ND	85.83	76.56	NA	NA	NA		0.00
	9/2/2015	9.06	ND	85.83	76.77	NA	NA	NA		
	10/20/2015	9.21	ND	85.83	76.62	NA	NA	NA		0.00
	10/21/2015	8.88	ND	85.83	76.95	NA	NA	NA		
	11/3/2015	9.04	ND	85.83	76.79	NA	NA	NA		0.00
	12/3/2015	8.23	ND	85.83	77.60	NA	NA	NA	positive pressure	
	1/14/2016	4.58	ND	85.83	81.25	NA	NA	NA		
	2/10/2016	5.10	ND	85.83	80.73	NA	NA	NA		
	3/9/2016	2.42	ND	85.83	83.41	NA	NA	NA		
	4/8/2016	2.45	ND	85.83	83.38	NA	NA	NA		
	5/24/2016	4.42	ND	85.83	81.41	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	8/25/2016	6.10	ND	85.83	79.73	NA	NA	NA		
	11/16/2016	9.47	ND	85.83	76.36	NA	NA	NA		
	1/24/2017	3.75	ND	85.83	82.08	NA	NA	NA		
	4/27/2017	5.41	ND	85.83	80.42	NA	NA	NA		
	7/13/2017	5.63	ND	85.83	80.20	NA	NA	NA		
	10/25/2017	5.17	ND	85.83	80.66	NA	NA	NA		
	2/13/2018	1.22	ND	85.83	84.61	NA	NA	NA		
	4/27/2018	3.74	ND	85.83	82.09	NA	NA	NA		
	7/19/2018	3.36	ND	85.83	82.47	NA	NA	NA		
	9/6/2018	4.13	ND	85.83	81.70	NA	NA	NA		
	10/24/2018	5.82	ND	85.83	80.01	NA	NA	NA		
	1/22/2019	1.50	ND	85.83	84.33	NA	NA	NA		
	7/24/2019	3.83	ND	85.83	82.00	NA	NA	NA		
	4/23/2020	3.89	ND	85.83	81.94	NA	NA	NA		
	7/7/2020	9.19	ND	85.83	76.64	NA	NA	NA		
	10/8/2020	9.41	ND	85.83	76.42	NA	NA	NA		
	1/14/2021	9.44	ND	85.83	76.39	NA	NA	NA		
	4/8/2021	5.98	ND	85.83	79.85	NA	NA	NA		
	7/7/2021	5.95	ND	85.83	79.88	NA	NA	NA		
	10/7/2021	9.50	ND	85.83	76.33	NA	NA	NA		
	1/13/2022	8.30	ND	85.83	77.53	NA	NA	NA		
	4/6/2022	6.82	ND	85.83	79.01	NA	NA	NA		
	7/12/2022	9.47	ND	85.83	76.36	NA	NA	NA		
MW-24	11/13/2012	7.99	ND	88.66	80.67	NA	NA	NA		
	11/21/2012	8.29	ND	88.66	80.37	NA	NA	NA		
	11/27/2012	8.39	ND	88.66	80.27	NA	NA	NA		
	12/4/2012	8.50	ND	88.66	80.16	NA	NA	NA		0.00
	12/13/2012	8.55	ND	88.66	80.11	NA	NA	NA		
	12/21/2012	8.84	ND	88.66	79.82	NA	NA	NA		
	12/28/2012	8.73	ND	88.66	79.93	NA	NA	NA		
	1/4/2013	8.70	ND	88.66	79.96	NA	NA	NA		
	1/9/2013	8.71	ND	88.66	79.95	NA	NA	NA		
	1/16/2013	NG	ND	88.66	NG	NA	NA	NA		
	1/21/2013*	8.19	ND	88.66	80.47	NA	NA	NA		
	2/8/2013	7.94	ND	88.66	80.72	NA	NA	NA		0.60
	3/8/2013	8.04	ND	88.66	80.62	NA	NA	NA		1.00
	4/16/2013	7.42	ND	88.66	81.24	NA	NA	NA		
	4/17/2013*	6.34	ND	88.66	82.32	NA	NA	NA		
	5/3/2013	6.54	ND	88.66	82.12	NA	NA	NA		2.00
	7/11/2013	6.59	ND	88.66	82.07	NA	NA	NA		0.00
	6/13/2013	6.22	ND	88.66	82.44	NA	NA	NA		0.70
	7/19/2013*	5.12	ND	88.66	83.54	NA	NA	NA		
	8/1/2013	8.35	ND	88.66	80.31	NA	NA	NA		0.00
	9/5/2013	7.61	ND	88.66	81.05	NA	NA	NA		
	10/7/2013	7.65	ND	88.66	81.01	NA	NA	NA		0.00
	10/8/2013*	6.19	ND	88.66	82.47	NA	NA	NA		
	10/22/2013*	5.31	ND	88.66	83.35	NA	NA	NA		
	11/6/2013	7.15	ND	88.66	81.51	NA	NA	NA		0.00
	12/4/2013	8.02	ND	88.66	80.64	NA	NA	NA		0.00
	1/6/2014*	6.25	ND	88.66	82.41	NA	NA	NA		
	2/24/2014	5.96	ND	88.66	82.70	NA	NA	NA		
	3/10/2014	5.42	ND	88.66	83.24	NA	NA	NA		2.2
	4/22/2014	7.91	ND	88.66	80.75	NA	NA	NA		0.0

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Gasoline Fueling Station – Royal Farms #64
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Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	4/23/2014*	5.87	ND	88.66	82.79	NA	NA	NA		
	5/7/2014	2.15	ND	88.66	86.51	NA	NA	NA		0.1
	6/3/2014	7.81	ND	88.66	80.85	NA	NA	NA		
	7/3/2014	4.99	ND	88.66	83.67	NA	NA	NA		0.02
	7/17/2014	3.31	ND	88.66	85.35	NA	NA	NA		
	8/25/2014	7.20	ND	88.66	81.46	NA	NA	NA		0.0
	9/9/2014	6.42	ND	88.66	82.24	NA	NA	NA		0.02
	10/7/2014	7.25	ND	88.66	81.41	NA	NA	NA		
	10/8/2014*	5.88	ND	88.66	82.78	NA	NA	NA		
	11/4/2014	6.61	ND	88.66	82.05	NA	NA	NA		
	12/1/2014	6.30	ND	88.66	82.36	NA	NA	NA		
	1/7/2015	4.55	ND	88.66	84.11	NA	NA	NA		0.00
	1/9/2015*	3.41	ND	88.66	85.25	NA	NA	NA		
	2/3/2015	5.88	ND	88.66	82.78	NA	NA	NA		positive
	3/17/2015	4.61	ND	88.66	84.05	NA	NA	NA		-0.60
	4/14/2015	4.90	ND	88.66	83.76	NA	NA	NA		
	4/15/2015*	3.05	ND	88.66	85.61	NA	NA	NA		
	5/12/2015	4.72	ND	88.66	83.94	NA	NA	NA		0.00
	6/9/2015	4.93	ND	88.66	83.73	NA	NA	NA		0.05
	7/7/2015	3.12	ND	88.66	85.54	NA	NA	NA		0.00
	8/3/2015	7.35	ND	88.66	81.31	NA	NA	NA		0.00
	9/2/2015	3.95	ND	88.66	84.71	NA	NA	NA		
	10/20/2015	7.22	ND	88.66	81.44	NA	NA	NA		0.00
	10/21/2015	6.23	ND	88.66	82.43	NA	NA	NA		
	11/3/2015	7.68	ND	88.66	80.98	NA	NA	NA		0.00
	12/3/2015	2.33	ND	88.66	86.33	NA	NA	NA		
	1/14/2016	2.21	ND	88.66	86.45	NA	NA	NA		
	2/10/2016	1.90	ND	88.66	86.76	NA	NA	NA		
	3/9/2016	1.91	ND	88.66	86.75	NA	NA	NA		
	4/8/2016	1.78	ND	88.66	86.88	NA	NA	NA		
	5/24/2016	1.98	ND	88.66	86.68	NA	NA	NA		
	8/25/2016	1.71	ND	88.66	86.95	NA	NA	NA		
	11/16/2016	3.10	ND	88.66	85.56	NA	NA	NA		
	1/24/2017	2.22	ND	88.66	86.44	NA	NA	NA		
	4/27/2017	2.25	ND	88.66	86.41	NA	NA	NA		
	7/13/2017	2.80	ND	88.66	85.86	NA	NA	NA		
	10/25/2017	3.00	ND	88.66	85.66	NA	NA	NA		
	2/13/2018	1.20	ND	88.66	87.46	NA	NA	NA		
	4/27/2018	1.82	ND	88.86	87.04	NA	NA	NA		
	7/19/2018	2.32	ND	88.86	86.54	NA	NA	NA		
	9/6/2018	2.04	ND	88.86	86.82	NA	NA	NA		
	10/24/2018	2.15	ND	88.86	86.71	NA	NA	NA		
	1/22/2019	1.66	ND	88.86	87.20	NA	NA	NA		
	7/24/2019	1.57	ND	88.86	87.29	NA	NA	NA		
	4/23/2020	1.81	ND	88.86	87.05	NA	NA	NA		
	7/7/2020	1.42	ND	88.86	87.44	NA	NA	NA		
	10/8/2020	1.80	ND	88.86	87.06	NA	NA	NA		
	1/14/2021	1.81	ND	88.86	87.05	NA	NA	NA		
	4/8/2021	1.77	ND	88.86	87.09	NA	NA	NA		
	7/7/2021	1.83	ND	88.86	87.03	NA	NA	NA		
	10/7/2021	2.05	ND	88.86	86.81	NA	NA	NA		
	1/13/2022	2.12	ND	88.86	86.74	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	4/6/2022	2.50	ND	88.86	86.36	NA	NA	NA		
	7/12/2022	1.23	ND	88.86	87.63	NA	NA	NA		
MW-25	10/16/2013	10.92	ND	83.48	72.56	NA	NA	NA		
	10/22/2013*	11.01	ND	83.48	72.47	NA	NA	NA		
	11/6/2013	11.43	ND	83.48	72.05	NA	NA	NA		
	12/4/2013	11.03	ND	83.48	72.45	NA	NA	NA		
	1/6/2014*	10.35	ND	83.48	73.13	NA	NA	NA		
	2/24/2014	9.80	ND	83.48	73.68	NA	NA	NA		
	3/10/2014	10.00	ND	83.48	73.48	NA	NA	NA		
	4/22/2014	9.77	ND	83.48	73.71	NA	NA	NA		
	4/23/2014*	9.88	ND	83.48	73.60	NA	NA	NA		
	5/7/2014	9.62	ND	83.48	73.86	NA	NA	NA		
	6/3/2014	10.59	ND	83.48	72.89	NA	NA	NA		
	7/3/2014	10.42	ND	83.48	73.06	NA	NA	NA		
	7/17/2014	10.40	ND	83.48	73.08	NA	NA	NA		
	8/25/2014	11.30	ND	83.48	72.18	NA	NA	NA		
	9/9/2014	9.78	ND	83.48	73.70	NA	NA	NA		
	10/7/2014	11.41	ND	83.48	72.07	NA	NA	NA		
	10/8/2014*	11.47	ND	83.48	72.01	NA	NA	NA		
	11/4/2014	10.90	ND	83.48	72.58	NA	NA	NA		
	12/1/2014	10.13	ND	83.48	73.35	NA	NA	NA		
	1/7/2015	10.09	ND	83.48	73.39	NA	NA	NA		
	1/9/2015*	9.97	ND	83.48	73.51	NA	NA	NA		
	2/3/2015	9.99	ND	83.48	73.49	NA	NA	NA		
	3/17/2015	9.13	ND	83.48	74.35	NA	NA	NA		
	4/14/2015	10.01	ND	83.48	73.47	NA	NA	NA		
	4/15/2015*	10.01	ND	83.48	73.47	NA	NA	NA		
	5/12/2015	10.79	ND	83.48	72.69	NA	NA	NA		
	6/9/2015	10.14	ND	83.48	73.34	NA	NA	NA		
	7/7/2015	9.61	ND	83.48	73.87	NA	NA	NA		
	8/3/2015	10.85	ND	83.48	72.63	NA	NA	NA		
	9/2/2015	10.96	ND	83.48	72.52	NA	NA	NA		
	10/20/2015	10.80	ND	83.48	72.68	NA	NA	NA		
	10/21/2015	10.80	ND	83.48	72.68	NA	NA	NA		
	11/3/2015	11.01	ND	83.48	72.47	NA	NA	NA		
	12/3/2015	9.89	ND	83.48	73.59	NA	NA	NA		
	1/14/2016	9.65	ND	83.48	73.83	NA	NA	NA		
	2/10/2016	9.19	ND	83.48	74.29	NA	NA	NA		
	3/9/2016	10.00	ND	83.48	73.48	NA	NA	NA		
	4/8/2016	10.16	ND	83.48	73.32	NA	NA	NA		
	5/24/2016	9.46	ND	83.48	74.02	NA	NA	NA		
	8/25/2016	12.00	ND	83.48	71.48	NA	NA	NA		
	11/16/2016	11.30	ND	83.48	72.18	NA	NA	NA		
	1/24/2017	9.41	ND	83.48	74.07	NA	NA	NA		
	4/27/2017	10.14	ND	83.48	73.34	NA	NA	NA		
	7/13/2017	11.34	ND	83.48	72.14	NA	NA	NA		
	10/25/2017	11.16	ND	83.48	72.32	NA	NA	NA		
	2/13/2018	10.22	ND	83.48	73.26	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	4/27/2018	9.60	ND	83.48	73.88	NA	NA	NA		
	7/19/2018	9.42	ND	83.48	74.06	NA	NA	NA		
	9/6/2018	NG	NA	NA	NA	NA	NA	NA		
	10/24/2018	10.25	ND	83.48	73.23	NA	NA	NA		
	1/22/2019	9.37	ND	83.48	74.11	NA	NA	NA		
	7/24/2019	10.11	ND	83.48	73.37	NA	NA	NA		
	4/23/2020	10.09	ND	83.48	73.39	NA	NA	NA		
MW-25 abandoned on May 5, 2020										
MW-26	10/16/2013	11.74	ND	83.89	72.15	NA	NA	NA		
	10/22/2013*	11.88	ND	83.89	72.01	NA	NA	NA		
	11/6/2013	12.33	ND	83.89	71.56	NA	NA	NA		
	12/4/2013	11.85	ND	83.89	72.04	NA	NA	NA		
	1/6/2014*	10.50	ND	83.89	73.39	NA	NA	NA		
	2/24/2014	9.15	ND	83.89	74.74	NA	NA	NA		
	3/10/2014	9.41	ND	83.89	74.48	NA	NA	NA		
	4/22/2014	9.69	ND	83.89	74.20	NA	NA	NA		
	4/23/2014*	9.69	ND	83.89	74.20	NA	NA	NA		
	5/7/2014	9.59	ND	83.89	74.30	NA	NA	NA		
	6/3/2014	10.99	ND	83.89	72.90	NA	NA	NA		
	7/3/2014	10.80	ND	83.89	73.09	NA	NA	NA		
	7/17/2014	10.60	ND	83.89	73.29	NA	NA	NA		
	8/25/2014	12.15	ND	83.89	71.74	NA	NA	NA		
	9/9/2014	9.97	ND	83.89	73.92	NA	NA	NA		
	10/7/2014	12.38	ND	83.89	71.51	NA	NA	NA		
	10/8/2014*	12.37	ND	83.89	71.52	NA	NA	NA		
	11/4/2014	11.65	ND	83.89	72.24	NA	NA	NA		
	12/1/2014	10.40	ND	83.89	73.49	NA	NA	NA		
	1/7/2015	9.84	ND	83.89	74.05	NA	NA	NA		
	1/9/2015*	9.82	ND	83.89	74.07	NA	NA	NA		
	2/3/2015	10.06	ND	83.89	73.83	NA	NA	NA		
	3/17/2015	8.69	ND	83.89	75.20	NA	NA	NA		
	4/14/2015	10.05	ND	83.89	73.84	NA	NA	NA		
	4/15/2015*	10.13	ND	83.89	73.76	NA	NA	NA		
	5/12/2015	11.30	ND	83.89	72.59	NA	NA	NA		
	6/9/2015	10.14	ND	83.89	73.75	NA	NA	NA		
	7/7/2015	9.63	ND	83.89	74.26	NA	NA	NA		
	8/3/2015	11.56	ND	83.89	72.33	NA	NA	NA		
	9/2/2015	11.55	ND	83.89	72.34	NA	NA	NA		
	10/20/2015	11.51	ND	83.89	72.38	NA	NA	NA		
	10/21/2015	11.57	ND	83.89	72.32	NA	NA	NA		
	11/3/2015	11.85	ND	83.89	72.04	NA	NA	NA		
	12/3/2015	9.49	ND	83.89	74.40	NA	NA	NA		
	1/14/2016	9.34	ND	83.89	74.55	NA	NA	NA		
	2/10/2016	NG	ND	83.89	NG	NA	NA	NA	No accesss	
	3/9/2016	9.43	ND	83.89	74.46	NA	NA	NA		
	4/8/2016	9.76	ND	83.89	74.13	NA	NA	NA	No accesss	
	5/24/2016	8.45	ND	83.89	75.44	NA	NA	NA		
	8/25/2016	10.70	ND	83.89	73.19	NA	NA	NA		
	11/16/2016	12.90	ND	83.89	70.99	NA	NA	NA		
	1/24/2017	8.57	ND	83.89	75.32	NA	NA	NA		
	4/27/2017	9.37	ND	83.89	74.52	NA	NA	NA		
	7/13/2017	11.94	ND	83.89	71.95	NA	NA	NA		
	10/25/2017	11.68	ND	83.89	72.21	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	2/13/2018	8.50	ND	83.89	75.39	NA	NA	NA		
	4/27/2018	8.05	ND	83.89	75.84	NA	NA	NA		
	7/19/2018	11.95	ND	83.89	71.94	NA	NA	NA		
	9/6/2018	9.00	ND	83.89	74.89	NA	NA	NA		
	10/24/2018	9.97	ND	83.89	73.92	NA	NA	NA		
	1/22/2019	8.12	ND	83.89	75.77	NA	NA	NA		
	7/24/2019	9.19	ND	83.89	74.70	NA	NA	NA		
	4/23/2020	8.83	ND	83.89	75.06	NA	NA	NA		
	7/7/2020	9.00	ND	83.89	74.89	NA	NA	NA		
	10/8/2020	10.09	ND	83.89	73.80	NA	NA	NA		
	1/14/2021	9.09	ND	83.89	74.80	NA	NA	NA		
	4/8/2021	8.23	ND	83.89	75.66	NA	NA	NA		
	7/7/2021	9.91	ND	83.89	73.98	NA	NA	NA		
	10/7/2021	11.02	ND	83.89	72.87	NA	NA	NA		
	1/13/2022	11.06	ND	83.89	72.83	NA	NA	NA		
	4/6/2022	8.40	ND	83.89	75.49	NA	NA	NA		
	7/12/2022	8.55	ND	83.89	75.34	NA	NA	NA		
MW-27	10/16/2013	8.23	ND	81.98	73.75	NA	NA	NA		
	10/22/2013*	8.17	ND	81.98	73.81	NA	NA	NA		
	11/6/2013	8.42	ND	81.98	73.56	NA	NA	NA		
	12/4/2013	8.14	ND	81.98	73.84	NA	NA	NA		
	1/6/2014*	6.92	ND	81.98	75.06	NA	NA	NA		
	2/24/2014	6.19	ND	81.98	75.79	NA	NA	NA		
	3/10/2014	6.75	ND	81.98	75.23	NA	NA	NA		
	4/22/2014	6.66	ND	81.98	75.32	NA	NA	NA		
	4/23/2014*	6.82	ND	81.98	75.16	NA	NA	NA		
	5/7/2014	6.37	ND	81.98	75.61	NA	NA	NA		
	6/3/2014	7.75	ND	81.98	74.23	NA	NA	NA		
	7/3/2014	7.55	ND	81.98	74.43	NA	NA	NA		
	7/17/2014	7.57	ND	81.98	74.41	NA	NA	NA		
	8/25/2014	8.50	ND	81.98	73.48	NA	NA	NA		
	9/9/2014	8.30	ND	81.98	73.68	NA	NA	NA		
	10/7/2014	8.71	ND	81.98	73.27	NA	NA	NA		
	10/8/2014*	8.70	ND	81.98	73.28	NA	NA	NA		
	11/4/2014	8.11	ND	81.98	73.87	NA	NA	NA		
	12/1/2014	7.30	ND	81.98	74.68	NA	NA	NA		
	1/8/2015*	6.80	ND	81.98	75.18	NA	NA	NA		
	2/3/2015	6.90	ND	81.98	75.08	NA	NA	NA		
	3/17/2015	5.70	ND	81.98	76.28	NA	NA	NA		
	4/14/2015	6.92	ND	81.98	75.06	NA	NA	NA		
	4/15/2015*	6.65	ND	81.98	75.33	NA	NA	NA		
	5/12/2015	7.81	ND	81.98	74.17	NA	NA	NA		
	6/9/2015	5.73	ND	81.98	76.25	NA	NA	NA		
	7/7/2015	6.84	ND	81.98	75.14	NA	NA	NA		
	8/3/2015	8.19	ND	81.98	73.79	NA	NA	NA		
	9/2/2015	8.21	ND	81.98	73.77	NA	NA	NA		
	10/20/2015	8.07	ND	81.98	73.91	NA	NA	NA		
	10/21/2015	8.12	ND	81.98	73.86	NA	NA	NA		
	11/3/2015	8.43	ND	81.98	73.55	NA	NA	NA		
	12/3/2015	7.22	ND	81.98	74.76	NA	NA	NA		
	1/14/2016	6.68	ND	81.98	75.30	NA	NA	NA		
	2/10/2016	6.02	ND	81.98	75.96	NA	NA	NA		
	3/9/2016	6.91	ND	81.98	75.07	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	4/8/2016	7.60	ND	81.98	74.38	NA	NA	NA		
	5/24/2016	6.42	ND	81.98	75.56	NA	NA	NA		
	8/25/2016	7.20	ND	81.98	74.78	NA	NA	NA		
	11/16/2016	8.34	ND	81.98	73.64	NA	NA	NA		
	1/24/2017	7.00	ND	81.98	74.98	NA	NA	NA		
	4/27/2017	7.05	ND	81.98	74.93	NA	NA	NA		
	7/13/2017	8.49	ND	81.98	73.49	NA	NA	NA		
	10/25/2017	8.39	ND	81.98	73.59	NA	NA	NA		
	2/13/2018	7.50	ND	81.98	74.48	NA	NA	NA		
	4/27/2018	6.45	ND	81.98	75.53	NA	NA	NA		
	7/19/2018	8.51	ND	81.98	73.47	NA	NA	NA		
	9/6/2018	7.15	ND	81.98	74.83	NA	NA	NA		
	10/24/2018	7.50	ND	81.98	74.48	NA	NA	NA		
	1/22/2019	6.31	ND	81.98	75.67	NA	NA	NA		
	7/24/2019	7.35	ND	81.98	74.63	NA	NA	NA		
	4/23/2020	6.96	ND	81.98	75.02	NA	NA	NA		
	7/7/2020	7.81	ND	81.98	74.17	NA	NA	NA		
	10/8/2020	7.45	ND	81.98	74.53	NA	NA	NA		
	1/14/2021	7.02	ND	81.98	74.96	NA	NA	NA		
	4/8/2021	6.62	ND	81.98	75.36	NA	NA	NA		
	7/7/2021	7.11	ND	81.98	74.87	NA	NA	NA		
	10/7/2021	8.05	ND	81.98	73.93	NA	NA	NA		
	1/13/2022	7.82	ND	81.98	74.16	NA	NA	NA		
	4/6/2022	7.15	ND	81.98	74.83	NA	NA	NA		
	7/12/2022	7.35	ND	81.98	74.63	NA	NA	NA		
MW-28	10/16/2013	6.29	ND	87.04	80.75	NA	NA	NA		
	10/22/2013*	7.00	ND	87.04	80.04	NA	NA	NA		
	11/6/2013	7.15	ND	87.04	79.89	NA	NA	NA		
	12/4/2013	6.98	ND	87.04	80.06	NA	NA	NA		
	1/6/2014*	6.03	ND	87.04	81.01	NA	NA	NA		
	2/24/2014	5.35	ND	87.04	81.69	NA	NA	NA		
	3/10/2014	6.07	ND	87.04	80.97	NA	NA	NA		
	4/22/2014	5.87	ND	87.04	81.17	NA	NA	NA		
	4/23/2014*	6.31	ND	87.04	80.73	NA	NA	NA		
	5/7/2014	5.29	ND	87.04	81.75	NA	NA	NA		
	6/3/2014	7.13	ND	87.04	79.91	NA	NA	NA		
	7/3/2014	6.12	ND	87.04	80.92	NA	NA	NA		
	7/17/2014	5.94	ND	87.04	81.10	NA	NA	NA		
	8/25/2014	7.40	ND	87.04	79.64	NA	NA	NA		
	9/9/2014	7.90	ND	87.04	79.14	NA	NA	NA		
	10/8/2014	7.31	ND	87.04	79.73	NA	NA	NA		
	11/4/2014	7.15	ND	87.04	79.89	NA	NA	NA		
	12/1/2014	6.35	ND	87.04	80.69	NA	NA	NA		
	1/8/2015*	5.75	ND	87.04	81.29	NA	NA	NA		
	2/3/2015	6.02	ND	87.04	81.02	NA	NA	NA		
	3/17/2015	5.03	ND	87.04	82.01	NA	NA	NA		
	4/14/2015	5.95	ND	87.04	81.09	NA	NA	NA		
	4/15/2015*	5.68	ND	87.04	81.36	NA	NA	NA		
	5/12/2015	6.31	ND	87.04	80.73	NA	NA	NA		
	6/9/2015	5.73	ND	87.04	81.31	NA	NA	NA		
	7/7/2015	5.51	ND	87.04	81.53	NA	NA	NA		
	8/3/2015	6.81	ND	87.04	80.23	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	9/2/2015	6.30	ND	87.04	80.74	NA	NA	NA		
	10/20/2015	6.94	ND	87.04	80.10	NA	NA	NA		
	10/21/2015	6.90	ND	87.04	80.14	NA	NA	NA		
	11/3/2015	7.13	ND	87.04	79.91	NA	NA	NA		
	12/3/2015	4.76	ND	87.04	82.28	NA	NA	NA		
	1/14/2016	5.04	ND	87.04	82.00	NA	NA	NA		
	2/10/2016	5.15	ND	87.04	81.89	NA	NA	NA		
	3/9/2016	5.28	ND	87.04	81.76	NA	NA	NA		
	4/8/2016	5.37	ND	87.04	81.67	NA	NA	NA		
	5/24/2016	4.63	ND	87.04	82.41	NA	NA	NA		
	8/25/2016	5.01	ND	87.04	82.03	NA	NA	NA		
	11/16/2016	6.63	ND	87.04	80.41	NA	NA	NA		
	1/24/2017	4.85	ND	87.04	82.19	NA	NA	NA		
	4/27/2017	5.60	ND	87.04	81.44	NA	NA	NA		
	7/13/2017	6.38	ND	87.04	80.66	NA	NA	NA		
	10/25/2017	6.56	ND	87.04	80.48	NA	NA	NA		
	2/13/2018	7.59	ND	87.04	79.45	NA	NA	NA		
	4/27/2018	5.10	ND	87.04	81.94	NA	NA	NA		
	7/19/2018	6.38	ND	87.04	80.66	NA	NA	NA		
	9/6/2018	5.74	ND	87.04	81.30	NA	NA	NA		
	10/24/2018	6.20	ND	87.04	80.84	NA	NA	NA		
	1/22/2019	4.81	ND	87.04	82.23	NA	NA	NA		
	7/24/2019	5.70	ND	87.04	81.34	NA	NA	NA		
	4/23/2020	5.44	ND	87.04	81.60	NA	NA	NA		
	7/7/2020	4.64	ND	87.04	82.40	NA	NA	NA		
	10/8/2020	6.15	ND	87.04	80.89	NA	NA	NA		
	1/14/2021	5.81	ND	87.04	81.23	NA	NA	NA		
	4/8/2021	4.75	ND	87.04	82.29	NA	NA	NA		
	7/7/2021	5.55	ND	87.04	81.49	NA	NA	NA		
	10/7/2021	5.85	ND	87.04	81.19	NA	NA	NA		
	1/13/2022	6.18	ND	87.04	80.86	NA	NA	NA		
	4/6/2022	5.15	ND	87.04	81.89	NA	NA	NA		
	7/12/2022	5.90	ND	87.04	81.14	NA	NA	NA		
MW-29	10/16/2013	9.22	ND	82.23	73.01	NA	NA	NA		
	10/22/2013*	9.06	ND	82.23	73.17	NA	NA	NA		
	11/6/2013	9.49	ND	82.23	72.74	NA	NA	NA		
	12/4/2013	8.40	ND	82.23	73.83	NA	NA	NA		
	1/6/2014*	7.15	ND	82.23	75.08	NA	NA	NA		
	2/24/2014	5.67	ND	82.23	76.56	NA	NA	NA		
	3/10/2014	6.26	ND	82.23	75.97	NA	NA	NA		
	4/22/2014	6.67	ND	82.23	75.56	NA	NA	NA		
	4/23/2014*	6.32	ND	82.23	75.91	NA	NA	NA		
	5/7/2014	6.36	ND	82.23	75.87	NA	NA	NA		
	6/3/2014	7.65	ND	82.23	74.58	NA	NA	NA		
	7/3/2014	7.30	ND	82.23	74.93	NA	NA	NA		
	7/17/2014	6.75	ND	82.23	75.48	NA	NA	NA		
	8/25/2014	5.70	ND	82.23	76.53	NA	NA	NA		
	9/9/2014	7.49	ND	82.23	74.74	NA	NA	NA		
	10/8/2014	9.96	ND	82.23	72.27	NA	NA	NA		
	11/4/2014	9.43	ND	82.23	72.80	NA	NA	NA		
	12/1/2014	7.88	ND	82.23	74.35	NA	NA	NA		
	1/8/2015*	6.95	ND	82.23	75.28	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	2/3/2015	7.10	ND	82.23	75.13	NA	NA	NA		
	3/17/2015	5.33	ND	82.23	76.90	NA	NA	NA		
	4/14/2015	6.88	ND	82.23	75.35	NA	NA	NA		
	4/15/2015*	6.82	ND	82.23	75.41	NA	NA	NA		
	5/12/2015	8.46	ND	82.23	73.77	NA	NA	NA		
	6/9/2015	6.60	ND	82.23	75.63	NA	NA	NA		
	7/7/2015	6.30	ND	82.23	75.93	NA	NA	NA		
	8/3/2015	8.66	ND	82.23	73.57	NA	NA	NA		
	9/2/2015	8.76	ND	82.23	73.47	NA	NA	NA		
	10/20/2015	8.70	ND	82.23	73.53	NA	NA	NA		
	10/21/2015	8.74	ND	82.23	73.49	NA	NA	NA		
	11/3/2015	8.98	ND	82.23	73.25	NA	NA	NA		
	12/3/2015	6.27	ND	82.23	75.96	NA	NA	NA		
	1/14/2016	6.38	ND	82.23	75.85	NA	NA	NA		
	2/10/2016	5.47	ND	82.23	76.76	NA	NA	NA		
	3/9/2016	6.82	ND	82.23	75.41	NA	NA	NA		
	4/8/2016	4.79	ND	82.23	77.44	NA	NA	NA		
	5/24/2016	5.85	ND	82.23	76.38	NA	NA	NA		
	8/25/2016	7.80	ND	82.23	74.43	NA	NA	NA		
	11/16/2016	9.13	ND	82.23	73.10	NA	NA	NA		
	1/24/2017	5.25	ND	82.23	76.98	NA	NA	NA		
	4/27/2017	5.98	ND	82.23	76.25	NA	NA	NA		
	7/13/2017	8.75	ND	82.23	73.48	NA	NA	NA		
	10/25/2017	8.95	ND	82.23	73.28	NA	NA	NA		
	2/13/2018	6.50	ND	82.23	75.73	NA	NA	NA		
	4/27/2018	4.37	ND	82.23	77.86	NA	NA	NA		
	7/19/2018	9.03	ND	82.23	73.20	NA	NA	NA		
	9/6/2018	6.46	ND	82.23	75.77	NA	NA	NA		
	10/24/2018	7.45	ND	82.23	74.78	NA	NA	NA		
	1/22/2019	5.36	ND	82.23	76.87	NA	NA	NA		
	7/24/2019	6.10	ND	82.23	76.13	NA	NA	NA		
	4/23/2020	6.23	ND	82.23	76.00	NA	NA	NA		
	7/7/2020	4.69	ND	82.23	77.54	NA	NA	NA		
	10/8/2020	7.03	ND	82.23	75.20	NA	NA	NA		
	1/14/2021	6.35	ND	82.23	75.88	NA	NA	NA		
	4/8/2021	5.77	ND	82.23	76.46	NA	NA	NA		
	7/7/2021	6.60	ND	82.23	75.63	NA	NA	NA		
	10/7/2021	10.80	ND	82.23	71.43	NA	NA	NA		
	1/13/2022	9.27	ND	82.23	72.96	NA	NA	NA		
	4/6/2022	9.55	ND	82.23	72.68	NA	NA	NA		
	7/12/2022	9.04	ND	82.23	73.19	NA	NA	NA		
MW-30	10/16/2013	7.19	ND	92.01	84.82	NA	NA	NA		
	10/22/2013*	7.08	ND	92.01	84.93	NA	NA	NA		
	11/6/2013	7.96	ND	92.01	84.05	NA	NA	NA		
	12/4/2013	8.24	ND	92.01	83.77	NA	NA	NA		
	1/6/2014*	7.91	ND	92.01	84.10	NA	NA	NA		
	2/24/2014	6.56	ND	92.01	85.45	NA	NA	NA		
	3/10/2014	6.23	ND	92.01	85.78	NA	NA	NA		
	4/22/2014	7.61	ND	92.01	84.40	NA	NA	NA		
	4/23/2014*	6.52	ND	92.01	85.49	NA	NA	NA		
	5/7/2014	4.62	ND	92.01	87.39	NA	NA	NA		
	6/3/2014	7.95	ND	92.01	84.06	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	7/3/2014	5.88	ND	92.01	86.13	NA	NA	NA		
	7/17/2014	5.59	ND	92.01	86.42	NA	NA	NA		
	8/25/2014	7.81	ND	92.01	84.20	NA	NA	NA		
	9/9/2014	7.56	ND	92.01	84.45	NA	NA	NA		
	10/7/2014	8.01	ND	92.01	84.00	NA	NA	NA		
	10/8/2014*	7.50	ND	92.01	84.51	NA	NA	NA		
	11/4/2014	7.55	ND	92.01	84.46	NA	NA	NA		
	12/1/2014	6.96	ND	92.01	85.05	NA	NA	NA		
	1/7/2015	5.62	ND	92.01	86.39	NA	NA	NA		
	1/9/2015*	5.04	ND	92.01	86.97	NA	NA	NA		
	2/3/2015	6.21	ND	92.01	85.80	NA	NA	NA		
	3/17/2015	5.40	ND	92.01	86.61	NA	NA	NA		
	4/14/2015	5.87	ND	92.01	86.14	NA	NA	NA		
	4/15/2015*	5.11	ND	92.01	86.90	NA	NA	NA		
	5/12/2015	5.97	ND	92.01	86.04	NA	NA	NA		
	6/9/2015	5.59	ND	92.01	86.42	NA	NA	NA		
	7/7/2015	4.89	ND	92.01	87.12	NA	NA	NA		
	8/3/2015	7.82	ND	92.01	84.19	NA	NA	NA		
	9/2/2015	5.74	ND	92.01	86.27	NA	NA	NA		
	10/20/2015	7.80	ND	92.01	84.21	NA	NA	NA		
	10/21/2015	7.48	ND	92.01	84.53	NA	NA	NA		
	11/3/2015	8.23	ND	92.01	83.78	NA	NA	NA		
	12/3/2015	3.91	ND	92.01	88.10	NA	NA	NA		
	1/14/2016	4.20	ND	92.01	87.81	NA	NA	NA		
	2/10/2016	3.32	ND	92.01	88.69	NA	NA	NA		
	3/9/2016	4.18	ND	92.01	87.83	NA	NA	NA		
	4/8/2016	4.09	ND	92.01	87.92	NA	NA	NA		
	5/24/2016	3.29	ND	92.01	88.72	NA	NA	NA		
	8/25/2016	4.00	ND	92.01	88.01	NA	NA	NA		
	11/16/2016	5.65	ND	92.01	86.36	NA	NA	NA		
	1/24/2017	3.72	ND	92.01	88.29	NA	NA	NA		
	4/27/2017	5.39	ND	92.01	86.62	NA	NA	NA		
	7/13/2017	5.23	ND	92.01	86.78	NA	NA	NA		
	10/25/2017	5.50	ND	92.01	86.51	NA	NA	NA		
	2/13/2018	3.20	ND	92.01	88.81	NA	NA	NA		
	4/27/2018	3.71	ND	92.01	88.30	NA	NA	NA		
	7/19/2018	5.51	ND	92.01	86.50	NA	NA	NA		
	9/6/2018	4.21	ND	92.01	87.80	NA	NA	NA		
	10/24/2018	4.73	ND	92.01	87.28	NA	NA	NA		
	1/22/2019	3.34	ND	92.01	88.67	NA	NA	NA		
	7/24/2019	4.04	ND	92.01	87.97	NA	NA	NA		
	4/23/2020	4.23	ND	92.01	87.78	NA	NA	NA		
	7/7/2020	2.78	ND	92.01	89.23	NA	NA	NA		
	10/8/2020	4.46	ND	92.01	87.55	NA	NA	NA		
	1/14/2021	4.04	ND	92.01	87.97	NA	NA	NA		
	4/8/2021	3.76	ND	92.01	88.25	NA	NA	NA		
	7/7/2021	4.41	ND	92.01	87.60	NA	NA	NA		
	10/7/2021	4.45	ND	92.01	87.56	NA	NA	NA		
	1/13/2022	5.15	ND	92.01	86.86	NA	NA	NA		
	4/6/2022	4.68	ND	92.01	87.33	NA	NA	NA		
	7/12/2022	5.15	ND	92.01	86.86	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
CMW-1	10/16/2013	8.71	ND	82.56	73.85	NA	NA	NA		
	10/28/2013*	8.66	ND	82.56	73.90	NA	NA	NA		
	11/6/2013	9.14	ND	82.56	73.42	NA	NA	NA		
	12/4/2013	9.19	ND	82.56	73.37	NA	NA	NA		
	1/6/2014*	8.32	ND	82.56	74.24	NA	NA	NA		
	2/24/2014	8.60	ND	82.56	73.96	NA	NA	NA		
	3/10/2014	8.39	ND	82.56	74.17	NA	NA	NA		
	4/22/2014	8.46	ND	82.56	74.10	NA	NA	NA		
	4/23/2014*	8.31	ND	82.56	74.25	NA	NA	NA		
	5/7/2014	7.16	ND	82.56	75.40	NA	NA	NA		
	6/3/2014	8.34	ND	82.56	74.22	NA	NA	NA		
	7/3/2014	7.46	ND	82.56	75.10	NA	NA	NA		Positive Pressu
	7/17/2014	7.59	ND	82.56	74.97	NA	NA	NA		
	8/25/2014	8.60	ND	82.56	73.96	NA	NA	NA		
	9/9/2014	8.71	ND	82.56	73.85	NA	NA	NA		
	10/8/2014	8.79	ND	82.56	73.77	NA	NA	NA		
	11/4/2014	8.58	ND	82.56	73.98	NA	NA	NA		
	12/1/2014	8.50	ND	82.56	74.06	NA	NA	NA		
	1/8/2015*	7.26	ND	82.56	75.30	NA	NA	NA		
	2/3/2015	7.61	ND	82.56	74.95	NA	NA	NA		
	3/17/2015	7.05	ND	82.56	75.51	NA	NA	NA		
	4/14/2015	7.51	ND	82.56	75.05	NA	NA	NA		
	4/15/2015*	7.55	ND	82.56	75.01	NA	NA	NA		
	5/12/2015	8.35	ND	82.56	74.21	NA	NA	NA		
	6/9/2015	8.42	ND	82.56	74.14	NA	NA	NA		
	7/7/2015	7.23	ND	82.56	75.33	NA	NA	NA		
	8/3/2015	8.19	ND	82.56	74.37	NA	NA	NA		
	9/2/2015	8.27	ND	82.56	74.29	NA	NA	NA		
	10/20/2015	8.11	ND	82.56	74.45	NA	NA	NA		
	10/21/2015	8.30	ND	82.56	74.26	NA	NA	NA		
	11/3/2015	8.82	ND	82.56	73.74	NA	NA	NA		
	12/3/2015	7.42	ND	82.56	75.14	NA	NA	NA		
	1/14/2016	7.06	ND	82.56	75.50	NA	NA	NA		
	2/10/2016	7.03	ND	82.56	75.53	NA	NA	NA		
	3/9/2016	7.11	ND	82.56	75.45	NA	NA	NA		
	4/8/2016	7.68	ND	82.56	74.88	NA	NA	NA		
	5/24/2016	7.00	ND	82.56	75.56	NA	NA	NA		
	8/25/2016	7.50	ND	82.56	75.06	NA	NA	NA		
	11/16/2016	8.43	ND	82.56	74.13	NA	NA	NA		
	1/24/2017	7.78	ND	82.56	74.78	NA	NA	NA		
	4/27/2017	7.88	ND	82.56	74.68	NA	NA	NA		
	7/13/2017	8.40	ND	82.56	74.16	NA	NA	NA		
	10/25/2017	7.60	ND	82.56	74.96	NA	NA	NA		
	2/13/2018	7.66	ND	82.56	74.90	NA	NA	NA		
	4/27/2018	7.42	ND	82.56	75.14	NA	NA	NA		
	7/19/2018	8.60	ND	82.56	73.96	NA	NA	NA		
	9/6/2018	7.65	ND	82.56	74.91	NA	NA	NA		
	10/24/2018	8.11	ND	82.56	74.45	NA	NA	NA		
	1/22/2019	7.14	ND	82.56	75.42	NA	NA	NA		
	7/24/2019	8.00	ND	82.56	74.56	NA	NA	NA		
	4/23/2020	7.21	ND	82.56	75.35	NA	NA	NA		
	7/7/2020	8.31	ND	82.56	74.25	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	10/8/2020	8.12	ND	82.56	74.44	NA	NA	NA		
	1/14/2021	7.89	ND	82.56	74.67	NA	NA	NA		
	4/8/2021	7.47	ND	82.56	75.09	NA	NA	NA		
	7/7/2021	8.11	ND	82.56	74.45	NA	NA	NA		
	10/7/2021	3.73	ND	82.56	78.83	NA	NA	NA		
	1/13/2022	8.05	ND	82.56	74.51	NA	NA	NA		
	4/6/2022	7.70	ND	82.56	74.86	NA	NA	NA		
	7/12/2022	7.85	ND	82.56	74.71	NA	NA	NA		
CMW-2	10/16/2013	8.08	ND	81.02	72.94	NA	NA	NA		
	10/28/2013*	8.44	ND	81.02	72.58	NA	NA	NA		
	11/6/2013	8.56	ND	81.02	72.46	NA	NA	NA		
	12/4/2013	8.26	ND	81.02	72.76	NA	NA	NA		
	1/6/2014*	7.01	ND	81.02	74.01	NA	NA	NA		
	2/24/2014	6.30	ND	81.02	74.72	NA	NA	NA		
	3/10/2014	6.96	ND	81.02	74.06	NA	NA	NA		
	4/22/2014	6.69	ND	81.02	74.33	NA	NA	NA		
	4/23/2014*	6.71	ND	81.02	74.31	NA	NA	NA		
	5/7/2014	6.40	ND	81.02	74.62	NA	NA	NA		
	6/3/2014	NG	NG	81.02	NG	NA	NA	NA	inaccessible	
	7/3/2014	7.53	ND	81.02	73.49	NA	NA	NA		
	7/17/2014	7.55	ND	81.02	73.47	NA	NA	NA		
	8/25/2014	8.25	ND	81.02	72.77	NA	NA	NA		
	9/9/2014	8.23	ND	81.02	72.79	NA	NA	NA		
	10/7/2014	8.61	ND	81.02	72.41	NA	NA	NA		
	10/8/2014*	8.60	ND	81.02	72.42	NA	NA	NA		
	11/4/2014	NG	NG	81.02	NG	NA	NA	NA	inaccessible	
	12/1/2014	7.55	ND	81.02	73.47	NA	NA	NA		
	1/8/2015*	6.95	ND	81.02	74.07	NA	NA	NA		
	2/3/2015	7.05	ND	81.02	73.97	NA	NA	NA		
	3/17/2015	5.59	ND	81.02	75.43	NA	NA	NA		
	4/14/2015	7.10	ND	81.02	73.92	NA	NA	NA		
	4/15/2015*	7.15	ND	81.02	73.87	NA	NA	NA		
	5/12/2015	7.74	ND	81.02	73.28	NA	NA	NA		
	6/9/2015	7.46	ND	81.02	73.56	NA	NA	NA		
	7/7/2015	6.95	ND	81.02	74.07	NA	NA	NA		
	8/3/2015	8.02	ND	81.02	73.00	NA	NA	NA		
	9/2/2015	8.23	ND	81.02	72.79	NA	NA	NA		
	10/20/2015	8.07	ND	81.02	72.95	NA	NA	NA		
	10/21/2015	8.09	ND	81.02	72.93	NA	NA	NA		
	11/3/2015	8.33	ND	81.02	72.69	NA	NA	NA		
	12/3/2015	7.52	ND	81.02	73.50	NA	NA	NA		
	1/14/2016	6.95	ND	81.02	74.07	NA	NA	NA		
	2/10/2016	6.25	ND	81.02	74.77	NA	NA	NA		
	3/9/2016	7.02	ND	81.02	74.00	NA	NA	NA		
	4/8/2016	7.32	ND	81.02	73.70	NA	NA	NA		
	5/24/2016	6.68	ND	81.02	74.34	NA	NA	NA		
	8/25/2016	7.50	ND	81.02	73.52	NA	NA	NA		
	11/16/2016	8.54	ND	81.02	72.48	NA	NA	NA		
	1/24/2017	7.34	ND	81.02	73.68	NA	NA	NA		
	4/27/2017	7.21	ND	81.02	73.81	NA	NA	NA		
	7/13/2017	8.38	ND	81.02	72.64	NA	NA	NA		
	10/25/2017	8.38	ND	81.02	72.64	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	2/13/2018	7.00	ND	81.02	74.02	NA	NA	NA		
	4/27/2018	6.58	ND	81.02	74.44	NA	NA	NA		
	7/19/2018	8.32	ND	81.02	72.70	NA	NA	NA		
	9/6/2018	7.25	ND	81.02	73.77	NA	NA	NA		
	10/24/2018	7.56	ND	81.02	73.46	NA	NA	NA		
	1/22/2019	6.45	ND	81.02	74.57	NA	NA	NA		
	7/24/2019	7.55	ND	81.02	73.47	NA	NA	NA		
	4/24/2020	7.06	ND	81.02	73.96	NA	NA	NA		
	7/7/2020	7.45	ND	81.02	73.57	NA	NA	NA		
	10/8/2020	7.62	ND	81.02	73.40	NA	NA	NA		
	1/14/2021	7.09	ND	81.02	73.93	NA	NA	NA		
	4/8/2021	6.69	ND	81.02	74.33	NA	NA	NA		
	7/7/2021	7.55	ND	81.02	73.47	NA	NA	NA		
	10/7/2021	7.95	ND	81.02	73.07	NA	NA	NA		
	1/13/2022	7.32	ND	81.02	73.70	NA	NA	NA		
	4/6/2022	9.50	ND	81.02	71.52	NA	NA	NA		
	7/12/2022	8.58	ND	81.02	72.44	NA	NA	NA		
TP-1	12/14/2011	8.89	ND	NM	NM	NM	NM	NA		
	12/15/2011	9.02	ND	NM	NM	NM	NM	NA		
	12/16/2011	9.13	ND	NM	NM	NM	NM	NA		
	12/19/2011	9.34	ND	NM	NM	NM	NM	NA	stagnant odor	
	12/20/2011	9.36	ND	NM	NM	NM	NM	NA	stagnant odor	
	12/21/2011	9.43	ND	NM	NM	NM	NM	NA	stagnant odor	
	12/22/2011	9.47	ND	NM	NM	NM	NM	NA	Stagnant odor	
	12/23/2011	9.20	ND	NM	NM	NM	NM	NA	stagnant odor	
	12/27/2011	9.42	ND	NM	NM	NM	NM	NA	stagnant odor	
	12/28/2011	9.22	ND	NM	NM	NM	NM	NA		
	12/29/2011	9.26	ND	NM	NM	NM	NM	NA		
	12/30/2011	9.31	ND	NM	NM	NM	NM	NA	stagnant odor	
	1/3/2012	9.47	ND	NM	NM	NM	NM	NA	stagnant odor	
	1/5/2012	9.53	ND	NM	NM	NM	NM	NA	stagnant odor	
	1/9/2012	9.65	ND	NM	NM	NM	NM	NA	stagnant odor	
	1/10/2012	NG	ND	NM	NM	NM	NM	NA		
	1/18/2012	9.58	ND	NM	NM	NM	NM	NA	stagnant odor	
	1/25/2012	9.57	ND	NM	NM	NM	NM	NA		
	1/30/2012	9.51	ND	NM	NM	NM	NM	NA		
	2/6/2012	9.57	ND	NM	NM	NM	NM	NA	Slight Odor	
	2/13/2012	9.58	ND	NM	NM	NM	NM	NA	Moderate odor	
	2/20/2012	9.64	ND	NM	NM	NM	NM	NA	Slight Odor	
	2/28/2012	9.69	ND	NM	NM	NM	NM	NA		0.05
	3/5/2012	9.23	ND	NM	NM	NM	NM	NA		
	3/12/2012	9.34	ND	NM	NM	NM	NM	NA	Slight Odor	
	3/19/2012	9.43	ND	NM	NM	NM	NM	NA	Slight Odor	
	3/29/2012	9.38	ND	NM	NM	NM	NM	NA		
	4/2/2012	9.40	ND	NM	NM	NM	NM	NA		
	4/10/2012	9.52	ND	NM	NM	NM	NM	NA	Slight Odor	
	4/16/2012	9.59	ND	NM	NM	NM	NM	NA	Slight Odor	0.02
	4/23/2012	9.05	ND	NM	NM	NM	NM	NA	Slight Odor	
	4/30/2012	9.09	ND	NM	NM	NM	NM	NA	Moderate odor	
	5/8/2012*	9.04	ND	NM	NM	NA	NA	NA		
	5/15/2012	8.75	ND	NM	NM	NA	NA	NA	Slight	
	5/21/2012	8.64	ND	NM	NM	NA	NA	NA		0.06
	5/31/2012	8.81	ND	NM	NM	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	6/7/2012*	8.70	ND	NM	NM	NA	NA	NA		
	6/11/2012	8.78	ND	NM	NM	NA	NA	NA		
	6/18/2012	8.56	ND	NM	NM	NA	NA	NA		
	6/25/2012	8.71	ND	NM	NM	NA	NA	NA		
	7/10/2012	8.55	ND	NM	NM	NA	NA	NA		
	7/17/2012	8.60	ND	NM	NM	NA	NA	NA		0.03
	7/24/2012	7.88	ND	NM	NM	NA	NA	NA		
	7/31/2012	8.05	ND	NM	NM	NA	NA	NA		
	8/7/2012	8.14	ND	NM	NM	NA	NA	NA		0.05
	8/14/2012	7.86	ND	NM	NM	NA	NA	NA		
	8/21/2012	7.64	ND	NM	NM	NA	NA	NA		
	8/28/2012	7.02	ND	NM	NM	NA	NA	NA		
	9/5/2012	7.13	ND	NM	NM	NA	NA	NA		0.08
	9/13/2012	7.87	ND	NM	NM	NA	NA	NA		
	9/18/2012	8.04	ND	NM	NM	NA	NA	NA		
	9/26/2012	8.18	ND	NM	NM	NA	NA	NA		
	10/11/2012	8.35	ND	NM	NM	NA	NA	NA		0.03
	10/16/2012	8.30	ND	NM	NM	NA	NA	NA		
	10/22/2012	8.47	ND	NM	NM	NA	NA	NA		
	10/31/2012	6.16	ND	NM	NM	NA	NA	NA		
	11/7/2012	6.85	ND	NM	NM	NA	NA	NA		
	11/13/2012	7.23	ND	NM	NM	NA	NA	NA		0.02
	11/21/2012	7.86	ND	NM	NM	NA	NA	NA		
	11/27/2012	8.10	ND	NM	NM	NA	NA	NA		
	12/4/2012	8.42	ND	NM	NM	NA	NA	NA		0.04
	12/13/2012	8.60	ND	NM	NM	NA	NA	NA		
	12/21/2012	8.00	ND	NM	NM	NA	NA	NA		
	12/28/2012	7.32	ND	NM	NM	NA	NA	NA		
	1/4/2013	7.61	ND	NM	NM	NA	NA	NA		0.02
	1/9/2013	7.89	ND	NM	NM	NA	NA	NA		
	1/16/2013	7.34	ND	NM	NM	NA	NA	NA		
	1/21/2013*	7.59	ND	NM	NM	NA	NA	NA		
	2/8/2013	7.52	ND	NM	NM	NA	NA	NA		0.03
	3/8/2013	7.49	ND	NM	NM	NA	NA	NA		0.02
	4/16/2013	Dry	ND	NM	NM	NA	NA	NA		
	4/17/2013*	Dry	ND	NM	NM	NA	NA	NA		
	5/3/2013	7.90	ND	NM	NM	NA	NA	NA		0.00
	6/13/2013	6.70	ND	NM	NM	NA	NA	NA		
	7/11/2013	8.26	ND	NM	NM	NA	NA	NA		0.00
	8/1/2013	8.15	ND	NM	NM	NA	NA	NA		
	9/5/2013	8.91	ND	NM	NM	NA	NA	NA		
	10/7/2013	8.47	ND	NM	NM	NA	NA	NA		
	10/8/2013*	9.79	ND	NM	NM	NA	NA	NA		
	10/22/2013*	7.69	ND	NM	NM	NA	NA	NA	Moderate odor	
	11/6/2013	8.43	ND	NM	NM	NA	NA	NA		0.00
	12/4/2013	8.04	ND	NM	NM	NA	NA	NA	Moderate odor	0.04
	1/6/2014*	7.28	ND	NM	NM	NA	NA	NA	Slight odor	
	2/24/2014	7.23	ND	NM	NM	NA	NA	NA		
	3/10/2014	7.81	ND	NM	NM	NA	NA	NA		0.00
	4/22/2014	7.44	ND	NM	NM	NA	NA	NA		0.00
	5/7/2014	6.09	ND	NM	NM	NA	NA	NA	Slight odor	
	6/3/2014	8.07	ND	NM	NM	NA	NA	NA		
	7/3/2014	8.50	ND	NM	NM	NA	NA	NA		0.06

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	7/17/2014	8.39	ND	NM	NM	NA	NA	NA		
	8/25/2014	9.20	ND	NM	NM	NA	NA	NA		0.02
	9/9/2014	8.41	ND	NM	NM	NA	NA	NA		0.02
	10/8/2014	8.30	ND	NM	NM	NA	NA	NA		
	11/4/2014	7.95	ND	NM	NM	NA	NA	NA		
	12/1/2014	7.40	ND	NM	NM	NA	NA	NA		
	1/7/2015	7.78	ND	NM	NM	NA	NA	NA		
	2/3/2015	7.43	ND	NM	NM	NA	NA	NA		0.00
	3/17/2015	7.12	ND	NM	NM	NA	NA	NA		0.00
	4/14/2015	7.60	ND	NM	NM	NA	NA	NA		
	4/15/2015*	7.63	ND	NM	NM	NA	NA	NA		
	5/12/2015	8.07	ND	NM	NM	NA	NA	NA		0.00
	6/9/2015	8.03	ND	NM	NM	NA	NA	NA		0.00
	7/7/2015	6.99	ND	NM	NM	NA	NA	NA		0.06
	8/3/2015	9.46	ND	NM	NM	NA	NA	NA		0.00
	9/2/2015	9.36	ND	NM	NM	NA	NA	NA		
	10/20/2015	9.46	ND	NM	NM	NA	NA	NA		-0.06
	10/21/2015	9.46	ND	NM	NM	NA	NA	NA		
	11/3/2015	9.55	ND	NM	NM	NA	NA	NA		-0.08
	12/3/2015	8.12	ND	NM	NM	NA	NA	NA		
	1/14/2016	7.44	ND	NM	NM	NA	NA	NA		
	2/10/2016	6.80	ND	NM	NM	NA	NA	NA		
	3/9/2016	6.86	ND	NM	NM	NA	NA	NA		
	4/8/2016	7.10	ND	NM	NM	NA	NA	NA		
	5/24/2016	6.43	ND	NM	NM	NA	NA	NA		
	8/25/2016	7.23	ND	NM	NM	NA	NA	NA		
	11/16/2016	9.05	ND	NM	NM	NA	NA	NA		
	1/24/2017	7.81	ND	NM	NM	NA	NA	NA		
	4/27/2017	7.81	ND	NM	NM	NA	NA	NA		
	7/13/2017	8.26	ND	NM	NM	NA	NA	NA		
	10/25/2017	7.92	ND	NM	NM	NA	NA	NA		
	2/13/2018	7.29	ND	NM	NM	NA	NA	NA		
	4/27/2018	6.19	ND	NM	NM	NA	NA	NA		
	7/19/2018	7.08	ND	NM	NM	NA	NA	NA		
	9/6/2018	5.78	ND	NM	NM	NA	NA	NA		
	10/24/2018	5.50	ND	NM	NM	NA	NA	NA		
	1/22/2019	4.62	ND	NM	NM	NA	NA	NA		
	7/24/2019	5.34	ND	NM	NM	NA	NA	NA		
	4/23/2020	5.61	ND	NM	NM	NA	NA	NA		
	7/7/2020	6.02	ND	NM	NM	NA	NA	NA		
	10/8/2020	5.97	ND	NM	NM	NA	NA	NA		
	1/14/2021	5.19	ND	NM	NM	NA	NA	NA		
	4/8/2021	4.55	ND	NM	NM	NA	NA	NA		
	7/7/2021	5.08	ND	NM	NM	NA	NA	NA		
TP-2	12/14/2011	9.62	ND	NM	NM	NM	NM	NA	Slight odor	
	12/15/2011	9.75	ND	NM	NM	NM	NM	NA		
	12/16/2011	9.86	ND	NM	NM	NM	NM	NA		
	12/19/2011	10.06	ND	NM	NM	NM	NM	NA	stagnant odor	
	12/20/2011	10.12	ND	NM	NM	NM	NM	NA	stagnant odor	
	12/21/2011	10.16	ND	NM	NM	NM	NM	NA	stagnant odor	
	12/22/2011	10.19	ND	NM	NM	NM	NM	NA	stagnant odor	
	12/23/2011	9.93	ND	NM	NM	NM	NM	NA	stagnant odor	
	12/23/2011	9.20	ND	NM	NM	NM	NM	NA	stagnant odor	

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	12/27/2011	10.14	ND	NM	NM	NM	NM	NA	stagnant odor	
	12/28/2011	9.95	ND	NM	NM	NM	NM	NA		
	12/29/2011	9.99	ND	NM	NM	NM	NM	NA	Stagnant odor	
	12/30/2011	10.03	ND	NM	NM	NM	NM	NA		
	1/3/2012	10.21	ND	NM	NM	NM	NM	NA		
	1/5/2012	10.26	ND	NM	NM	NM	NM	NA	Stagnant odor	
	1/9/2012	10.38	ND	NM	NM	NM	NM	NA	Stagnant odor	
	1/10/2012	NG	ND	NM	NM	NM	NM	NA		
	1/18/2012	10.30	ND	NM	NM	NM	NM	NA	stagnant odor	
	1/25/2012	10.30	ND	NM	NM	NM	NM	NA	stagnant odor	
	1/30/2012	10.25	ND	NM	NM	NM	NM	NA		
	2/6/2012	10.29	ND	NM	NM	NM	NM	NA		
	2/13/2012	10.31	ND	NM	NM	NM	NM	NA	Moderate odor	
	2/20/2012	10.37	ND	NM	NM	NM	NM	NA	Slight Odor	
	2/28/2012	10.43	ND	NM	NM	NM	NM	NA		0.04
	3/5/2012	9.97	ND	NM	NM	NM	NM	NA		
	3/12/2012	10.08	ND	NM	NM	NM	NM	NA		
	3/19/2012	10.18	ND	NM	NM	NM	NM	NA		
	3/29/2012	10.13	ND	NM	NM	NM	NM	NA	Slight Odor	
	4/2/2012	10.12	ND	NM	NM	NM	NM	NA	Slight Odor	
	4/10/2012	10.25	ND	NM	NM	NM	NM	NA		
	4/16/2012	10.32	ND	NM	NM	NM	NM	NA	Slight Odor	0.03
	4/23/2012	9.77	ND	NM	NM	NM	NM	NA		
	4/30/2012	9.81	ND	NM	NM	NM	NM	NA	Slight Odor	
	5/8/2012*	9.77	ND	NM	NM	NM	NM	NA		
	5/15/2012	9.49	ND	NM	NM	NM	NM	NA	Slight Odor	
	5/21/2012	9.37	ND	NM	NM	NM	NM	NA		0.05
	5/31/2012	9.54	ND	NM	NM	NM	NM	NA		
	6/7/2012*	9.42	ND	NM	NM	NM	NM	NA		
	6/11/2012	9.51	ND	NM	NM	NM	NM	NA		
	6/18/2012	9.29	ND	NM	NM	NM	NM	NA		
	6/25/2012	9.43	ND	NM	NM	NM	NM	NA		
	7/10/2012	9.27	ND	NM	NM	NM	NM	NA		
	7/17/2012	6.34	ND	NM	NM	NM	NM	NA		0.03
	7/24/2012	8.61	ND	NM	NM	NM	NM	NA		
	7/31/2012	8.79	ND	NM	NM	NM	NM	NA		
	8/7/2012	8.86	ND	NM	NM	NM	NM	NA		0.04
	8/14/2012	8.59	ND	NM	NM	NM	NM	NA		
	8/21/2012	8.36	ND	NM	NM	NM	NM	NA		
	8/28/2012	7.73	ND	NM	NM	NM	NM	NA		
	9/5/2012	8.16	ND	NM	NM	NM	NM	NA		0.06
	9/13/2012	8.60	ND	NM	NM	NM	NM	NA		
	9/18/2012	8.76	ND	NM	NM	NM	NM	NA		
	9/26/2012	8.84	ND	NM	NM	NM	NM	NA		
	10/11/2012	9.07	ND	NM	NM	NA	NA	NA		
	10/16/2012	9.02	ND	NM	NM	NA	NA	NA		
	10/22/2012	9.18	ND	NM	NM	NA	NA	NA		
	10/31/2012	6.86	ND	NM	NM	NA	NA	NA		
	11/7/2012	7.58	ND	NM	NM	NA	NA	NA		
	11/13/2012	7.97	ND	NM	NM	NA	NA	NA		0.04
	11/21/2012	8.60	ND	NM	NM	NA	NA	NA		
	11/27/2012	8.85	ND	NM	NM	NA	NA	NA		
	12/4/2012	9.54	ND	NM	NM	NA	NA	NA		0.03

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	12/13/2012	9.33	ND	NM	NM	NA	NA	NA		
	12/21/2012	8.72	ND	NM	NM	NA	NA	NA		
	12/28/2012	8.04	ND	NM	NM	NA	NA	NA		
	1/4/2013	8.33	ND	NM	NM	NA	NA	NA		0.03
	1/9/2013	8.62	ND	NM	NM	NA	NA	NA		
	1/16/2013	8.08	ND	NM	NM	NA	NA	NA		
	1/21/2013*	8.32	ND	NM	NM	NA	NA	NA		
	2/8/2013	8.24	ND	NM	NM	NA	NA	NA		0.05
	3/8/2013	8.27	ND	NM	NM	NA	NA	NA		0.02
	4/16/2013	Dry	ND	NM	NM	NA	NA	NA		
	4/17/2013*	Dry	ND	NM	NM	NA	NA	NA		
	5/3/2013	8.63	ND	NM	NM	NA	NA	NA		
	6/13/2013	7.42	ND	NM	NM	NA	NA	NA		0.03
	7/11/2013	8.95	ND	NM	NM	NA	NA	NA		0.02
	8/1/2013	8.89	ND	NM	NM	NA	NA	NA		
	9/5/2013	9.69	ND	NM	NM	NA	NA	NA		
	10/7/2013	9.55	ND	NM	NM	NA	NA	NA		
	10/8/2013*	9.51	ND	NM	NM	NA	NA	NA		
	10/22/2013*	8.41	ND	NM	NM	NA	NA	NA	Slight odor	
	11/6/2013	9.11	ND	NM	NM	NA	NA	NA		0.00
	12/4/2013	8.77	ND	NM	NM	NA	NA	NA	Moderate odor	0.03
	1/6/2014*	7.98	ND	NM	NM	NA	NA	NA	Slight odor	
	2/24/2014	7.97	ND	NM	NM	NA	NA	NA		
	3/10/2014	8.39	ND	NM	NM	NA	NA	NA		0.00
	4/22/2014	8.17	ND	NM	NM	NA	NA	NA		0.00
	4/23/2014*	8.01	ND	NM	NM	NA	NA	NA		
	5/7/2014	6.75	ND	NM	NM	NA	NA	NA		
	6/3/2014	8.82	ND	NM	NM	NA	NA	NA		
	7/3/2014	9.03	ND	NM	NM	NA	NA	NA		0.06
	7/17/2014	9.01	ND	NM	NM	NA	NA	NA		
	8/25/2014	9.90	ND	NM	NM	NA	NA	NA		0.0
	9/9/2014	9.14	ND	NM	NM	NA	NA	NA		0.0
	10/8/2014	9.11	ND	NM	NM	NA	NA	NA		
	11/4/2014	8.69	ND	NM	NM	NA	NA	NA		
	12/1/2014	8.15	ND	NM	NM	NA	NA	NA		
	1/7/2015	7.99	ND	NM	NM	NA	NA	NA		
	2/3/2015	8.19	ND	NM	NM	NA	NA	NA		0.0
	3/17/2015	7.84	ND	NM	NM	NA	NA	NA		0.0
	4/14/2015	8.40	ND	NM	NM	NA	NA	NA		
	4/15/2015*	8.35	ND	NM	NM	NA	NA	NA		
	5/12/2015	8.81	ND	NM	NM	NA	NA	NA		0.00
	6/9/2015	8.72	ND	NM	NM	NA	NA	NA		0.00
	7/7/2015	7.73	ND	NM	NM	NA	NA	NA		0.08
	8/3/2015	10.21	ND	NM	NM	NA	NA	NA		0.00
	9/2/2015	10.10	ND	NM	NM	NA	NA	NA		
	10/20/2015	10.20	ND	NM	NM	NA	NA	NA		-0.06
	10/21/2015	10.20	ND	NM	NM	NA	NA	NA		
	11/3/2015	10.29	ND	NM	NM	NA	NA	NA		-0.10
	12/3/2015	8.85	ND	NM	NM	NA	NA	NA		
	1/14/2016	8.20	ND	NM	NM	NA	NA	NA		
	2/10/2016	7.53	ND	NM	NM	NA	NA	NA		
	3/9/2016	7.80	ND	NM	NM	NA	NA	NA		
	4/8/2016	7.80	ND	NM	NM	NA	NA	NA		

**Table 1 - Well Gauging Summary
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Baltimore, MD 21237**

Well ID	Date	Depth to Water	Depth to LPH	TOC Elevation	Water Elevation	LPH Elevation	Corrected Water Elevation	LPH Thickness	Comments	Vacuum Pressure
	5/24/2016	7.15	ND	NM	NM	NA	NA	NA		
	8/25/2016	7.76	ND	NM	NM	NA	NA	NA		
	11/16/2016	8.54	ND	NM	NM	NA	NA	NA		
	1/24/2017	8.54	ND	NM	NM	NA	NA	NA		
	4/27/2017	8.51	ND	NM	NM	NA	NA	NA		
	7/13/2017	9.00	ND	NM	NM	NA	NA	NA		
	10/25/2017	8.66	ND	NM	NM	NA	NA	NA		
	2/13/2018	7.98	ND	NM	NM	NA	NA	NA		
	4/27/2018	6.92	ND	NM	NM	NA	NA	NA		
	7/19/2018	7.80	ND	NM	NM	NA	NA	NA		
	9/6/2018	6.50	ND	NM	NM	NA	NA	NA		
	10/24/2018	6.40	ND	NM	NM	NA	NA	NA		
	1/22/2019	5.26	ND	NM	NM	NA	NA	NA		
	7/24/2019	6.20	ND	NM	NM	NA	NA	NA		
	4/23/2020	6.35	ND	NM	NM	NA	NA	NA		
	7/7/2020	6.78	ND	NM	NM	NA	NA	NA		
	10/8/2020	6.71	ND	NM	NM	NA	NA	NA		
	1/14/2021	5.93	ND	NM	NM	NA	NA	NA	Slight odor	
	4/8/2021	6.55	ND	NM	NM	NA	NA	NA		
	7/7/2021	6.32	ND	NM	NM	NA	NA	NA		

LPH = Liquid Phase Hydrocarbon

TOC = Top of Casing Elevation

ND = None Detected

NA = Not Applicable

NG = Not Gauged

NM = Not Measured

Vacuum pressure readings measured in inches of water

Corrected water elevation based on LPH density of 0.7 grams per milliliter

* - Levels taken on these days were taken after a period of system shutdown in order to observe static water levels

** - Stinger tube was connected to the system @ MW-4R and run into MW-6 for recovery while AEC was on-site

Table 2 - Monitoring Well Groundwater Analytical Results
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Rosedale, MD 21237

Well No.	Date	B	T	E	X	Total BTEX	MTBE	Naphthalene	Acetone	MEK	1,2-Dichloroethane	Isopropylbenzene	TPH GRO	TPH DRO
MW-1	7/22/2010	7,600	23000.0	2800.0	15600.0	49000.0	5.0	3900.0	BQL	BQL	BQL	160.0	86.0	9.2
	10/28/2010	6,500	17200.0	700.0	7000.0	31400.0	BQL	850.0	BQL	BQL	BQL	130.0	37.0	19.0
	1/10/2011	440	1000.0	260.0	1610.0	3310.0	BQL	200.0	BQL	BQL	BQL	27.0	2.8	2.2
	4/27/2011	960	4200.0	500.0	7600.0	13260.0	BQL	570.0	BQL	BQL	BQL	56.0	16.0	6.3
	7/21/2011	1,000	5600.0	880.0	4720.0	12200.0	BQL	2200.0	BQL	BQL	BQL	66.0	4.0	5.9
	10/28/2011	1,800	11000.0	1300.0	14500.0	28600.0	BQL	2800.0	BQL	BQL	BQL	130.0	24.0	8.4
	1/10/2012	1,000	3700.0	24.0	2010.0	6734.0	BQL	1200.0	BQL	BQL	BQL	7.0	11.0	5.9
	4/11/2012	1,700	7500.0	990.0	14600.0	24790.0	BQL	750.0	BQL	BQL	BQL	67.0	19.0	9.5
	7/6/2012	646	2180.0	201.0	5670.0	8697.0	BQL	247.0	BQL	BQL	BQL	BQL	11.6	6.02
	10/5/2012	520	3420.0	361.0	8700.0	13001.0	BQL	337.0	BQL	BQL	BQL	BQL	17.9	4.88
	1/21/2013	590	2110.0	431.0	9410.0	12541.0	BQL	301.0	BQL	BQL	BQL	BQL	16.5	5.66
	4/17/2013	385	1450.0	317.0	6000.0	8152.0	BQL	189.0	BQL	BQL	BQL	BQL	12.7	3.96
	7/19/2013	311	962.0	330.0	6000.0	7603.0	BQL	236.0	BQL	BQL	BQL	BQL	11.6	5.28
	10/8/2013	135	172.0	145.0	4300.0	4752.0	BQL	197.0	BQL	BQL	BQL	BQL	8.05	4.9
	1/6/2014	261	776.0	295.0	6420.0	7752.0	BQL	356.0	BQL	BQL	BQL	BQL	10.7	5.28
	4/23/2014	193	1170.0	636.0	6740.0	8739.0	BQL	305.0	BQL	BQL	BQL	BQL	13.8	7.57
	7/17/2014	79.2	544.0	479.0	3980.0	5082.2	BQL	241.0	BQL	BQL	BQL	BQL	13.80	4.34
	10/8/2014	42.6	245.0	168.0	3110.0	3565.6	BQL	121.0	BQL	BQL	BQL	BQL	6.06	3.74
	1/9/2015	91	498.0	663.0	5140.0	6392.0	BQL	277.0	BQL	BQL	BQL	BQL	10.6	4.12
	4/15/2015	48.6	238.0	571.0	5730.0	6587.6	BQL	283.0	BQL	BQL	BQL	BQL	11.3	4.34
	7/8/2015	36	109.0	275.0	1564.0	1984.0	BQL	172.0	BQL	BQL	BQL	BQL	5.4	3.39
	10/21/2015	BQL	BQL	28.3	232.5	260.8	BQL	43.3	BQL	BQL	BQL	BQL	1.96	3.3
	1/14/2016	20.5	119.0	412.0	2085.0	2636.5	BQL	163.0	63.3	BQL	BQL	BQL	36.9	11.2
4/8/2016	44.7	167.0	499.0	2670.0	3380.7	BQL	200.0	BQL	BQL	BQL	BQL	37.4	10.8	3.3
8/25/2016	54.7	139.0	396.0	1980.0	2569.7	BQL	152.0	BQL	BQL	BQL	BQL	28.5	4.52	5.34
11/16/2016	56.7	130.0	940.0	4096.0	5222.7	BQL	335.0	BQL	BQL	BQL	BQL	61.2	9.38	5.12
1/24/2017	31.1	56.5	459.0	2003.0	2549.6	BQL	219.0	BQL	BQL	BQL	BQL	38.3	6.73	5.97
4/27/2017	30.4	75.2	513.0	1823.1	2441.7	BQL	191.0	BQL	BQL	BQL	BQL	41.9	6.57	3.37
7/13/2017	BQL	45.6	385	1440	1870.6	BQL	179	BQL	BQL	BQL	BQL	53.6	5.810	3.81
10/25/2017	BQL	25.0	488	1470	1983.0	BQL	180	BQL	BQL	BQL	BQL	41.2	6.260	4.98
2/13/2018	<20.0	24.4	416	904	1344.4	<20.0	151	<100	<100	<100	<20.0	40.9	4.940	3.22
4/27/2018	<10.0	14.2	288	635.6	937.8	<10.0	114	<50.0	<50.0	<10.0	<10.0	28.2	3.640	4.61
7/19/2018	<10.0	22.0	432	860.9	1314.9	<10.0	184	<50.0	<50.0	<10.0	<10.0	34.2	2.870	4.24
10/24/2018	<8.0	14.1	392	446.5	852.6	<8.0	158	<40.0	<40.0	<8.0	<8.0	31.3	3.520	3.10
1/23/2019	<10.0	<10.0	169	251	420.0	<10.0	82.9	<50.0	<50.0	<10.0	<10.0	27.3	3.160	3.19
7/24/2019	14.1	6.3	254	164.3	438.7	<5.0	104.0	61.0	<50.0	<5.0	<5.0	28.2	2.590	2.55
4/22/2020	4.3	<2.0	49.7	14.6	68.6	<2.0	37.8	<20.0	<20.0	<2.0	<2.0	9.7	1.240	2.62
7/7/2020	23.5	2.8	93.9	21.9	142.1	<2.0	61.3	<20.0	<20.0	<2.0	<2.0	15.9	0.948	1.44
10/8/2020	18.3	4.9	111	55.5	189.7	1.2	91.8	<10.0	<10.0	<1.0	<1.0	28.7	1.740	2.23
1/14/2021	6.1	<2.0	24	8.8	38.9	<2.0	31.5	<20.0	<20.0	<2.0	<2.0	5.5	0.938	1.70
4/8/2021	9.8	1.4	58.6	30.8	101.0	<1.0	29.4	<10.0	<10.0	<1.0	<1.0	7.8	0.863	1.34
7/7/2021	5.3	1.9	97.4	42.8	147.4	<1.0	72.6	19.0	<10.0	<1.0	<1.0	20.4	1.600	1.51
10/7/2021	5.8	2.6	98.1	42.1	148.6	<1.0	104.0	48.6	<10.0	<1.0	<1.0	21.3	0.985	2.19
1/13/2022	4.1	1.2	20.1	5.7	31.1	<1.0	17.9	<10.0	<10.0	<1.0	<1.0	12.3	0.695	1.93
4/6/2022	6.9	1.5	36.9	14.1	59.4	<1.0	32.1	<10.0	<10.0	<1.0	<1.0	9.7	0.837	2.06
7/12/2022	7.2	<1.0	36.0	9.8	53.0	<1.0	24.5	<10.0	<10.0	<1.0	<1.0	8.9	0.249	1.13
MW-2	7/22/2010	16,800	21000.0	1330.0	7900.0	47030.0	LPH	1484.0	LPH	LPH	LPH	LPH	LPH	LPH
	10/28/2010	3,900	7900.0	370.0	1720.0	13890.0	BQL	270.0	BQL	BQL	BQL	60.0	24.0	9.3
	1/10/2011	3,000	9600.0	1400.0	6300.0	20300.0	BQL	470.0	BQL	BQL	BQL	85.0	14.0	4.4

Table 2 - Monitoring Well Groundwater Analytical Results
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Rosedale, MD 21237

Well No.	Date	B	T	E	X	Total BTEX	MTBE	Naphthalene	Acetone	MEK	1,2-Dichloroethane	Isopropylbenzene	TPH GRO	TPH DRO	
MW-2R	4/27/2011	16,800	21000.0	1330.0	7900.0	47030.0	LPH	1484.0	LPH	LPH	LPH	LPH	LPH	LPH	
	8/9/2011	7,600	18300.0	1720.0	7870.0	35490.0	BQL	BQL	BQL	BQL	BQL	BQL	92.3	4.4	
	10/28/2011	6,600	27000.0	3200.0	20300.0	57100.0	BQL	3800.0	BQL	BQL	BQL	180.0	17.0	11.0	
	1/10/2012	16,800	21000.0	1330.0	7900.0	47030.0	LPH	1484.0	LPH	LPH	LPH	LPH	LPH	LPH	
	4/11/2012	200	590.0	90.0	630.0	1510.0	BQL	100.0	BQL	BQL	BQL	7.8	1.1	2.4	
	7/6/2012	255	1200.0	188.0	1538.0	3181.0	BQL	65.2	BQL	BQL	BQL	BQL	4.19	1.91	
	10/5/2012	97.9	105.0	5.6	483.0	691.5	7.3	16.5	BQL	BQL	BQL	BQL	1.49	0.54	
	1/21/2013	6.8	23.5	6.7	60.0	97.0	2.1	5.1	BQL	BQL	BQL	BQL	0.177	0.37	
	4/17/2013	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2013	152	421.0	269.0	2086.0	2928.0	BQL	109.0	BQL	BQL	BQL	11.2	3.58	1.37	
10/8/2013	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
1/6/2014	BQL	BQL	BQL	8.1	8.1	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.32	
4/23/2014	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
7/17/2014	46.2	41.7	48.0	215.9	351.8	BQL	12.8	BQL	BQL	BQL	2.0	0.761	0.82		
10/8/2014	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
1/9/2015	437	159	388	1262.0	2246	BQL	99.2	BQL	BQL	BQL	15.5	2.97	2.36		
4/15/2015	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
7/8/2015	20.4	124	397.0	1685.0	2226.4	BQL	121	BQL	BQL	BQL	19.4	4.31	1.41		
10/21/2015	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
1/14/2016	235	450	422	2247	3354	BQL	142	BQL	BQL	BQL	33.8	9.37	8.10		
4/8/2016	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
8/25/2016	391	407	808	2950	4556	BQL	201	BQL	BQL	BQL	49.2	5.06	8.60		
11/16/2016	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
1/24/2017	181.0	49.9	639.0	1565.0	2434.9	BQL	193.0	BQL	BQL	BQL	54.9	4.79	7.33		
7/13/2017	254	51.8	637	1302	2244.8	BQL	161	BQL	BQL	BQL	53.6	4.330	4.00		
10/25/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
2/13/2018	195	20.8	578	1010.4	1804.2	<20.0	154	<100	<100	<20.0	48.6	4.270	3.69		
7/19/2018	177	55.7	680	1397	2309.7	<20.0	148	<100	<100	<20.0	56.0	5.020	5.07		
1/23/2019	106	29.7	444	699	1279.1	<20.0	107	<100	<100	<20.0	35.5	2.810	3.01		
7/24/2019	251	87.4	800	1105.2	2243.6	<5.0	214	97.4	66.4	<5.0	59.5	4.800	3.43		
4/22/2020	135	14.3	481	151.9	782.2	<3.0	126	<30.0	<30.0	<3.0	49.1	2.270	3.50		
7/7/2020	142	16.2	680	250.7	1088.9	<5.0	266	<50.0	<50.0	<5.0	58.9	2.340	2.11		
10/8/2020	331	55.4	1170	2383.8	3940.2	<20.0	295	<100.0	<100	<10.0	82.8	7.580	3.42		
1/14/2021	89.1	14.3	345	179.9	628.2	<50.0	159	<50.0	<50.0	<5.0	43.2	2.120	3.31		
4/8/2021	65.0	11.2	280	181.1	537.3	<2.0	103	20.8	<20.0	<2.0	37.5	1.990	1.73		
7/7/2021	36.6	7.2	66.0	81.9	191.7	<2.0	101	22.4	<20.0	<2.0	32.7	1.650	1.27		
10/7/2021	194.0	15.8	784.0	1160.0	2153.8	<10.0	432	<100	<100	<10	98.0	4.080	6.91		
1/13/2022	82.6	8.0	335	84.4	510.0	<3.0	173	<30.0	<30.0	<3.0	55.8	1.320	2.48		
4/6/2022	10.6	2.4	113	48.5	174.5	<1.0	47.1	<10.0	<10.0	<1.0	14.5	0.864	0.83		
7/12/2022	34.6	5.9	341	124	505.5	<3.0	119	<30.0	<30.0	<3.0	38.7	0.911	1.87		
MW-3	7/22/2010	200	1700.0	330.0	1770.0	4000.0	310	1800	BQL	BQL	BQL	45.0	7.0	1.6	
	10/28/2010	10	24.0	9.3	28.0	71.3	BQL	34.0	BQL	BQL	BQL	BQL	BQL	BQL	
	1/10/2011	240	200.0	67.0	300.0	807.0	310	48.0	BQL	BQL	BQL	5.1	1.1	0.9	
	4/27/2011	32	33.0	17.0	118.0	200.0	BQL	49.0	BQL	BQL	BQL	BQL	BQL	BQL	
	7/21/2011	52	15.0	12.0	50.0	129.0	BQL	6.2	BQL	BQL	BQL	BQL	0.5	BQL	
	10/28/2011	360	47.0	9.6	65.0	481.6	310.0	10.0	BQL	BQL	BQL	BQL	BQL	BQL	
	1/10/2012	230	75.0	88.0	89.0	482.0	BQL	30.0	BQL	BQL	BQL	8.0	0.8	BQL	
4/11/2012	30	16.0	6.2	40.0	92.2	35.0	6.7	BQL	BQL	BQL	BQL	BQL	BQL		
7/6/2012	639	917.0	143.0	713.0	2412.0	21.7	BQL	BQL	BQL	BQL	12.7	BQL	2.83	1.57	

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Well No.	Date	B	T	E	X	Total BTEX	MTBE	Naphthalene	Acetone	MEK	1,2-Dichloroethane	Isopropylbenzene	TPH GRO	TPH DRO
	10/5/2012	40.4	2.3	7.1	9.2	59.0	BQL	BQL	BQL	BQL	BQL	BQL	0.122	BQL
	1/21/2013	73.4	13.4	10.7	14.0	111.5	5.7	3.1	BQL	BQL	BQL	BQL	0.216	0.62
	4/17/2013	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.53
	7/19/2013	4.8	BQL	BQL	3.5	8.3	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.62
	10/8/2013	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.48
	1/6/2014	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.26
	4/23/2014	5.5	BQL	BQL	BQL	5.5	4.1	BQL	78.2	BQL	BQL	BQL	BQL	0.34
	7/17/2014	8.1	BQL	10.7	BQL	18.8	4.8	BQL	BQL	BQL	BQL	BQL	0.148	0.73
	10/8/2014	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.59
	1/9/2015	3.8	BQL	2.4	BQL	6.2	8.8	BQL	BQL	BQL	BQL	BQL	BQL	0.34
	4/15/2015	BQL	BQL	BQL	BQL	BQL	6.1	BQL	BQL	BQL	BQL	BQL	BQL	0.29
	7/8/2015	BQL	BQL	BQL	BQL	BQL	2.8	BQL	BQL	BQL	BQL	BQL	BQL	0.33
	10/21/2015	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.43
	12/3/2015	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	NS	NS	NS	NS	NS
	1/14/2016	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	2/10/2016	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NS	NS	NS	NS	NS	NS
	3/9/2016	2.2	BQL	BQL	BQL	2.2	9.4	BQL	NS	NS	NS	NS	NS	NS
	4/8/2016	12.0	BQL	2.8	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	0.132	BQL
	5/25/2016	BQL	BQL	BQL	BQL	BQL	3.9	BQL	NS	NS	NS	NS	NS	NS
	8/25/2016	BQL	BQL	BQL	BQL	4.0	4.5	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	11/16/2016	2.4	BQL	BQL	BQL	2.4	33.1	BQL	BQL	BQL	BQL	BQL	BQL	0.64
	1/24/2017	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.28
	4/27/2017	BQL	BQL	BQL	BQL	BQL	8.4	BQL	BQL	BQL	BQL	BQL	BQL	0.28
	7/13/2017	3.2	BQL	BQL	BQL	3.2	38.0	BQL	BQL	BQL	BQL	4.1	0.106	0.65
	10/25/2017	BQL	BQL	BQL	BQL	BQL	15.0	BQL	BQL	BQL	BQL	BQL	BQL	0.46
	2/13/2018	<2.0	<2.0	<2.0	<4.0	<10.0	<2.0	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	0.26
	4/27/2018	<2.0	<2.0	<2.0	<4.0	<10.0	2.5	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.19
	7/19/2018	3.0	<2.0	<2.0	<4.0	3.0	18.9	<2.0	<10.0	<10.0	<2.0	2.9	<0.100	0.72
	1/22/2019	<2.0	<2.0	<2.0	<4.0	<10.0	2.5	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.19
	7/24/2019	<1.0	<1.0	<1.0	<2.0	<5.0	2.9	<1.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.22
MW-3 abandoned on May 5, 2020														
MW-4	7/22/2010	5,200	22000.0	2900.0	17000.0	47100.0	BQL	8600.0	BQL	BQL	BQL	150.0	30.0	8.0
	10/28/2010	560	3000.0	310.0	2780.0	6650.0	BQL	560.0	BQL	BQL	BQL	74.0	8.6	4.3
	1/10/2011	1,500	4700.0	580.0	2800.0	9580.0	BQL	1900.0	BQL	BQL	BQL	63.0	19.0	4.5
	4/27/2011	16,800	21000.0	1330.0	7900.0	47030.0	LPH	1484.0	LPH	LPH	LPH	LPH	LPH	LPH
MW-4R	8/9/2011	7,710	33500.0	2800.0	18800.0	62810.0	BQL	BQL	BQL	BQL	BQL	BQL	54.0	5.2
	10/28/2011	7,700	13000.0	2600.0	14200.0	37500.0	BQL	800.0	BQL	BQL	BQL	160.0	29.0	3.9
	1/10/2012	4,700	9200.0	1800.0	8100.0	23800.0	BQL	1700.0	BQL	BQL	BQL	120.0	24.0	13.0
	4/11/2012	360	1000.0	280.0	2500.0	4140.0	BQL	290.0	BQL	BQL	BQL	53.0	9.6	5.5
	7/6/2012	6.4	14.8	51.4	310.3	382.9	BQL	16.1	BQL	BQL	BQL	BQL	1.08	2.13
	10/5/2012	718	613.0	268.0	500.1	2099.1	13.9	68.6	BQL	BQL	BQL	10.8	2.95	0.81
	1/21/2013	218	85.5	79.6	108.9	492.0	7.9	34.8	BQL	BQL	BQL	5.9	1.290	0.92
	4/17/2013	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2013	8.1	2.6	9.5	8.7	28.9	BQL	BQL	BQL	BQL	BQL	BQL	0.153	0.77
	10/8/2013	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/6/2014	4.9	2.4	10.2	13.9	31.4	BQL	2.9	BQL	BQL	BQL	BQL	0.131	0.42
	4/23/2014	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/17/2014	19.9	2.7	11.5	17.6	51.7	3.4	3.3	BQL	BQL	BQL	BQL	0.321	0.96
	10/8/2014	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/9/2015	5.5	BQL	6.8	BQL	12.3	6.4	BQL	BQL	BQL	BQL	BQL	BQL	0.36

Table 2 - Monitoring Well Groundwater Analytical Results
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Rosedale, MD 21237

Well No.	Date	B	T	E	X	Total BTEX	MTBE	Naphthalene	Acetone	MEK	1,2-Dichloroethane	Isopropylbenzene	TPH GRO	TPH DRO
	4/15/2015	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/8/2015	14.3	2.8	34.5	31.7	83.3	2.8	2.8	11.4	BQL	BQL	3.5	0.234	0.63
	10/21/2015	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/3/2015	BQL	BQL	2.8	3.9	6.7	BQL	BQL	NS	NS	NS	NS	NS	NS
	1/14/2016	BQL	BQL	9.4	BQL	9.4	BQL	3.0	BQL	BQL	BQL	2.0	0.110	0.35
	2/10/2016	BQL	BQL	5.0	BQL	5.0	BQL	BQL	NS	NS	NS	NS	NS	NS
	3/9/2016	3.3	BQL	8.5	2.4	14.2	4.0	2.8	NS	NS	NS	NS	NS	NS
	4/8/2016	8.0	BQL	18.1	3.8	29.9	2.9	BQL	BQL	BQL	BQL	BQL	0.385	0.76
	5/25/2016	3.4	BQL	9.3	3.6	16.3	2.6	2.7	NS	NS	NS	NS	NS	NS
	8/25/2016	8.0	BQL	9.3	5.6	22.9	2.7	2.7	BQL	BQL	BQL	BQL	0.753	0.74
	11/16/2016	3.0	BQL	BQL	2.8	5.8	3.5	BQL	BQL	BQL	BQL	BQL	0.151	0.65
	1/24/2017	2.7	BQL	3.6	2.2	8.5	BQL	2.8	BQL	BQL	BQL	2.0	0.178	0.61
	7/13/2017	5.2	BQL	7.0	7.5	19.7	4.2	BQL	BQL	BQL	BQL	BQL	0.153	0.64
	10/25/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/13/2018	3.9	<2.0	13.3	5.6	22.8	2.4	4.8	19.1	<10.0	<2.0	5.8	0.304	0.54
	7/19/2018	3.4	2.3	5.6	3.7	15.0	<2.0	<2.0	<10.0	<10.0	<2.0	2.2	0.282	0.56
	1/22/2019	<2.0	<2.0	15.4	13.2	28.6	<2.0	12.6	<10.0	<10.0	<2.0	7.3	0.440	0.35
	7/24/2019	1.0	<1.0	1.4	3.6	6.0	<1.0	3.0	12.4	<10.0	<1.0	2.8	0.284	0.32
	10/8/2020	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.22
	10/7/2021	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<2.0	<10.0	<10.0	<1.0	1.1	<0.100	0.20
MW-5	7/22/2010	16,800	21000.0	1330.0	7900.0	47030.0	LPH	1484.0	LPH	LPH	LPH	LPH	LPH	LPH
	10/28/2010	190	250.0	170.0	480.0	1090.0	BQL	110.0	BQL	BQL	BQL	10.0	1.2	0.5
	1/10/2011	210	190.0	94.0	570.0	1064.0	BQL	190.0	BQL	BQL	BQL	17.0	3.7	1.4
	4/27/2011	63	1100.0	250.0	1220.0	2633.0	BQL	220.0	BQL	BQL	BQL	43.0	3.9	2.1
MW-5R	8/9/2011	16,800	21000.0	1330.0	7900.0	47030.0	LPH	1484.0	LPH	LPH	LPH	LPH	LPH	LPH
	10/28/2011	16,800	21000.0	1330.0	7900.0	47030.0	LPH	1484.0	LPH	LPH	LPH	LPH	LPH	LPH
	1/10/2012	16,800	21000.0	1330.0	7900.0	47030.0	LPH	1484.0	LPH	LPH	LPH	LPH	LPH	LPH
	4/11/2012	220	200.0	74.0	1700.0	2194.0	BQL	100.0	BQL	BQL	BQL	12.0	3.0	0.9
	7/6/2012	26.2	6.0	BQL	9.4	41.6	6.6	BQL	BQL	BQL	BQL	BQL	BQL	0.73
	10/5/2012	359	34.5	108.0	401.0	902.5	25.7	88.9	BQL	BQL	BQL	12.2	2.15	1.45
	1/21/2013	248	6.5	35.4	10.3	300.2	18.1	8.5	BQL	BQL	BQL	BQL	0.665	0.86
	4/17/2013	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2013	47.2	6.3	23.9	36.9	114.3	10.2	11.2	BQL	BQL	BQL	BQL	0.404	BQL
	10/8/2013	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/6/2014	4.2	BQL	BQL	BQL	4.2	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.31
	4/23/2014	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/17/2014	52.4	12.1	81.6	146.3	292.4	4.0	16.2	BQL	BQL	BQL	5.2	0.676	2.09
	10/8/2014	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/9/2015	33.6	2.3	101.0	210.8	347.7	2.1	24.6	BQL	BQL	BQL	10.8	1.02	0.84
	4/15/2015	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/8/2015	3.6	BQL	3.2	BQL	6.8	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.46
	10/21/2015	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/3/2015	4.1	BQL	BQL	BQL	4.1	BQL	BQL	NS	NS	NS	NS	NS	NS
	1/14/2016	22.0	BQL	2.8	2.5	27.3	3.3	BQL	BQL	BQL	BQL	BQL	BQL	0.35
	2/10/2016	3.0	BQL	BQL	BQL	3.0	BQL	BQL	NS	NS	NS	NS	NS	NS
	3/9/2016	265	4.3	17.3	23.2	309.8	12.1	7.0	NS	NS	NS	NS	NS	NS
	4/8/2016	309	13.3	61.5	77.5	461.3	10.4	19.7	BQL	BQL	BQL	10.7	1.02	0.76
	5/25/2016	61	2.2	7.6	7.8	78.5	4.5	BQL	NS	NS	NS	NS	NS	NS
	8/25/2016	191	4.1	45.4	25.6	266.1	10.9	8.6	BQL	BQL	BQL	8.5	0.723	0.86
	11/16/2016	187	4.0	26.9	28.7	246.6	19.2	14.5	BQL	BQL	BQL	8.8	0.582	0.87

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Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Rosedale, MD 21237

Well No.	Date	B	T	E	X	Total BTEX	MTBE	Naphthalene	Acetone	MEK	1,2-Dichloroethane	Isopropylbenzene	TPH GRO	TPH DRO
	10/5/2012	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	1/21/2013	BQL	BQL	BQL	BQL	4.0	2.1	BQL	BQL	BQL	BQL	BQL	BQL	0.49
	4/17/2013	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2013	12	BQL	2.8	BQL	14.8	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.31
	10/8/2013	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/6/2014	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.31
	4/23/2014	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/17/2014	17.6	13.9	12.6	BQL	44.1	3.4	BQL	BQL	BQL	BQL	BQL	0.151	0.41
	10/8/2014	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/9/2015	19.4	2.8	41.0	57.4	120.6	3.2	15.0	BQL	BQL	BQL	5.4	0.306	0.51
	4/15/2015	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/8/2015	125.0	691.0	399.0	1538.0	2753.0	BQL	150.0	BQL	BQL	BQL	31.2	3.710	1.80
	10/21/2015	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/14/2016	13.2	62.1	365.0	631.0	1071.3	BQL	127.0	BQL	BQL	BQL	22.8	3.380	2.22
	4/8/2016	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/25/2016	16.9	30.0	189.0	370.5	606.4	8.5	53.0	BQL	BQL	BQL	12.0	2.240	2.41
	11/16/2016	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/24/2017	11.4	9.0	137.0	153.5	310.9	7.3	30.1	BQL	BQL	BQL	11.2	1.03	2.35
	7/13/2017	12.9	5.0	95.2	20.5	133.6	5.0	27.3	BQL	BQL	BQL	10.3	0.692	1.26
	10/25/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/13/2018	8.5	11.4	165.0	127.8	312.7	<4.0	56.8	<20.0	<20.0	<4.0	13.3	1.370	1.07
	7/19/2018	3.3	2.7	30.5	5.0	41.5	<2.0	21.9	<10.0	<10.0	<2.0	4.7	0.774	1.00
	1/23/2019	<10.0	27.1	406	289.9	723.0	<10.0	149.0	<50.0	<50.0	<10.0	41.9	1.190	2.98
	7/24/2019	<5.0	8.2	169	30.2	207.4	<5.0	74.6	<50.0	<50.0	<5.0	26.2	2.300	1.18
	4/22/2020	<2.0	8.6	92.3	34.7	135.6	<2.0	60.4	<20.0	<20.0	<2.0	34.3	1.990	1.90
	7/7/2020	<2.0	4.4	248	18.3	270.7	<2.0	97.0	<20.0	<20.0	<2.0	25.8	1.080	0.51
	10/8/2020	<2.0	7.2	75.8	68.7	151.7	<2.0	180	65.4	63.5	<2.0	38.7	1.360	1.63
	1/14/2021	<2.0	6.0	122.0	249.5	377.5	<2.0	207	<20.0	<20.0	<2.0	58.1	3.040	3.02
	4/8/2021	1.7	4.5	150	125.4	279.9	<1.0	132	25.5	<10.0	<1.0	48.9	2.530	2.34
	7/7/2021	1.3	2.9	112	47.7	162.6	<1.0	170	28.9	<10.0	<1.0	58.4	1.690	1.40
	10/7/2021	1.6	2.1	8.5	25.6	37.8	<1.0	172	143.0	15.4	<1.0	41.1	1.330	1.53
	1/13/2022	1.0	<1.0	2.9	2.5	6.4	<1.0	6.1	<10.0	<10.0	<1.0	11.5	0.587	0.71
	4/6/2022	<1.0	<1.0	38.8	22.5	61.3	<1.0	24.2	<10.0	11.9	<1.0	12.8	0.799	0.56
	7/12/2022	<1.0	1.1	46.6	20.4	68.1	<1.0	60.1	<10.0	<10.0	<1.0	37.3	0.615	1.12
MW-9	7/22/2010	200	150.0	35.0	470.0	855.0	110.0	50.0	BQL	BQL	BQL	5.5	BQL	BQL
	10/28/2010	200	115.0	110.0	400.0	825.0	BQL	37.0	BQL	BQL	BQL	11.0	BQL	1.4
	1/10/2011	580	480.0	85.0	1050.0	2195.0	BQL	62.0	BQL	BQL	BQL	9.3	1.9	1.1
	4/27/2011	1,300	3300.0	600.0	3000.0	8200.0	BQL	250.0	BQL	BQL	BQL	46.0	4.2	5.9
	7/21/2011	1,700	1700.0	1400.0	4100.0	8900.0	BQL	1600.0	BQL	BQL	BQL	110	7.4	1.7
	10/28/2011	2,800	7200.0	1500.0	4400.0	15900.0	BQL	640.0	BQL	BQL	BQL	130	4.9	6.0
	1/10/2012	640	BQL	30.0	BQL	670.0	81.0	BQL	BQL	BQL	BQL	7.1	0.7	BQL
	4/11/2012	340	210.0	130.0	226.0	906.0	BQL	33.0	BQL	BQL	BQL	BQL	BQL	BQL
	7/6/2012	BQL	BQL	BQL	BQL	4.0	6.0	BQL	BQL	BQL	BQL	BQL	BQL	0.28
	10/5/2012	7.3	BQL	BQL	BQL	7.3	4.3	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	1/21/2013	BQL	BQL	BQL	BQL	4.0	3.3	BQL	BQL	BQL	BQL	BQL	BQL	0.31
	4/17/2013	BQL	BQL	BQL	BQL	4.0	3.7	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	7/19/2013	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.22
	10/8/2013	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.25
	1/6/2014	2.4	BQL	BQL	BQL	2.4	2.7	BQL	BQL	BQL	BQL	BQL	BQL	0.27

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Well No.	Date	B	T	E	X	Total BTEX	MTBE	Naphthalene	Acetone	MEK	1,2-Dichloroethane	Isopropylbenzene	TPH GRO	TPH DRO
	4/23/2014	BQL	BQL	BQL	BQL	4.0	2.8	BQL	BQL	BQL	BQL	BQL	BQL	0.22
	7/17/2014	79.2	13.9	96.6	121.9	311.6	7.5	74.7	BQL	BQL	BQL	7.2	0.897	1.24
	10/8/2014	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	1/9/2015	118	258.0	267.0	500.0	1143.0	9.4	85.6	BQL	BQL	BQL	19.0	1.75	1.74
	4/15/2015	153	181.0	248.0	611.0	1193.0	6.1	99.1	BQL	BQL	BQL	18.6	1.76	1.28
	7/8/2015	55.4	18.4	68.1	55.6	197.5	5.2	16.6	BQL	BQL	BQL	3.4	0.398	1.27
	10/21/2015	2.4	BQL	BQL	BQL	5.4	BQL	BQL	BQL	BQL	BQL	BQL	0.133	BQL
	12/3/2015	23.1	2.4	36.4	30.7	92.6	3.0	13.2	NS	NS	NS	NS	NS	NS
	1/14/2016	115	9.3	177.0	180.5	481.8	3.0	72.4	BQL	BQL	BQL	18.1	1.22	2.00
	2/10/2016	170.0	15.1	198.0	71.6	454.7	3.0	75.6	NS	NS	NS	NS	NS	NS
	3/9/2016	281.0	54.0	377.0	115.9	827.9	BQL	123.0	NS	NS	NS	NS	NS	NS
	4/8/2016	249	24.7	296.0	69.6	639.3	3.4	102.0	BQL	BQL	BQL	26.7	2.22	2.00
	5/25/2016	170.0	4.7	204.0	11.0	389.7	BQL	54.2	NS	NS	NS	NS	NS	NS
	8/25/2016	66.2	BQL	129.0	6.5	201.7	3.6	27.4	13.8	BQL	BQL	14.5	1.06	1.81
	11/16/2016	13.5	BQL	33.9	BQL	47.4	3.4	3.3	BQL	BQL	BQL	4.3	0.232	1.33
	1/24/2017	13.1	BQL	49.4	BQL	62.5	3.0	6.4	BQL	BQL	BQL	5.7	0.317	1.37
	4/27/2017	11.7	BQL	47.2	BQL	58.9	2.9	2.4	BQL	BQL	BQL	5.1	0.267	0.75
	7/13/2017	8.9	BQL	90.1	BQL	101.0	3.3	BQL	BQL	BQL	BQL	9.3	0.37	1.02
	10/25/2017	4.5	BQL	23.2	BQL	29.7	2.7	BQL	BQL	BQL	BQL	2.4	0.172	0.68
	2/13/2018	25.3	<2.0	74.3	9.6	109.2	3.1	9.4	<10.0	<10.0	<2.0	8.6	0.44	3.22
	4/27/2018	10.7	<2.0	25.2	2.9	38.8	<2.0	2.3	<10.0	<10.0	<2.0	3.0	0.325	0.69
	7/19/2018	32.8	7.4	114	73.2	227.4	3.3	26.2	<10.0	<10.0	<2.0	9.2	0.555	0.97
	1/23/2019	19.3	5.6	76.0	92.6	193.5	<2.0	26.0	<10.0	<10.0	<2.0	6.7	0.538	0.86
	7/24/2019	11.2	<1.0	24.4	32.1	67.7	1.3	5.4	<10.0	<10.0	<1.0	2.1	0.404	0.64
MW-9 abandoned on May 5, 2020														
MW-10	7/22/2010	BQL	5.6	BQL	BQL	5.6	120.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	10/28/2010	6.2	6.2	BQL	BQL	12.4	120.0	6.6	BQL	BQL	BQL	BQL	BQL	BQL
	1/10/2011	110	80.0	24.0	110.0	324.0	BQL	16.0	BQL	BQL	BQL	BQL	BQL	BQL
	4/27/2011	630	820.0	98.0	550.0	2098.0	BQL	390.0	BQL	BQL	BQL	6.4	0.9	1.3
	7/21/2011	900	900.0	130.0	670.0	2600.0	BQL	40.0	BQL	BQL	BQL	9.9	1.1	BQL
	10/28/2011	5,600	7900.0	900.0	4400.0	18800.0	BQL	330.0	BQL	BQL	BQL	52.0	6.4	4.0
	1/10/2012	2,900	420.0	120.0	320.0	3760.0	BQL	60.0	BQL	BQL	BQL	20.0	1.6	BQL
	4/11/2012	730	53.0	7.6	113.0	903.6	BQL	17.0	BQL	BQL	BQL	7.6	BQL	BQL
	7/6/2012	260	10.2	BQL	24.4	294.6	88.1	BQL	BQL	BQL	6.2	BQL	0.63	0.40
	10/5/2012	134	BQL	BQL	BQL	134.0	111.0	BQL	BQL	BQL	BQL	BQL	0.334	0.26
	1/21/2013	73.3	BQL	BQL	5.6	78.9	95.5	BQL	BQL	BQL	BQL	BQL	0.286	0.50
	4/17/2013	58.8	BQL	BQL	7.4	66.2	128.0	BQL	BQL	BQL	BQL	BQL	0.234	0.37
	7/19/2013	31.1	BQL	BQL	2.3	33.4	141.0	BQL	BQL	BQL	BQL	BQL	0.179	0.46
	10/8/2013	21.9	BQL	BQL	BQL	21.9	146.0	BQL	BQL	BQL	BQL	BQL	0.208	0.47
	1/6/2014	33.6	BQL	BQL	BQL	33.6	88.8	BQL	BQL	BQL	BQL	BQL	0.177	0.41
	4/23/2014	18.3	BQL	BQL	BQL	18.3	128.0	BQL	BQL	BQL	BQL	BQL	0.181	0.39
	7/17/2014	8.7	BQL	BQL	BQL	8.7	133.0	BQL	BQL	BQL	BQL	BQL	0.167	0.31
	10/8/2014	9.3	BQL	BQL	BQL	9.3	127.0	BQL	BQL	BQL	BQL	BQL	0.121	0.34
	1/9/2015	5	BQL	BQL	BQL	5.0	97.7	BQL	BQL	BQL	BQL	BQL	0.122	0.34
	4/15/2015	3.9	BQL	BQL	BQL	3.9	65.4	BQL	BQL	BQL	BQL	BQL	BQL	0.31
	7/8/2015	3.6	BQL	BQL	BQL	3.6	60.1	BQL	BQL	BQL	BQL	BQL	BQL	0.33
	10/21/2015	6.6	BQL	BQL	BQL	9.6	95.8	BQL	BQL	BQL	BQL	BQL	0.132	0.33
	1/14/2016	10.1	BQL	BQL	BQL	10.1	97.5	BQL	BQL	BQL	BQL	BQL	0.152	0.30
	4/8/2016	12.8	BQL	BQL	BQL	12.8	66.5	BQL	BQL	BQL	BQL	BQL	0.277	0.22
	8/25/2016	13.2	BQL	3.4	3.4	20.0	32.3	BQL	BQL	BQL	BQL	BQL	0.151	0.40

Table 2 - Monitoring Well Groundwater Analytical Results
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Rosedale, MD 21237

Well No.	Date	B	T	E	X	Total BTEX	MTBE	Naphthalene	Acetone	MEK	1,2-Dichloroethane	Isopropylbenzene	TPH GRO	TPH DRO
	1/10/2011	BQL	BQL	BQL	BQL	4.0	BQL	9.0	BQL	BQL	BQL	BQL	BQL	BQL
	4/27/2011	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	7/21/2011	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	10/28/2011	BQL	BQL	BQL	8.1	8.1	BQL	9.6	BQL	BQL	BQL	BQL	BQL	BQL
	1/10/2012	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	4/11/2012	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	7/6/2012	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	10/5/2012	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	1/21/2013	BQL	BQL	BQL	BQL	4.0	BQL	BQL	11.0	20.4	BQL	BQL	BQL	BQL
	4/17/2013	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	7/19/2013	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	10/8/2013	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	1/6/2014	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	4/23/2014	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	7/17/2014	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	10/8/2014	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	1/9/2015	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	4/15/2015	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	7/8/2015	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	10/21/2015	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	1/14/2016	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	4/8/2016	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	8/25/2016	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	11/16/2016	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	1/24/2017	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	4/27/2017	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	7/13/2017	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	10/25/2017	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	2/13/2018	<2.0	<2.0	<2.0	<4.0	<10.0	<2.0	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.19
	4/27/2018	<2.0	<2.0	<2.0	<4.0	<10.0	<2.0	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.20
	7/19/2018	<2.0	<2.0	<2.0	<4.0	<10.0	<2.0	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.22
	1/22/2019	<2.0	<2.0	<2.0	<4.0	<10.0	<2.0	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.19
	7/24/2019	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<1.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.19
MW-12 abandoned on May 5, 2020														
MW-13	7/22/2010	BQL	15.0	BQL	BQL	15.0	BQL	23.0	BQL	BQL	BQL	BQL	BQL	BQL
	10/28/2010	BQL	10.0	BQL	14.3	24.3	30.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	1/10/2011	BQL	15.0	BQL	BQL	15.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	4/27/2011	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	7/21/2011	BQL	5.1	5.0	16.6	26.7	BQL	11.0	BQL	BQL	BQL	BQL	BQL	BQL
	10/28/2011	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	1/10/2012	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	4/11/2012	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	7/6/2012	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.22
	10/5/2012	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	1/21/2013	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.34
	4/17/2013	BQL	BQL	BQL	BQL	4.0	2.1	BQL	BQL	BQL	BQL	BQL	BQL	0.24
	7/19/2013	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.33
	10/8/2013	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.30
	1/6/2014	BQL	BQL	BQL	BQL	4.0	2.4	BQL	BQL	BQL	BQL	BQL	BQL	0.28

Table 2 - Monitoring Well Groundwater Analytical Results
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Rosedale, MD 21237

Well No.	Date	B	T	E	X	Total BTEX	MTBE	Naphthalene	Acetone	MEK	1,2-Dichloroethane	Isopropylbenzene	TPH GRO	TPH DRO
	4/23/2014	BQL	BQL	BQL	BQL	4.0	2.3	BQL	BQL	BQL	BQL	BQL	BQL	0.26
	7/17/2014	BQL	BQL	BQL	BQL	4.0	2.1	BQL	17.5	BQL	BQL	BQL	BQL	0.21
	10/8/2014	BQL	BQL	BQL	BQL	4.0	2.1	BQL	14.5	BQL	BQL	BQL	BQL	0.20
	1/9/2015	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.26
	4/15/2015	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.24
	7/8/2015	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.28
	10/21/2015	BQL	BQL	BQL	BQL	4.0	2.1	BQL	BQL	BQL	BQL	BQL	0.123	BQL
	1/14/2016	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.22
	4/8/2016	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.22
	8/25/2016	BQL	BQL	BQL	BQL	4.0	BQL	BQL	14.4	BQL	BQL	BQL	BQL	BQL
	11/16/2016	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	1/24/2017	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	4/27/2017	BQL	BQL	BQL	BQL	4.0	BQL	BQL	11.4	BQL	BQL	BQL	BQL	0.220
	7/13/2017	BQL	BQL	BQL	BQL	4.0	BQL	BQL	11.8	BQL	BQL	BQL	BQL	BQL
	10/25/2017	BQL	BQL	BQL	BQL	4.0	BQL	BQL	15.3	BQL	BQL	BQL	BQL	BQL
	2/13/2018	<2.0	<2.0	<2.0	<4.0	<10.0	<2.0	<2.0	12.5	<10.0	<2.0	<2.0	<0.100	0.22
	4/27/2018	<2.0	<2.0	<2.0	<4.0	<10.0	<2.0	<2.0	10.6	<10.0	<2.0	<2.0	<0.100	0.22
	7/19/2018	<2.0	<2.0	<2.0	<4.0	<10.0	<2.0	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	0.23
	1/23/2019	<2.0	<2.0	<2.0	<4.0	<10.0	<2.0	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	0.21
	7/24/2019	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<1.0	20.8	<10.0	<1.0	<1.0	<0.100	0.59
MW-13 abandoned on May 5, 2020														
MW-14	7/22/2010	16,800	21000.0	1330.0	7900.0	47030.0	LPH	1484.0	LPH	LPH	LPH	LPH	LPH	LPH
	10/28/2010	16,800	21000.0	1330.0	7900.0	47030.0	LPH	1484.0	LPH	LPH	LPH	LPH	LPH	LPH
	1/10/2011	16,800	21000.0	1330.0	7900.0	47030.0	LPH	1484.0	LPH	LPH	LPH	LPH	LPH	LPH
	4/27/2011	16,800	21000.0	1330.0	7900.0	47030.0	LPH	1484.0	LPH	LPH	LPH	LPH	LPH	LPH
	7/21/2011	16,800	21000.0	1330.0	7900.0	47030.0	LPH	1484.0	LPH	LPH	LPH	LPH	LPH	LPH
	10/28/2011	16,800	21000.0	1330.0	7900.0	47030.0	LPH	1484.0	LPH	LPH	LPH	LPH	LPH	LPH
	1/10/2012	16,800	21000.0	1330.0	7900.0	47030.0	LPH	1484.0	LPH	LPH	LPH	LPH	LPH	LPH
	4/11/2012	16,800	21000.0	1330.0	7900.0	47030.0	LPH	1484.0	LPH	LPH	LPH	LPH	LPH	LPH
	7/6/2012	287	592.0	126.0	941.0	1946.0	12.6	42.8	BQL	BQL	BQL	BQL	2.98	1.24
	10/5/2012	144	202.0	16.3	442.0	804.3	BQL	25.6	BQL	BQL	BQL	BQL	1.3	0.70
	1/21/2013	25.5	5.5	2.7	49.1	82.8	5.7	6.7	BQL	BQL	BQL	BQL	0.332	0.59
	4/17/2013	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2013	50.3	57.6	84.2	557.0	749.1	6.4	37.3	BQL	BQL	BQL	6.7	1.29	1.34
	10/8/2013	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/6/2014	19.0	2.9	13.2	91.5	126.6	4.5	11.7	BQL	BQL	BQL	BQL	0.411	0.79
	4/23/2014	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/17/2014	18.9	2.3	11.1	122.4	154.7	8.7	19.9	38.1	BQL	BQL	BQL	2.660	2.74
	10/8/2014	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/9/2015	36.9	4.0	32.8	128.5	202.2	8.8	14.2	BQL	BQL	BQL	3.0	0.46	1.08
	4/15/2015	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/8/2015	152	71.5	372.0	1119.0	1714.5	8.5	138.0	BQL	BQL	BQL	28.2	3.35	2.65
	10/21/2015	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/3/2015	150.0	15.4	72.9	317.0	555.3	35.4	12.8	NS	NS	NS	NS	NS	NS
	1/14/2016	196	20.4	102.0	150.5	468.9	26.6	29.2	BQL	BQL	BQL	4.9	1.31	4.37
	2/10/2016	78.1	9.0	119.0	195.2	401.3	12.2	37.5	NS	NS	NS	NS	NS	NS
	3/9/2016	21.5	3.3	103.0	161.1	288.9	6.5	60.6	NS	NS	NS	NS	NS	NS
	4/8/2016	9.9	BQL	37.9	58.6	106.4	3.9	28.7	BQL	BQL	BQL	3.6	1.26	1.56
	5/25/2016	12.2	BQL	8.1	17.4	37.7	4.6	14.3	NS	NS	NS	NS	NS	NS

Table 2 - Monitoring Well Groundwater Analytical Results
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Rosedale, MD 21237

Well No.	Date	B	T	E	X	Total BTEX	MTBE	Naphthalene	Acetone	MEK	1,2-Dichloroethane	Isopropylbenzene	TPH GRO	TPH DRO
	8/25/2016	23.3	2.5	5.6	12.2	43.6	3.6	3.3	BQL	BQL	BQL	BQL	0.710	2.01
	11/16/2016	8.2	BQL	2.2	10.9	21.3	3.4	2.4	BQL	BQL	BQL	BQL	0.394	1.46
	1/24/2017	10.3	BQL	2.1	11.2	23.6	3.7	2.8	BQL	BQL	BQL	BQL	0.276	2.15
	7/13/2017	24.8	3.6	4.0	8.8	41.2	4.6	BQL	BQL	BQL	BQL	BQL	0.268	1.61
	10/25/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/13/2018	23.2	<2.0	<2.0	7.8	<35.0	8.8	<2.0	<10.0	<10.0	<2.0	<2.0	0.292	1.39
	7/19/2018	23.0	<2.0	2.2	2.0	27.2	4.7	<2.0	<10.0	<10.0	<2.0	<2.0	0.270	1.73
	1/23/2019	11.6	<2.0	<2.0	<2.0	11.6	3.9	<2.0	<10.0	<10.0	<2.0	<2.0	0.271	1.4
	7/24/2019	16.3	<1.0	<1.0	1.8	18.1	4.4	1.4	<10.0	<10.0	<1.0	<1.0	0.208	1.06
	10/8/2020	22.1	1.8	2.2	10.6	36.7	3.4	3.2	<10.0	<10.0	<1.0	<1.0	0.250	0.66
	10/7/2021	23.7	<1.0	<1.0	1.4	25.1	3.8	4.2	40.7	<10.0	<1.0	<1.0	0.258	0.81
MW-15	8/9/2011	75.5	77.1	6.6	253.0	412.2	29.3	4.1	BQL	BQL	BQL	BQL	0.8	0.8
	10/28/2011	320	130.0	120.0	670.0	1240.0	37.0	110.0	BQL	BQL	BQL	17.0	0.9	2.0
	1/10/2012	26	3700.0	7.4	11.0	3744.4	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	4/11/2012	540	21.0	75.0	9.1	645.1	26.6	26.0	BQL	BQL	BQL	14.0	BQL	BQL
	7/6/2012	73.1	BQL	BQL	3.3	76.4	6.4	BQL	BQL	BQL	22.6	BQL	BQL	0.39
	10/5/2012	637	BQL	BQL	BQL	637.0	25.6	BQL	BQL	BQL	BQL	BQL	0.694	0.23
	1/21/2013	70.9	BQL	BQL	BQL	70.9	19.4	BQL	BQL	BQL	BQL	BQL	0.154	0.32
	4/17/2013	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/19/2013	4.9	BQL	BQL	BQL	4.9	11.7	BQL	BQL	BQL	BQL	BQL	BQL	0.27
	10/8/2013	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/6/2014	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	4/23/2014	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/17/2014	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.23
	10/8/2014	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/9/2015	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	4/15/2015	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/8/2015	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.42
	10/21/2015	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/14/2016	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	4/8/2016	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/25/2016	BQL	BQL	BQL	BQL	4.0	2.8	BQL	BQL	BQL	BQL	BQL	BQL	0.27
	11/16/2016	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/24/2017	BQL	BQL	BQL	BQL	4.0	2.9	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	7/13/2017	BQL	BQL	BQL	BQL	4.0	36.2	BQL	BQL	BQL	BQL	BQL	BQL	0.40
	10/25/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/13/2018	<2.0	<2.0	<2.0	<4.0	<10.0	<2.0	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.19
	7/19/2018	<2.0	<2.0	<2.0	<4.0	<10.0	9.1	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	0.21
	10/24/2018	<2.0	<2.0	<2.0	<4.0	<10.0	<2.0	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	0.23
	1/22/2019	<2.0	<2.0	<2.0	<4.0	<10.0	<2.0	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.19
	7/24/2019	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<1.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.19
	4/22/2020	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.20
	10/8/2020	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.21
	4/8/2021	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.19
	10/7/2021	<1.0	<1.0	<1.0	<2.0	<5.0	1.5	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.19
	4/6/2022	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.19
MW-16	8/9/2011	BQL	BQL	BQL	BQL	4.0	32.5	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	10/28/2011	150	410.0	40.0	220.0	820.0	22.0	41.0	BQL	BQL	BQL	BQL	BQL	BQL
	1/10/2012	2,300	1500.0	440.0	1060.0	5300.0	BQL	100.0	BQL	BQL	BQL	31.0	4.1	3.7

Table 2 - Monitoring Well Groundwater Analytical Results
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Rosedale, MD 21237

Well No.	Date	B	T	E	X	Total BTEX	MTBE	Naphthalene	Acetone	MEK	1,2-Dichloroethane	Isopropylbenzene	TPH GRO	TPH DRO
	11/16/2016	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/24/2017	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	7/13/2017	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	10/25/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/13/2018	<2.0	<2.0	<2.0	<4.0	<10.0	<2.0	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.19
	7/19/2018	<2.0	<2.0	<2.0	<4.0	<10.0	<2.0	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.20
	1/22/2019	<2.0	<2.0	<2.0	<4.0	<10.0	<2.0	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.19
	7/24/2019	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<1.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.19
	10/8/2020	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.30
	10/7/2021	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.20
MW-18	8/9/2011	8,050	38600.0	3830.0	21420.0	71900.0	BQL	511.0	BQL	BQL	BQL	BQL	148.0	4.6
	10/28/2011	16,800	21000.0	1330.0	7900.0	47030.0	LPH	1484.0	LPH	LPH	LPH	LPH	LPH	LPH
	1/10/2012	16,800	21000.0	1330.0	7900.0	47030.0	LPH	1484.0	LPH	LPH	LPH	LPH	LPH	LPH
	4/11/2012	1,300	410.0	440.0	440.0	2590.0	BQL	120.0	BQL	BQL	BQL	51.0	1.3	1.7
	7/6/2012	1,020	77.6	293.0	74.1	1464.7	12.3	82.4	BQL	BQL	BQL	BQL	3.37	0.80
	10/5/2012	1,700	52.7	191.0	BQL	1943.7	41.3	22.3	BQL	BQL	BQL	BQL	2.93	0.48
	1/21/2013	413	BQL	34.9	BQL	447.9	24.1	BQL	BQL	BQL	BQL	BQL	BQL	0.60
	4/17/2013	332	BQL	BQL	6.2	338.2	11.3	BQL	BQL	BQL	BQL	6.8	0.766	BQL
	7/19/2013	43.2	BQL	BQL	BQL	43.2	5.0	BQL	BQL	BQL	BQL	BQL	BQL	0.36
	10/8/2013	27.1	BQL	BQL	BQL	27.1	8.9	BQL	BQL	BQL	BQL	3.4	0.208	0.35
	1/6/2014	76.4	BQL	BQL	5.1	81.5	28.3	BQL	BQL	BQL	BQL	BQL	0.138	0.42
	4/23/2014	10.8	BQL	4.1	13.8	28.7	42.0	BQL	BQL	BQL	BQL	BQL	0.111	0.52
	7/17/2014	BQL	BQL	BQL	BQL	4.0	19.7	BQL	BQL	BQL	BQL	BQL	BQL	0.40
	10/8/2014	2.7	BQL	BQL	BQL	2.7	21.0	BQL	BQL	BQL	BQL	BQL	BQL	0.47
	1/9/2015	BQL	BQL	BQL	BQL	4.0	6.9	BQL	BQL	BQL	BQL	BQL	BQL	0.34
	4/15/2015	BQL	BQL	BQL	BQL	4.0	4.0	BQL	BQL	BQL	BQL	BQL	BQL	0.27
	7/8/2015	17.1	4.2	53.5	5.6	80.4	2.2	17.8	BQL	BQL	BQL	BQL	5.8	0.57
	10/21/2015	BQL	BQL	BQL	BQL	4.0	14.8	BQL	BQL	BQL	BQL	BQL	BQL	0.51
	12/3/2015	BQL	BQL	BQL	BQL	0.0	6.8	BQL	NS	NS	NS	NS	NS	NS
	1/14/2016	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.37
	2/10/2016	BQL	BQL	BQL	BQL	0.0	BQL	BQL	NS	NS	NS	NS	NS	NS
	3/9/2016	2.8	BQL	BQL	BQL	2.8	2.3	BQL	NS	NS	NS	NS	NS	NS
	4/8/2016	BQL	BQL	46.5	80.7	127.2	BQL	8.2	12.3	NS	NS	11.8	0.761	1.04
	5/25/2016	BQL	BQL	2.8	BQL	2.8	2.3	BQL	NS	NS	NS	NS	NS	NS
	8/25/2016	BQL	BQL	13.4	14.9	28.3	BQL	5.4	BQL	BQL	BQL	3.8	0.416	0.54
	11/16/2016	BQL	BQL	17.1	207.3	224.4	BQL	62.4	BQL	BQL	BQL	18.2	1.940	1.56
	1/24/2017	BQL	BQL	BQL	22.5	22.5	BQL	17.3	BQL	BQL	BQL	2.0	0.402	0.80
	4/27/2017	BQL	BQL	BQL	45.8	45.8	BQL	21.0	BQL	BQL	BQL	6.2	0.910	0.71
	7/13/2017	BQL	BQL	BQL	10.1	13.1	BQL	4.5	BQL	BQL	BQL	2.5	0.491	0.78
	10/25/2017	BQL	BQL	BQL	13.0	16.0	BQL	4.9	BQL	BQL	BQL	2.3	0.415	1.31
	2/13/2018	<2.0	<2.0	<2.0	<4.0	<10.0	<2.0	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.19
	4/27/2018	<2.0	<2.0	<2.0	<4.0	<10.0	<2.0	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	0.33
	7/19/2018	<2.0	<2.0	5.5	5.8	11.3	<2.0	10.4	<10.0	<10.0	<2.0	9.8	0.675	2.21
	1/22/2019	<2.0	<2.0	2.1	25.5	27.6	<2.0	5.3	<10.0	<10.0	<2.0	8.4	1.040	1.54
	7/24/2019	2.5	<1.0	<1.0	2.0	4.5	5.2	1.1	<10.0	<10.0	<1.0	2.2	0.300	1.14
MW-18 abandoned on May 5, 2020														
MW-19	8/9/2011	6,180	29200.0	2540.0	16730.0	54650.0	BQL	405.0	BQL	BQL	BQL	BQL	65.9	5.6
	10/28/2011	16,800	21000.0	1330.0	7900.0	47030.0	LPH	1484.0	LPH	LPH	LPH	LPH	LPH	LPH
	1/10/2012	8,000	18000.0	3300.0	14900.0	44200.0	BQL	2200.0	BQL	BQL	BQL	180.0	47.0	14.0
	4/11/2012	2,800	8600.0	2300.0	9900.0	23600.0	BQL	990.0	BQL	BQL	BQL	220.0	37.0	12.0

Table 2 - Monitoring Well Groundwater Analytical Results
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Rosedale, MD 21237

Well No.	Date	B	T	E	X	Total BTEX	MTBE	Naphthalene	Acetone	MEK	1,2-Dichloroethane	Isopropylbenzene	TPH GRO	TPH DRO
	10/21/2015	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	1/14/2016	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	4/8/2016	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	8/25/2016	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	11/16/2016	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	1/24/2017	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	4/27/2017	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	7/13/2017	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	10/25/2017	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	2/13/2018	<2.0	<2.0	<2.0	<4.0	<10.0	<2.0	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.22
	4/27/2018	<2.0	<2.0	<2.0	<4.0	<10.0	<2.0	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.19
	7/19/2018	<2.0	<2.0	<2.0	<4.0	<10.0	<2.0	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.21
	1/22/2019	<2.0	<2.0	<2.0	<4.0	<10.0	<2.0	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.19
	7/24/2019	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<1.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.21
MW-20 abandoned on May 5, 2020														
MW-21	8/9/2011	5,770	19600.0	1810.0	10990.0	38170.0	278.0	BQL	BQL	BQL	BQL	BQL	56.0	2.7
	10/28/2011	7,700	25000.0	3400.0	20300.0	56400.0	BQL	770.0	BQL	BQL	BQL	140.0	13.0	7.2
	1/10/2012	5,200	16000.0	2200.0	14800.0	38200.0	BQL	2300.0	BQL	BQL	BQL	170.0	34.0	18.0
	4/11/2012	2,900	10000.0	2000.0	11900.0	26800.0	BQL	770.0	BQL	BQL	BQL	170.0	16.0	13.0
	7/6/2012	702	2820.0	1050.0	5560.0	10132.0	BQL	237.0	BQL	BQL	BQL	BQL	13.5	5.82
	10/5/2012	232	706.0	801.0	3630.0	5369.0	BQL	191.0	BQL	BQL	BQL	40.1	9.63	4.38
	1/21/2013	93	164.0	542.0	2763.0	3562.0	BQL	267.0	BQL	BQL	BQL	52.7	8.040	6.16
	4/17/2013	158	127.0	331.0	2133.0	2749.0	22.8	163.0	BQL	BQL	BQL	30.0	6.050	4.06
	7/19/2013	427	64.9	443.0	1393.0	2327.9	54.9	163.0	BQL	BQL	BQL	BQL	5.390	3.05
	10/8/2013	79.6	5.9	65.2	139.8	290.5	22.8	55.6	BQL	BQL	BQL	7.0	2.430	4.21
	1/6/2014	11.7	BQL	155.0	454.0	620.7	13.5	86.9	BQL	BQL	BQL	23.1	0.997	2.07
	4/23/2014	147	15.1	93.1	352.5	607.7	28.8	86.0	BQL	BQL	BQL	38.0	2.430	4.33
	7/17/2014	399	BQL	56.0	99.1	554.1	69.9	88.0	59.6	BQL	BQL	BQL	0.799	3.26
	10/8/2014	305	12.3	166.0	384.0	867.3	63.3	79.8	BQL	BQL	BQL	BQL	2.92	2.83
	1/9/2015	728	33.8	308.0	773.9	1843.7	64.3	124.0	BQL	BQL	BQL	37.0	5.34	2.8
	4/15/2015	945	41.0	270.0	368.5	1624.5	98.3	78.4	BQL	BQL	BQL	30.3	2.32	3.3
	7/8/2015	1010	BQL	402.0	372.3	1784.3	62.0	67.4	BQL	BQL	BQL	31.6	2.95	3.28
	12/21/2015	369	BQL	58.3	10.0	438.3	48.6	BQL	BQL	BQL	BQL	8.1	0.995	1.95
	1/14/2016	919	118.0	294.0	386.0	1717.0	55.1	68.9	BQL	BQL	BQL	25.8	4.43	4.17
	4/8/2016	940	40.7	363.0	215.9	1559.6	46.6	38.3	BQL	BQL	BQL	31.0	4.40	4.26
	8/25/2016	598	BQL	344.0	191.5	1133.5	34.8	47.6	BQL	BQL	BQL	25.4	1.88	4.54
	11/16/2016	653	BQL	460.0	56.9	1169.9	39.7	12.7	BQL	BQL	BQL	35.5	1.69	5.63
	1/24/2017	655	BQL	381.0	164.0	1200.0	33.6	23.2	BQL	BQL	BQL	25.3	2.41	6.18
	4/27/2017	1070	BQL	538.0	285.0	1893.0	46.5	20.1	BQL	BQL	BQL	36.8	3.19	6.34
	7/13/2017	384	BQL	281	BQL	665.0	48.8	BQL	BQL	BQL	BQL	BQL	1.240	6.13
	10/25/2017	229	BQL	333	14.9	576.9	39.9	BQL	40.9	BQL	BQL	18.6	1.090	7.44
	2/13/2018	749	13.6	388	170.6	1321.2	46.1	41.1	<50.0	<50.0	<10.0	34.4	2.710	6.56
	4/27/2018	805	<20.0	446	206.8	1457.8	42.0	51.6	<100	<100	<20.0	34.6	2.640	7.77
	7/19/2018	122	<4.0	124	38.2	284.2	21.8	5.0	<20.0	<20.0	<4.0	6.0	0.557	8.41
	10/24/2018	14.4	<2.0	6.3	<4.0	20.7	15.9	<2.0	<10.0	<10.0	<2.0	<2.0	0.127	5.03
	1/23/2019	705	15.8	245	172	1137.8	33.7	34.0	<10.0	<10.0	<2.0	14.8	1.560	7.51
	7/24/2019	52.8	1.0	36.9	3.4	94.1	18.4	3.8	47.6	<10.0	<1.0	2.7	0.285	2.90
	4/22/2020	931	11.5	300	263.5	1506.0	23.6	96.2	<100	<100	<10.0	38.8	2.770	7.28
	7/7/2020	387	3.7	88.3	30.7	509.7	17.7	7.9	<20.0	<20.0	<2.0	13.7	0.675	3.24

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Well No.	Date	B	T	E	X	Total BTEX	MTBE	Naphthalene	Acetone	MEK	1,2-Dichloroethane	Isopropylbenzene	TPH GRO	TPH DRO
	10/8/2020	500	7.0	27.2	105	639.2	21.2	23.6	<50.0	<50.0	<5.0	11.6	1.040	3.61
	1/14/2021	869	20.9	126	267.9	1283.8	26.2	80.9	<50.0	<50.0	<5.0	33.0	2.300	4.77
	4/8/2021	751	7.1	143	125.2	1026.3	22.9	55.4	<50.0	<50.0	<5.0	36.9	2.120	3.95
	7/7/2021	191	2.1	25	11.9	230.0	11.9	10.5	<20.0	<20.0	<2.0	13.8	0.143	1.70
	10/7/2021	355	3.9	13.3	18.3	390.5	18.3	19.3	41.1	<20.0	<2.0	15.3	0.672	2.34
	1/13/2022	693	<5.0	49.1	30.7	772.8	15.1	22.4	<50.0	<50.0	<5.0	42.8	2.280	4.54
	4/6/2022	734	11.9	126	315	1186.9	19.5	71.3	<50.0	<50.0	<5.0	53.5	2.570	2.17
	7/12/2022	248	4.4	3.4	19.4	275.2	14.2	6.0	<20.0	<20.0	<2.0	28.8	0.839	2.20
MW-22	8/9/2011	46.1	85.6	4.3	170.8	306.8	6.1	2.6	BQL	BQL	BQL	BQL	0.5	0.3
	10/28/2011	3,400	3300.0	330.0	1200.0	8230.0	BQL	240.0	BQL	BQL	BQL	47.0	11.0	3.4
	1/10/2012	1,000	200.0	43.0	198.0	1441.0	BQL	37.0	BQL	BQL	BQL	10.0	0.9	BQL
	4/11/2012	2,800	1600.0	2600.0	9600.0	16600.0	BQL	77.0	BQL	BQL	BQL	36.0	1.3	0.8
	7/6/2012	1,040	128.0	54.4	150.3	1372.7	32.5	39.5	BQL	BQL	BQL	BQL	2.57	0.64
	10/5/2012	751	51.7	17.1	53.0	872.8	23.2	BQL	BQL	BQL	BQL	BQL	1.36	0.32
	1/21/2013	864	39.0	BQL	23.0	926.0	25.8	BQL	BQL	BQL	BQL	BQL	1.600	0.45
	4/17/2013	642	18.2	BQL	BQL	660.2	27.5	13.9	BQL	BQL	BQL	BQL	0.986	0.33
	7/19/2013	136	BQL	BQL	BQL	136.0	12.4	BQL	BQL	BQL	BQL	BQL	0.194	0.35
	10/8/2013	308	15.3	5.4	BQL	328.7	12.4	4.5	BQL	BQL	BQL	4.1	0.592	0.37
	1/6/2014	52.9	BQL	BQL	BQL	52.9	14.5	BQL	BQL	BQL	BQL	BQL	BQL	0.36
	4/23/2014	24.8	BQL	BQL	BQL	24.8	13.4	BQL	BQL	BQL	BQL	BQL	BQL	0.25
	7/17/2014	47.6	BQL	BQL	BQL	47.6	19.4	BQL	BQL	BQL	BQL	BQL	BQL	0.25
	10/8/2014	27.8	BQL	BQL	BQL	27.8	11.3	BQL	BQL	BQL	BQL	BQL	BQL	0.20
	1/9/2015	4.9	BQL	BQL	BQL	4.9	9.4	BQL	BQL	BQL	BQL	BQL	BQL	0.25
	4/15/2015	4.0	BQL	BQL	BQL	4.0	8.1	BQL	BQL	BQL	BQL	BQL	BQL	0.23
	7/8/2015	17.5	BQL	BQL	BQL	17.5	18.8	BQL	BQL	BQL	BQL	BQL	BQL	0.26
	10/21/2015	13.7	BQL	BQL	BQL	16.7	24.3	BQL	BQL	BQL	BQL	BQL	BQL	0.25
	1/14/2016	25.6	BQL	2.1	BQL	27.7	25.5	BQL	BQL	BQL	BQL	2.6	0.118	0.21
	4/8/2016	940	40.7	363.0	215.9	1559.6	46.6	38.3	BQL	BQL	BQL	31.0	4.4	4.26
	8/25/2016	21.7	BQL	BQL	2.1	23.8	21.2	BQL	BQL	BQL	BQL	2.6	0.202	0.43
	11/16/2016	17.7	BQL	BQL	BQL	17.7	19.4	BQL	BQL	BQL	BQL	BQL	0.103	0.58
	1/24/2017	BQL	BQL	BQL	BQL	0.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.29
	4/27/2017	BQL	BQL	BQL	BQL	4.0	3.9	BQL	BQL	BQL	BQL	3.9	BQL	0.35
	7/13/2017	4.2	BQL	BQL	BQL	7.2	6.1	BQL	BQL	BQL	BQL	BQL	BQL	0.70
	10/25/2017	7.4	BQL	BQL	BQL	10.4	4.6	BQL	BQL	BQL	BQL	BQL	BQL	0.75
	2/13/2018	<2.0	<2.0	<2.0	<4.0	<10.0	<2.0	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	0.23
	4/27/2018	2.3	<2.0	<2.0	<4.0	2.3	3.5	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	0.63
	7/19/2018	2.2	<2.0	<2.0	<4.0	2.2	3.4	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	0.62
	1/22/2019	8.0	<2.0	4.5	<2.0	12.5	7.2	4.8	<10.0	<10.0	<2.0	<2.0	0.222	1.77
	7/24/2019	3.4	<1.0	<1.0	<1.0	3.4	1.4	<1.0	<10.0	<10.0	<1.0	<1.0	0.133	0.51
MW-22 abandoned on December 11, 2019														
MW-23	11/29/2012	BQL	BQL	BQL	BQL	0.0	10.5	BQL	BQL	BQL	BQL	BQL	BQL	0.28
	1/21/2013	66.3	BQL	BQL	15.3	81.6	8.8	BQL	BQL	BQL	BQL	BQL	0.125	0.45
	4/17/2013	290	5.7	BQL	54.5	350.2	11.8	BQL	BQL	BQL	BQL	BQL	0.484	0.30
	4/30/2013*	110	3.6	BQL	41.8	155.4	12.6	BQL	BQL	BQL	4.2	2.2	0.235	0.34
	7/19/2013	566	17.7	BQL	104.0	687.7	26.6	BQL	BQL	BQL	BQL	BQL	0.708	0.66
	10/8/2013	352	9.1	BQL	59.0	420.1	30.0	BQL	BQL	BQL	BQL	BQL	0.501	0.45
	1/6/2014	334	5.7	BQL	39.5	379.2	21.4	BQL	BQL	BQL	BQL	BQL	0.401	0.42
	4/23/2014	269	BQL	BQL	16.2	285.2	28.6	BQL	BQL	BQL	BQL	BQL	0.461	0.37
	7/17/2014	287	BQL	BQL	17.4	304.4	30.1	BQL	BQL	BQL	BQL	BQL	0.434	0.40

Table 2 - Monitoring Well Groundwater Analytical Results
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Rosedale, MD 21237

Well No.	Date	B	T	E	X	Total BTEX	MTBE	Naphthalene	Acetone	MEK	1,2-Dichloroethane	Isopropylbenzene	TPH GRO	TPH DRO
	10/8/2014	219	BQL	BQL	9.3	228.3	47.5	BQL	BQL	BQL	BQL	BQL	0.279	0.36
	1/9/2015	178	BQL	BQL	4.3	182.3	45.2	BQL	BQL	BQL	BQL	BQL	0.368	0.41
	4/15/2015	207	BQL	BQL	2.3	209.3	41.3	BQL	BQL	BQL	BQL	BQL	0.232	0.36
	7/8/2015	167	BQL	BQL	BQL	167.0	43.3	BQL	BQL	BQL	BQL	BQL	0.193	0.44
	10/21/2015	124	BQL	BQL	BQL	127.0	53.5	BQL	BQL	BQL	BQL	BQL	0.212	0.45
	1/14/2016	166	BQL	BQL	BQL	166.0	39.7	BQL	BQL	BQL	BQL	3.4	0.274	0.25
	4/8/2016	139	BQL	BQL	BQL	139.0	42.4	BQL	BQL	BQL	BQL	4.1	0.316	0.26
	8/25/2016	73	BQL	BQL	BQL	73.0	52.1	BQL	BQL	BQL	BQL	2.6	0.316	0.26
	11/16/2016	65	BQL	BQL	5.6	70.6	46.2	2.2	BQL	BQL	BQL	5.0	0.209	0.97
	1/24/2017	35.8	BQL	BQL	BQL	35.8	30.7	BQL	BQL	BQL	BQL	4.1	0.158	1.02
	4/27/2017	28.2	BQL	BQL	BQL	28.2	18.1	BQL	BQL	BQL	BQL	3.5	0.115	0.62
	7/13/2017	40.9	BQL	BQL	BQL	43.9	20.6	BQL	BQL	BQL	BQL	5.3	0.154	0.70
	10/25/2017	34.2	BQL	BQL	BQL	37.2	17.0	BQL	BQL	BQL	BQL	3.9	0.121	0.56
	2/13/2018	23.2	<2.0	<2.0	<4.0	26.2	11.0	<2.0	<10.0	<10.0	<2.0	2.4	0.147	0.46
	4/27/2018	23.1	<2.0	<2.0	<4.0	23.1	8.8	<2.0	<10.0	<10.0	<2.0	<2.0	0.114	0.57
	7/19/2018	22.4	<2.0	<2.0	<4.0	22.4	9.8	<2.0	<10.0	<10.0	<2.0	2.7	<0.100	0.78
	10/24/2018	16.5	<2.0	<2.0	<4.0	16.5	9.2	<2.0	<10.0	<10.0	<2.0	2.9	0.117	0.95
	1/22/2019	15.3	<2.0	<2.0	<4.0	15.3	7.8	<2.0	<10.0	<10.0	<2.0	4.5	0.211	0.87
	7/24/2019	19.4	<1.0	<1.0	1.3	20.7	6.7	<1.0	<10.0	<10.0	<1.0	3.4	0.121	0.79
	4/22/2020	10.3	<1.0	2.4	1.1	13.8	3.5	<2.0	<10.0	<10.0	<1.0	2.7	<0.100	0.84
	7/7/2020	9.6	<1.0	<1.0	<2.0	9.6	4.2	<2.0	<10.0	<10.0	<1.0	2.2	<0.100	0.69
	10/8/2020	9.0	<1.0	<1.0	<2.0	9.0	4.2	<2.0	<10.0	<10.0	<1.0	1.0	<0.100	0.72
	1/14/2021	11.0	<1.0	1.2	<2.0	12.2	4.2	3.1	<10.0	<10.0	<1.0	2.0	0.165	0.86
	4/8/2021	11.0	<1.0	<1.0	<2.0	11.0	4.9	<2.0	<10.0	<10.0	<1.0	2.1	0.175	1.10
	7/7/2021	9.3	<1.0	<1.0	<2.0	9.3	4.5	<2.0	12.9	<10.0	<1.0	1.6	0.176	1.01
	10/7/2021	11.0	<1.0	<1.0	<2.0	11.0	4.9	<2.0	<10.0	<10.0	<1.0	1.7	<0.100	1.02
	1/13/2022	7.3	<1.0	<1.0	<2.0	7.3	4.5	<2.0	<10.0	<10.0	<1.0	1.7	<0.100	1.04
	4/6/2022	7.2	<1.0	<1.0	<2.0	7.2	3.3	<2.0	<10.0	<10.0	<1.0	1.7	0.232	0.79
	7/12/2022	5.5	<1.0	<1.0	<2.0	5.5	3.1	5.2	<10.0	<10.0	<1.0	1.3	<0.100	0.78
MW-24	11/29/2012	333	15.9	20.4	31.2	400.5	122.0	BQL	BQL	BQL	BQL	BQL	0.303	0.36
	1/21/2013	316.0	BQL	BQL	4.6	320.6	122.0	BQL	BQL	BQL	BQL	BQL	0.755	0.39
	4/17/2013	79.1	BQL	BQL	BQL	79.1	72.8	BQL	BQL	BQL	BQL	BQL	0.174	BQL
	4/30/2013*	25.0	BQL	BQL	BQL	25.0	63.1	BQL	BQL	BQL	BQL	BQL	0.107	BQL
	7/19/2013	12.6	BQL	BQL	BQL	12.6	64.6	BQL	BQL	BQL	BQL	BQL	0.129	0.23
	10/8/2013	43.1	BQL	BQL	BQL	43.1	109.0	BQL	BQL	BQL	BQL	BQL	0.129	0.23
	1/6/2014	24.9	BQL	BQL	BQL	24.9	29.8	BQL	BQL	BQL	BQL	BQL	BQL	0.20
	4/23/2014	10.5	BQL	BQL	BQL	10.5	48.3	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	7/17/2014	2.4	BQL	BQL	BQL	2.4	47.5	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	10/8/2014	2.8	BQL	BQL	BQL	2.8	64.8	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	1/9/2015	2.1	BQL	BQL	BQL	2.1	16.6	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	4/15/2015	2.3	BQL	BQL	BQL	2.3	13.7	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	7/8/2015	BQL	BQL	BQL	BQL	4.0	11.1	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	10/21/2015	2.1	BQL	BQL	BQL	5.1	30.3	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	1/14/2016	BQL	BQL	BQL	BQL	4.0	15.1	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	4/8/2016	6.2	BQL	BQL	BQL	6.2	46.3	BQL	BQL	BQL	BQL	BQL	0.143	BQL
	8/25/2016	12.3	BQL	BQL	BQL	12.3	16.2	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	11/16/2016	52.3	BQL	BQL	BQL	52.3	46.2	BQL	BQL	BQL	BQL	2.2	0.129	BQL
	1/24/2017	BQL	BQL	BQL	BQL	0.0	14.3	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	4/27/2017	38.6	BQL	3.7	BQL	42.3	33.5	3.1	BQL	BQL	BQL	5.1	0.118	0.380

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Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Rosedale, MD 21237

Well No.	Date	B	T	E	X	Total BTEX	MTBE	Naphthalene	Acetone	MEK	1,2-Dichloroethane	Isopropylbenzene	TPH GRO	TPH DRO
	10/21/2015	BQL	BQL	BQL	BQL	4.0	14.4	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	1/14/2016	BQL	BQL	BQL	BQL	4.0	11.5	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	4/8/2016	BQL	BQL	BQL	BQL	4.0	8.7	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	8/25/2016	BQL	BQL	BQL	BQL	4.0	2.7	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	11/16/2016	BQL	BQL	BQL	BQL	4.0	5.4	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	1/24/2017	BQL	BQL	BQL	BQL	4.0	9.1	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	4/27/2017	BQL	BQL	BQL	BQL	4.0	10.6	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	7/13/2017	BQL	BQL	BQL	BQL	4.0	6.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	10/25/2017	BQL	BQL	BQL	BQL	4.0	12.2	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	2/13/2018	<2.0	<2.0	<2.0	<4.0	<10.0	15.8	<4.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.19
	4/27/2018	<2.0	<2.0	<2.0	<4.0	<10.0	4.3	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.22
	7/19/2018	<2.0	<2.0	<2.0	<4.0	<10.0	12.9	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.22
	10/24/2018	<2.0	<2.0	<2.0	<4.0	<10.0	21.3	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.22
	1/22/2019	<2.0	<2.0	<2.0	<4.0	<10.0	8.9	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.19
	7/24/2019	<1.0	<1.0	<1.0	<2.0	<5.0	4.8	<1.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.18
	4/22/2020	<1.0	<1.0	<1.0	<2.0	<5.0	3.6	<1.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.20
	7/7/2020	<1.0	<1.0	<1.0	<2.0	<5.0	1.7	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.19
	10/8/2020	<1.0	<1.0	<1.0	<2.0	<5.0	17.6	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.23
	1/14/2021	<1.0	<1.0	<1.0	<2.0	<5.0	11.7	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.19
	4/8/2021	<1.0	<1.0	<1.0	<2.0	<5.0	9.5	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.21
	7/7/2021	<1.0	<1.0	<1.0	<2.0	<5.0	25.2	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.18
	10/7/2021	<1.0	<1.0	<1.0	<2.0	<5.0	17.5	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.19
	1/13/2022	<1.0	<1.0	<1.0	<2.0	<5.0	8.3	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.19
	4/6/2022	<1.0	<1.0	<1.0	<2.0	<5.0	2.2	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.19
	7/12/2022	<1.0	<1.0	<1.0	<2.0	<5.0	3.8	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.19
MW-27	10/20/2013	BQL	BQL	BQL	BQL	4.0	769.0	BQL	BQL	BQL	BQL	BQL	0.732	0.23
	1/6/2014	11.3	BQL	BQL	BQL	11.3	425.0	BQL	BQL	BQL	BQL	BQL	0.395	0.33
	4/23/2014	34.0	BQL	BQL	BQL	34.0	497.0	BQL	BQL	BQL	BQL	BQL	0.474	BQL
	7/17/2014	41.6	BQL	BQL	BQL	41.6	355.0	BQL	BQL	BQL	BQL	BQL	0.440	BQL
	10/9/2014	138	BQL	BQL	BQL	138.0	512.0	BQL	BQL	BQL	BQL	BQL	0.511	0.30
	1/8/2015	107	BQL	BQL	BQL	107.0	277.0	BQL	BQL	BQL	BQL	BQL	0.319	BQL
	4/15/2015	162	BQL	BQL	BQL	162.0	343.0	BQL	BQL	BQL	BQL	BQL	0.449	0.220
	8/7/2015	115	BQL	BQL	BQL	115.0	189.0	BQL	BQL	BQL	BQL	BQL	0.296	0.220
	10/21/2015	368	BQL	BQL	BQL	371.0	418.0	BQL	BQL	BQL	BQL	BQL	0.758	0.310
	1/14/2016	198	BQL	BQL	2.1	200.1	194.0	6.8	BQL	BQL	BQL	2.1	0.382	BQL
	4/8/2016	201	BQL	BQL	2.1	203.1	177.0	5.4	BQL	BQL	BQL	2.1	0.589	BQL
	8/25/2016	217	BQL	BQL	BQL	217.0	202.0	7.9	BQL	BQL	BQL	BQL	0.598	0.230
	11/16/2016	353	BQL	BQL	BQL	353.0	280.0	10.1	BQL	BQL	BQL	BQL	0.626	0.270
	1/24/2017	243	BQL	BQL	BQL	243.0	200.0	6.3	BQL	BQL	BQL	BQL	0.540	0.240
	4/27/2017	265	BQL	BQL	BQL	265.0	210.0	6.0	BQL	BQL	BQL	BQL	0.466	0.230
	7/13/2017	282	BQL	BQL	BQL	285.0	239	BQL	BQL	BQL	BQL	BQL	0.475	0.27
	10/25/2017	238	BQL	BQL	BQL	241.0	203	5.4	BQL	BQL	BQL	BQL	0.479	BQL
	2/13/2018	168	<4.0	<4.0	<8.0	171	170	<4.0	<20.0	<4.0	<4.0	<4.0	0.389	<0.19
	4/27/2018	118	<2.0	<2.0	<4.0	118	140	<2.0	<10.0	<10.0	<2.0	<2.0	0.288	<0.22
	7/19/2018	234	<4.0	<4.0	<8.0	234	172	<4.0	<20.0	<20.0	<4.0	<4.0	0.461	0.24
	10/24/2018	203	<2.0	<2.0	<4.0	203	176	3.1	<10.0	<10.0	<2.0	<2.0	0.413	0.28
	1/22/2019	61.5	<2.0	<2.0	<4.0	61.5	67.8	<2.0	<10.0	<10.0	<2.0	<2.0	0.159	<0.19
	7/24/2019	129.0	<1.0	<1.0	<2.0	129.0	151	1.4	<10.0	<10.0	<1.0	<1.0	0.296	<0.19
	4/22/2020	69.7	<1.0	<1.0	<2.0	69.7	91.3	<2.0	<10.0	<10.0	<1.0	<1.0	0.197	<0.21

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Well No.	Date	B	T	E	X	Total BTEX	MTBE	Naphthalene	Acetone	MEK	1,2-Dichloroethane	Isopropylbenzene	TPH GRO	TPH DRO
	7/7/2020	136	<1.0	<1.0	<2.0	136	175	<2.0	<10.0	<10.0	<2.0	<1.0	0.238	<0.20
	10/8/2020	154	<1.0	<1.0	<2.0	154	192	<2.0	<10.0	<10.0	<1.0	<1.0	0.285	<0.21
	1/14/2021	127	<1.0	<1.0	<2.0	127	132	<2.0	<10.0	<10.0	<1.0	<1.0	0.279	<0.20
	4/8/2021	72.2	<1.0	<1.0	<2.0	72.2	100	<2.0	<10.0	<10.0	<1.0	<1.0	0.168	<0.19
	7/7/2021	97.0	<1.0	<1.0	<2.0	97.0	127	<2.0	<10.0	<10.0	<1.0	<1.0	0.248	<0.19
	10/7/2021	78.6	<1.0	<1.0	<2.0	78.6	129	<2.0	<10.0	<10.0	<1.0	<1.0	0.215	<0.20
	1/13/2022	91.4	<1.0	<1.0	<2.0	91.4	152	<2.0	<10.0	<10.0	<1.0	<1.0	0.242	<0.21
	4/6/2022	64.8	<1.0	<1.0	<2.0	64.8	108	<2.0	<10.0	<10.0	<1.0	<1.0	0.190	<0.19
	7/12/2022	50.1	<1.0	<1.0	<2.0	50.1	85.3	<2.0	<10.0	<10.0	<1.0	<1.0	0.163	<0.19
MW-28	10/20/2013	BQL	BQL	BQL	BQL	0.0	150.0	BQL	BQL	BQL	BQL	BQL	0.153	0.26
	1/6/2014	10.2	BQL	BQL	BQL	10.2	23.1	BQL	BQL	29.4	BQL	BQL	BQL	0.33
	4/23/2014	52.7	BQL	BQL	4.3	57.0	83.4	BQL	BQL	BQL	BQL	BQL	0.141	0.20
	7/17/2014	182.0	BQL	BQL	BQL	182.0	97.0	3.9	BQL	BQL	BQL	BQL	0.283	0.23
	10/9/2014	279.0	BQL	BQL	24.9	303.9	159.0	8.7	BQL	BQL	BQL	BQL	0.283	0.23
	1/8/2015	244	BQL	BQL	12.9	256.9	111.0	5.5	BQL	BQL	BQL	BQL	0.338	0.30
	4/15/2015	86.8	BQL	BQL	7.2	94.0	65.6	2.4	BQL	BQL	BQL	BQL	0.283	0.26
	7/8/2015	92.1	BQL	BQL	7.6	99.7	83.8	BQL	BQL	BQL	BQL	BQL	0.18	0.22
	10/21/2015	278	BQL	BQL	9.9	289.9	128.0	BQL	BQL	BQL	BQL	BQL	0.489	0.31
	1/14/2016	104	BQL	BQL	2.9	106.9	57.1	BQL	BQL	BQL	BQL	BQL	0.183	BQL
	4/8/2016	82.5	BQL	BQL	2.0	84.5	42.5	BQL	BQL	BQL	BQL	BQL	0.167	BQL
	8/25/2016	80.1	BQL	BQL	BQL	80.1	53.7	BQL	BQL	BQL	BQL	BQL	0.218	BQL
	11/16/2016	162	BQL	BQL	BQL	162.0	103.0	2.7	BQL	BQL	BQL	BQL	0.344	0.250
	1/24/2017	32.9	BQL	BQL	BQL	32.9	67.6	BQL	BQL	BQL	BQL	BQL	0.126	BQL
	4/27/2017	49.6	BQL	BQL	BQL	49.6	66.5	BQL	BQL	BQL	BQL	BQL	0.124	BQL
	7/13/2017	152	BQL	BQL	BQL	152.0	122	2.8	BQL	BQL	BQL	BQL	0.258	BQL
	10/25/2017	85.1	BQL	BQL	BQL	85.1	93.9	BQL	BQL	BQL	BQL	BQL	0.167	BQL
	2/13/2018	30.4	<2.0	<2.0	<4.0	30.4	93.2	2.3	<10.0	<10.0	<2.0	<2.0	0.155	<0.19
	4/27/2018	3.7	<2.0	<2.0	<4.0	3.7	35.0	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.20
	7/19/2018	16.0	<2.0	<2.0	<4.0	16.0	48.4	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.22
	10/24/2018	14.4	<2.0	<2.0	<4.0	14.4	42.4	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.22
	1/22/2019	7.5	<2.0	<2.0	<4.0	7.5	40.0	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.19
	7/24/2019	99.7	<1.0	<1.0	<2.0	99.7	114.0	1.8	<10.0	<10.0	<1.0	<1.0	0.217	<0.19
	4/22/2020	19.8	<1.0	<1.0	<2.0	19.8	41.6	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.20
	7/7/2020	101	<1.0	<1.0	3.3	104.3	109	<2.0	<10.0	<10.0	<1.0	<1.0	0.167	<0.20
	10/8/2020	187	<1.0	<1.0	2.0	189.0	158	2.1	<10.0	<10.0	<1.0	<1.0	0.302	<0.26
	1/14/2021	14.4	<1.0	<1.0	<2.0	14.4	36.9	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	0.23
	4/8/2021	4.3	<1.0	<1.0	<2.0	4.3	25.1	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.22
	7/7/2021	10.4	<1.0	<1.0	<2.0	10.4	29.1	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	0.19
	10/7/2021	72.1	<1.0	<1.0	<2.0	72.1	78.1	<2.0	<10.0	<10.0	<1.0	<1.0	0.137	<0.20
	1/13/2022	36.2	<1.0	<1.0	<2.0	36.2	80.6	<2.0	<10.0	<10.0	<1.0	<1.0	0.120	0.23
	4/6/2022	60.9	<1.0	<1.0	1.2	62.1	76.2	<2.0	<10.0	<10.0	<1.0	<1.0	0.165	0.22
	7/12/2022	4.4	<1.0	<1.0	<2.0	4.4	19.2	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.19
MW-29	10/20/2013	2.5	BQL	BQL	BQL	2.5	200.0	BQL	BQL	BQL	BQL	BQL	0.194	BQL
	1/6/2014	76.5	BQL	BQL	BQL	76.5	185.0	BQL	BQL	BQL	BQL	BQL	0.240	0.21
	4/23/2014	39.8	BQL	BQL	BQL	39.8	43.4	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	7/17/2014	6.8	BQL	BQL	BQL	6.8	45.3	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	10/9/2014	8.4	BQL	BQL	BQL	8.4	485.0	BQL	BQL	BQL	BQL	BQL	0.390	BQL
	1/8/2015	7.7	BQL	BQL	BQL	7.7	323.0	BQL	BQL	BQL	BQL	BQL	0.221	BQL
	4/15/2015	5.6	BQL	BQL	BQL	5.6	216.0	BQL	BQL	BQL	BQL	BQL	0.165	BQL

Table 2 - Monitoring Well Groundwater Analytical Results
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Rosedale, MD 21237

Well No.	Date	B	T	E	X	Total BTEX	MTBE	Naphthalene	Acetone	MEK	1,2-Dichloroethane	Isopropylbenzene	TPH GRO	TPH DRO
	7/8/2015	BQL	BQL	BQL	BQL	4.0	416.0	BQL	BQL	BQL	BQL	BQL	0.415	BQL
	10/21/2015	BQL	BQL	BQL	BQL	4.0	1000.0	BQL	BQL	BQL	BQL	BQL	0.659	BQL
	1/14/2016	BQL	BQL	BQL	BQL	4.0	361	BQL	BQL	BQL	BQL	BQL	0.378	BQL
	4/8/2016	2.8	BQL	BQL	BQL	2.8	194	BQL	BQL	BQL	BQL	BQL	0.256	BQL
	8/25/2016	BQL	BQL	BQL	BQL	4.0	137	BQL	BQL	BQL	BQL	BQL	0.179	BQL
	11/16/2016	2.0	BQL	BQL	BQL	4.0	418	BQL	BQL	BQL	BQL	BQL	0.455	BQL
	1/24/2017	BQL	BQL	BQL	BQL	4.0	110	BQL	BQL	BQL	BQL	BQL	0.131	BQL
	4/17/2017	BQL	BQL	BQL	BQL	4.0	167	BQL	BQL	BQL	BQL	BQL	0.180	BQL
	7/13/2017	BQL	BQL	BQL	BQL	4.0	365	BQL	BQL	BQL	BQL	BQL	0.364	BQL
	10/25/2017	BQL	BQL	BQL	BQL	4.0	361	BQL	BQL	BQL	BQL	BQL	0.356	BQL
	2/13/2018	<2.0	<2.0	<2.0	<4.0	<10.0	28.7	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<.19
	4/27/2018	<2.0	<2.0	<2.0	<4.0	<10.0	<2.0	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.21
	7/19/2018	<4.0	<4.0	<4.0	<8.0	<20.0	238	<4.0	<20.0	<20.0	<4.0	<4.0	0.270	0.23
	10/24/2018	<2.0	<2.0	<2.0	<4.0	<10.0	31.1	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.21
	1/22/2019	<2.0	<2.0	<2.0	<4.0	<10.0	40.2	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.20
	7/24/2019	<1.0	<1.0	<1.0	<2.0	<5.0	58.2	<1.0	13.8	<10.0	<1.0	<1.0	<0.100	<0.19
	4/22/2020	3.6	<1.0	<1.0	<2.0	3.6	11.8	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.20
	7/7/2020	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.20
	10/8/2020	<3.0	<3.0	<3.0	<6.0	<15.0	350	<6.0	<30.0	<30.0	<3.0	<3.0	0.326	<0.25
	1/14/2021	<1.0	<1.0	<1.0	<2.0	<5.0	34.0	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.19
	4/8/2021	<1.0	<1.0	<1.0	<2.0	<5.0	81.6	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.20
	7/7/2021	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.18
	10/7/2021	<1.0	<1.0	<1.0	<2.0	<5.0	18.9	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.19
	1/13/2022	<1.0	<1.0	<1.0	<2.0	<5.0	10.3	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.19
	4/6/2022	<1.0	<1.0	<1.0	<2.0	<5.0	2.2	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.18
	7/12/2022	<1.0	<1.0	<1.0	<2.0	<5.0	3.0	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.19
MW-30	10/20/2013	11.6	BQL	BQL	BQL	11.6	64.0	44.5	BQL	BQL	BQL	BQL	1.80	0.63
	1/6/2014	150	2.5	BQL	8.2	160.7	38.2	5.1	BQL	BQL	BQL	BQL	0.202	0.03
	4/23/2014	24.3	BQL	BQL	BQL	24.3	12.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	7/17/2014	BQL	BQL	BQL	BQL	0.0	2.9	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	10/8/2014	118	BQL	BQL	6.3	124.3	12.6	2.8	BQL	BQL	BQL	BQL	0.128	BQL
	1/9/2015	BQL	BQL	BQL	BQL	0.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	4/15/2015	BQL	BQL	BQL	BQL	0.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	7/8/2015	BQL	BQL	BQL	BQL	0.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	10/21/2015	BQL	BQL	BQL	BQL	0.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	1/14/2016	BQL	BQL	BQL	BQL	0.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	4/8/2016	BQL	BQL	BQL	BQL	0.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	8/25/2016	BQL	BQL	BQL	BQL	0.0	3.7	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	11/16/2016	BQL	BQL	BQL	BQL	0.0	3.6	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	1/24/2017	BQL	BQL	BQL	BQL	0.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	4/27/2017	BQL	BQL	BQL	BQL	4.0	3.3	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	7/13/2017	BQL	BQL	BQL	BQL	4.0	4.2	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	10/25/2017	BQL	BQL	BQL	BQL	4.0	5.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	2/13/2018	<2.0	<2.0	<2.0	<4.0	<10.0	3.5	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.19
	4/27/2018	<2.0	<2.0	<2.0	<4.0	<10.0	2.7	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.20
	7/19/2018	<2.0	<2.0	<2.0	<4.0	<10.0	6.2	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.20
	10/24/2018	<2.0	<2.0	<2.0	<4.0	<10.0	3.9	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.22
	1/22/2019	<2.0	<2.0	<2.0	<4.0	<10.0	2.8	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.20
	7/24/2019	<1.0	<1.0	<1.0	<2.0	<5.0	4.0	<1.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.19

**Table 2 - Monitoring Well Groundwater Analytical Results
Gasoline Fueling Station – Royal Farms #64
7950 Pulaski Highway, Rosedale, MD 21237**

Well No.	Date	B	T	E	X	Total BTEX	MTBE	Naphthalene	Acetone	MEK	1,2-Dichloroethane	Isopropylbenzene	TPH GRO	TPH DRO
	8/25/2016	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	11/16/2016	BQL	BQL	BQL	BQL	4.0	2.9	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	1/24/2017	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	4/27/2017	BQL	BQL	BQL	BQL	4.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	7/13/2017	BQL	BQL	BQL	BQL	BQL	2.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	10/25/2017	BQL	BQL	BQL	BQL	4.0	3.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	2/13/2018	<2.0	<2.0	<2.0	<4.0	<10.0	<2.0	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.19
	4/27/2018	<2.0	<2.0	<2.0	<4.0	<10.0	<2.0	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.21
	7/19/2018	<2.0	<2.0	<2.0	<4.0	<10.0	<2.0	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.23
	10/24/2018	<2.0	<2.0	<2.0	<4.0	<10.0	<2.0	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.22
	1/22/2019	<2.0	<2.0	<2.0	<4.0	<10.0	<2.0	<2.0	<10.0	<10.0	<2.0	<2.0	<0.100	<0.19
	7/24/2019	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<1.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.20
	7/7/2020	<1.0	<1.0	<1.0	<2.0	<5.0	1.6	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.18
	10/8/2020	<1.0	<1.0	<1.0	<2.0	<5.0	1.2	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.21
	1/14/2021	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.20
	4/8/2021	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.20
	7/7/2021	<1.0	<1.0	<1.0	<2.0	<5.0	1.3	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.18
	10/7/2021	<1.0	<1.0	<1.0	<2.0	<5.0	1.8	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.20
	1/13/2022	<1.0	<1.0	<1.0	<2.0	<5.0	1.9	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.20
	4/6/2022	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.18
	7/12/2022	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0	<2.0	<10.0	<10.0	<1.0	<1.0	<0.100	<0.19
Type I and II Aquifers		5	1000	700	1000	NRS	20	0.17	1400	560	5.0	45	0.047	0.047

Results from VE/GE System Trial Shutdown Rebound Evaluation Sampling Event

TPH GRO and DRO results in parts per million or mg/l

BTEX, MTBE, and Naphthalene, Acetone, MEK, 1,2-Dichloroethane, and Isopropylbenzene results in parts per billion or ug/l

Denotes Estimated Value

BQL = VOC Result was Below Quantitation Limits (Prior to 2018)

Where LPH was encountered, effective solubility was determined using The Environmental Protection Agency's (EPA's) On-line Tools for Site Assessment Calculation website (<http://www.epa.gov/athens/learn2model/part-two/onsite/es.html>) to determine an appropriate concentration for dissolved BTEX and Naphthalene.

Naphthalene was computed with the On-line Tools for Site Assessment Calculation website using a 0.55% mass fraction of Naphthalene in gasoline, a molar mass of 128.17 g/mol, and a solubility of 31.3 mg/L

As per the MDE Directive Letter, dated May 29, 2013 groundwater quality graphs were constructed using a log scale that was consistent for all wells.

As such, the aforementioned values assigned for graphing purposes were used

B = Benzene; T = Toluene; E = Ethylbenzene; X = Xylene

MTBE = Methyl-tert-butyl-ether MEK=Methyl-ethyl ketone

TPH GRO = Total Petroleum Hydrocarbons Gasoline Range Organics

TPH DRO = Total Petroleum Hydrocarbons Diesel Range Organics

NS = Not Sampled

This table presents all applicable dissolved phase constituents included in the quantifiable clean-up standards established by the Maryland Department of the Environment (MDE)

Some compounds may have been detected but are not tabulated on this spreadsheet as they do not have a quantifiable cleanup standard established by the MDE

See laboratory analytical results reports for full results.

MDE Standards (Generic Numeric Cleanup Standards for Groundwater and Soil - Interim Final Guidance Update No. 3.0 - October 2018)

Bold Denotes Regulatory Exceedance

NRS = No Regulatory Standard

LPH - Liquid Phase Hydrocarbons. This denotes that LPH was encountered during the sampling event, and was not sampled.

* Sample collected to confirm prior analytical results

Attachment C

21 July 2022

Steve Dessel
Advantage Environmental Consultants
8610 Washington Blvd, Suite 217
Jessup, MD 20794
RE: RF-064

Enclosed are the results of analyses for samples received by the laboratory on 07/12/22 11:28.

Maryland Spectral Services, Inc. is a TNI 2009 Standard accredited laboratory and as such, all analyses performed at Maryland Spectral Services included in this report are 2009 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 2009 Standard accreditations.

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

Sincerely,



Rabecka Koons
Quality Assurance Officer

Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1		2071207-01	Nonpotable Water	07/12/22 11:00	07/12/22 11:28
MW-2R		2071207-02	Nonpotable Water	07/12/22 10:45	07/12/22 11:28
MW-5R		2071207-03	Nonpotable Water	07/12/22 10:15	07/12/22 11:28
MW-8R		2071207-04	Nonpotable Water	07/12/22 10:30	07/12/22 11:28
MW-21		2071207-05	Nonpotable Water	07/12/22 11:15	07/12/22 11:28
MW-23		2071207-06	Nonpotable Water	07/12/22 08:45	07/12/22 11:28
MW-24		2071207-07	Nonpotable Water	07/12/22 08:30	07/12/22 11:28
MW-26		2071207-08	Nonpotable Water	07/12/22 08:15	07/12/22 11:28
MW-27		2071207-09	Nonpotable Water	07/12/22 08:00	07/12/22 11:28
MW-28		2071207-10	Nonpotable Water	07/12/22 07:50	07/12/22 11:28
MW-29		2071207-11	Nonpotable Water	07/12/22 07:40	07/12/22 11:28
CMW-1		2071207-12	Nonpotable Water	07/12/22 07:30	07/12/22 11:28
CMW-2		2071207-13	Nonpotable Water	07/12/22 07:20	07/12/22 11:28



Rabecka Koons, Quality Assurance Officer

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.

All analyses performed at Maryland Spectral Services included in the report are TNI certified except as indicated at the end of the report

Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

MW-1

2071207-01 (Nonpotable Water)
Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	10.0	10.0	1	07/18/22	07/18/22 17:46	LL
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	07/18/22	07/18/22 17:46	LL
tert-Amyl methyl ether (TAME)	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
Benzene	7.2		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
Bromobenzene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
Bromochloromethane	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
Bromodichloromethane	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
Bromoform	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
Bromomethane	ND		ug/L	5.0	5.0	1	07/18/22	07/18/22 17:46	LL
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	07/18/22	07/18/22 17:46	LL
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	07/18/22	07/18/22 17:46	LL
n-Butylbenzene	10.2		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
sec-Butylbenzene	4.6		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
tert-Butylbenzene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
Carbon disulfide	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
Carbon tetrachloride	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
Chlorobenzene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
Chloroethane	ND		ug/L	5.0	5.0	1	07/18/22	07/18/22 17:46	LL
Chloroform	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
Chloromethane	ND		ug/L	5.0	5.0	1	07/18/22	07/18/22 17:46	LL
2-Chlorotoluene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
4-Chlorotoluene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
Dibromochloromethane	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
1,2-Dibromoethane (EDB)	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
Dibromomethane	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
1,2-Dichlorobenzene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
1,3-Dichlorobenzene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
1,4-Dichlorobenzene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
Dichlorodifluoromethane	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
1,1-Dichloroethane	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
1,2-Dichloroethane	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
1,1-Dichloroethene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL

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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

MW-1

2071207-01 (Nonpotable Water)

Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
cis-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
trans-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
Dichlorofluoromethane	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
1,2-Dichloropropane	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
1,3-Dichloropropane	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
2,2-Dichloropropane	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
1,1-Dichloropropene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
cis-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
trans-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
Diisopropyl ether (DIPE)	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
Ethylbenzene	36.0		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
Hexachlorobutadiene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
2-Hexanone	ND		ug/L	10.0	10.0	1	07/18/22	07/18/22 17:46	LL
Isopropylbenzene (Cumene)	8.9		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
4-Isopropyltoluene	2.7		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	07/18/22	07/18/22 17:46	LL
Methylene chloride	ND		ug/L	10.0	10.0	1	07/18/22	07/18/22 17:46	LL
Naphthalene	24.5		ug/L	2.0	2.0	1	07/18/22	07/18/22 17:46	LL
n-Propylbenzene	21.6		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
Styrene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
Tetrachloroethene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
Toluene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
1,2,3-Trichlorobenzene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
1,2,4-Trichlorobenzene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
1,1,1-Trichloroethane	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
1,1,2-Trichloroethane	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
Trichloroethene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
1,2,3-Trichloropropane	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
1,2,4-Trimethylbenzene	49.7		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL



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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

MW-1

2071207-01 (Nonpotable Water)
Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,3,5-Trimethylbenzene	5.5		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
Vinyl chloride	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
o-Xylene	1.2	J	ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
m- & p-Xylenes	8.6		ug/L	2.0	1.0	1	07/18/22	07/18/22 17:46	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	108 %	07/18/22		07/18/22 17:46		
Surrogate: Toluene-d8			75-120	107 %	07/18/22		07/18/22 17:46		
Surrogate: 4-Bromofluorobenzene			75-120	92 %	07/18/22		07/18/22 17:46		
GASOLINE RANGE ORGANICS BY EPA 8015C Prepared by GC-WATER-VOLATILES									
Gasoline-Range Organics	249		ug/L	100	100	1	07/19/22	07/19/22 15:09	RH
Surrogate: a,a,a-Trifluorotoluene [2C]			85-115	97 %	07/19/22		07/19/22 15:09		
DIESEL RANGE ORGANICS BY EPA 3510/8015C Prepared by 3510-GC(Sep Funnel)									
Diesel-Range Organics (C10-C28)	1.13		mg/L	0.18	0.18	1	07/13/22	07/15/22 16:00	EH
Surrogate: o-Terphenyl			60-120	90 %	07/13/22		07/15/22 16:00		



Rabecka Koons, Quality Assurance Officer

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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

MW-2R

2071207-02 (Nonpotable Water)

Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	30.0	30.0	3	07/19/22	07/19/22 20:44	LL
tert-Amyl alcohol (TAA)	ND		ug/L	60.0	60.0	3	07/19/22	07/19/22 20:44	LL
tert-Amyl methyl ether (TAME)	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
Benzene	34.6		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
Bromobenzene	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
Bromochloromethane	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
Bromodichloromethane	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
Bromoform	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
Bromomethane	ND		ug/L	15.0	15.0	3	07/19/22	07/19/22 20:44	LL
tert-Butanol (TBA)	ND		ug/L	45.0	45.0	3	07/19/22	07/19/22 20:44	LL
2-Butanone (MEK)	ND		ug/L	30.0	30.0	3	07/19/22	07/19/22 20:44	LL
n-Butylbenzene	8.6		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
sec-Butylbenzene	5.1	J	ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
tert-Butylbenzene	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
Carbon disulfide	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
Carbon tetrachloride	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
Chlorobenzene	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
Chloroethane	ND		ug/L	15.0	15.0	3	07/19/22	07/19/22 20:44	LL
Chloroform	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
Chloromethane	ND		ug/L	15.0	15.0	3	07/19/22	07/19/22 20:44	LL
2-Chlorotoluene	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
4-Chlorotoluene	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
Dibromochloromethane	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
1,2-Dibromoethane (EDB)	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
Dibromomethane	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
1,2-Dichlorobenzene	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
1,3-Dichlorobenzene	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
1,4-Dichlorobenzene	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
Dichlorodifluoromethane	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
1,1-Dichloroethane	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
1,2-Dichloroethane	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
1,1-Dichloroethene	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL

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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

MW-2R

2071207-02 (Nonpotable Water)

Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
cis-1,2-Dichloroethene	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
trans-1,2-Dichloroethene	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
Dichlorofluoromethane	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
1,2-Dichloropropane	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
1,3-Dichloropropane	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
2,2-Dichloropropane	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
1,1-Dichloropropene	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
cis-1,3-Dichloropropene	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
trans-1,3-Dichloropropene	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
Diisopropyl ether (DIPE)	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
Ethylbenzene	341		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
Hexachlorobutadiene	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
2-Hexanone	ND		ug/L	30.0	30.0	3	07/19/22	07/19/22 20:44	LL
Isopropylbenzene (Cumene)	38.7		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
4-Isopropyltoluene	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
4-Methyl-2-pentanone	ND		ug/L	30.0	30.0	3	07/19/22	07/19/22 20:44	LL
Methylene chloride	ND		ug/L	30.0	30.0	3	07/19/22	07/19/22 20:44	LL
Naphthalene	119		ug/L	6.0	6.0	3	07/19/22	07/19/22 20:44	LL
n-Propylbenzene	85.0		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
Styrene	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
Tetrachloroethene	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
Toluene	5.9	J	ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
1,2,3-Trichlorobenzene	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
1,2,4-Trichlorobenzene	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
1,1,1-Trichloroethane	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
1,1,2-Trichloroethane	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
Trichloroethene	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
1,2,3-Trichloropropane	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
1,2,4-Trimethylbenzene	180		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL

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Rabecka Koons, Quality Assurance Officer

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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

MW-2R

2071207-02 (Nonpotable Water)
Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,3,5-Trimethylbenzene	5.9	J	ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
Vinyl chloride	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
o-Xylene	ND		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
m- & p-Xylenes	124		ug/L	6.0	3.0	3	07/19/22	07/19/22 20:44	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	110 %	07/19/22		07/19/22 20:44		
Surrogate: Toluene-d8			75-120	104 %	07/19/22		07/19/22 20:44		
Surrogate: 4-Bromofluorobenzene			75-120	92 %	07/19/22		07/19/22 20:44		
GASOLINE RANGE ORGANICS BY EPA 8015C Prepared by GC-WATER-VOLATILES									
Gasoline-Range Organics	911		ug/L	100	100	1	07/19/22	07/19/22 15:34	RH
Surrogate: a,a,a-Trifluorotoluene [2C]			85-115	95 %	07/19/22		07/19/22 15:34		
DIESEL RANGE ORGANICS BY EPA 3510/8015C Prepared by 3510-GC(Sep Funnel)									
Diesel-Range Organics (C10-C28)	1.87		mg/L	0.19	0.19	1	07/13/22	07/15/22 16:27	EH
Surrogate: o-Terphenyl			60-120	93 %	07/13/22		07/15/22 16:27		

Rabecka Koons, Quality Assurance Officer

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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

MW-5R

2071207-03 (Nonpotable Water)
Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	10.0	10.0	1	07/18/22	07/18/22 18:11	LL
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	07/18/22	07/18/22 18:11	LL
tert-Amyl methyl ether (TAME)	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
Benzene	39.0		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
Bromobenzene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
Bromochloromethane	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
Bromodichloromethane	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
Bromoform	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
Bromomethane	ND		ug/L	5.0	5.0	1	07/18/22	07/18/22 18:11	LL
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	07/18/22	07/18/22 18:11	LL
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	07/18/22	07/18/22 18:11	LL
n-Butylbenzene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
sec-Butylbenzene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
tert-Butylbenzene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
Carbon disulfide	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
Carbon tetrachloride	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
Chlorobenzene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
Chloroethane	ND		ug/L	5.0	5.0	1	07/18/22	07/18/22 18:11	LL
Chloroform	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
Chloromethane	ND		ug/L	5.0	5.0	1	07/18/22	07/18/22 18:11	LL
2-Chlorotoluene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
4-Chlorotoluene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
Dibromochloromethane	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
1,2-Dibromoethane (EDB)	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
Dibromomethane	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
1,2-Dichlorobenzene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
1,3-Dichlorobenzene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
1,4-Dichlorobenzene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
Dichlorodifluoromethane	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
1,1-Dichloroethane	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
1,2-Dichloroethane	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
1,1-Dichloroethene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL

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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

MW-5R

2071207-03 (Nonpotable Water)

Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
cis-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
trans-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
Dichlorofluoromethane	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
1,2-Dichloropropane	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
1,3-Dichloropropane	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
2,2-Dichloropropane	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
1,1-Dichloropropene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
cis-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
trans-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
Diisopropyl ether (DIPE)	2.4		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
Ethylbenzene	1.6	J	ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
Hexachlorobutadiene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
2-Hexanone	ND		ug/L	10.0	10.0	1	07/18/22	07/18/22 18:11	LL
Isopropylbenzene (Cumene)	1.7	J	ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
4-Isopropyltoluene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
Methyl tert-butyl ether (MTBE)	1.9	J	ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	07/18/22	07/18/22 18:11	LL
Methylene chloride	ND		ug/L	10.0	10.0	1	07/18/22	07/18/22 18:11	LL
Naphthalene	2.6		ug/L	2.0	2.0	1	07/18/22	07/18/22 18:11	LL
n-Propylbenzene	1.9	J	ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
Styrene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
Tetrachloroethene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
Toluene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
1,2,3-Trichlorobenzene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
1,2,4-Trichlorobenzene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
1,1,1-Trichloroethane	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
1,1,2-Trichloroethane	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
Trichloroethene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
1,2,3-Trichloropropane	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
1,2,4-Trimethylbenzene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL

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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

MW-5R

2071207-03 (Nonpotable Water)
Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatiles Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,3,5-Trimethylbenzene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
Vinyl chloride	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
o-Xylene	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
m- & p-Xylenes	ND		ug/L	2.0	1.0	1	07/18/22	07/18/22 18:11	LL
Surrogate: 1,2-Dichloroethane-d4		70-130		117 %	07/18/22		07/18/22 18:11		
Surrogate: Toluene-d8		75-120		106 %	07/18/22		07/18/22 18:11		
Surrogate: 4-Bromofluorobenzene		75-120		89 %	07/18/22		07/18/22 18:11		
GASOLINE RANGE ORGANICS BY EPA 8015C Prepared by GC-WATER-VOLATILES									
Gasoline-Range Organics	ND		ug/L	100	100	1	07/19/22	07/19/22 16:00	RH
Surrogate: a,a,a-Trifluorotoluene [2C]		85-115		98 %	07/19/22		07/19/22 16:00		
DIESEL RANGE ORGANICS BY EPA 3510/8015C Prepared by 3510-GC(Sep Funnel)									
Diesel-Range Organics (C10-C28)	0.20		mg/L	0.18	0.18	1	07/13/22	07/15/22 16:53	EH
Surrogate: o-Terphenyl		60-120		87 %	07/13/22		07/15/22 16:53		



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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

MW-8R

2071207-04 (Nonpotable Water)

Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	10.0	10.0	1	07/19/22	07/19/22 15:47	LL
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	07/19/22	07/19/22 15:47	LL
tert-Amyl methyl ether (TAME)	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
Benzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
Bromobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
Bromochloromethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
Bromodichloromethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
Bromoform	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
Bromomethane	ND		ug/L	5.0	5.0	1	07/19/22	07/19/22 15:47	LL
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	07/19/22	07/19/22 15:47	LL
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	07/19/22	07/19/22 15:47	LL
n-Butylbenzene	9.4		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
sec-Butylbenzene	5.0		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
tert-Butylbenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
Carbon disulfide	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
Carbon tetrachloride	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
Chlorobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
Chloroethane	ND		ug/L	5.0	5.0	1	07/19/22	07/19/22 15:47	LL
Chloroform	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
Chloromethane	ND		ug/L	5.0	5.0	1	07/19/22	07/19/22 15:47	LL
2-Chlorotoluene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
4-Chlorotoluene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
Dibromochloromethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
1,2-Dibromoethane (EDB)	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
Dibromomethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
1,2-Dichlorobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
1,3-Dichlorobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
1,4-Dichlorobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
Dichlorodifluoromethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
1,1-Dichloroethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
1,2-Dichloroethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
1,1-Dichloroethene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL

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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

MW-8R

2071207-04 (Nonpotable Water)

Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
cis-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
trans-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
Dichlorofluoromethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
1,2-Dichloropropane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
1,3-Dichloropropane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
2,2-Dichloropropane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
1,1-Dichloropropene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
cis-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
trans-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
Diisopropyl ether (DIPE)	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
Ethylbenzene	46.6		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
Hexachlorobutadiene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
2-Hexanone	ND		ug/L	10.0	10.0	1	07/19/22	07/19/22 15:47	LL
Isopropylbenzene (Cumene)	37.3		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
4-Isopropyltoluene	1.2	J	ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	07/19/22	07/19/22 15:47	LL
Methylene chloride	ND		ug/L	10.0	10.0	1	07/19/22	07/19/22 15:47	LL
Naphthalene	60.1		ug/L	2.0	2.0	1	07/19/22	07/19/22 15:47	LL
n-Propylbenzene	79.1		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
Styrene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
Tetrachloroethene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
Toluene	1.1	J	ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
1,2,3-Trichlorobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
1,2,4-Trichlorobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
1,1,1-Trichloroethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
1,1,2-Trichloroethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
Trichloroethene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
1,2,3-Trichloropropane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
1,2,4-Trimethylbenzene	11.6		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL

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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

MW-8R

2071207-04 (Nonpotable Water)
Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,3,5-Trimethylbenzene	12.7		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
Vinyl chloride	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
o-Xylene	1.0	J	ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
m- & p-Xylenes	19.4		ug/L	2.0	1.0	1	07/19/22	07/19/22 15:47	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	110 %	07/19/22		07/19/22 15:47		
Surrogate: Toluene-d8			75-120	106 %	07/19/22		07/19/22 15:47		
Surrogate: 4-Bromofluorobenzene			75-120	92 %	07/19/22		07/19/22 15:47		
GASOLINE RANGE ORGANICS BY EPA 8015C Prepared by GC-WATER-VOLATILES									
Gasoline-Range Organics	615		ug/L	100	100	1	07/19/22	07/19/22 16:26	RH
Surrogate: a,a,a-Trifluorotoluene [2C]			85-115	94 %	07/19/22		07/19/22 16:26		
DIESEL RANGE ORGANICS BY EPA 3510/8015C Prepared by 3510-GC(Sep Funnel)									
Diesel-Range Organics (C10-C28)	1.12		mg/L	0.19	0.19	1	07/13/22	07/15/22 17:19	EH
Surrogate: o-Terphenyl			60-120	91 %	07/13/22		07/15/22 17:19		



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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

MW-21

2071207-05 (Nonpotable Water)
Sample Date: 07/12/22

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	839		ug/L	100	100	1	07/19/22	07/19/22 16:52	RH
<i>Surrogate: a,a,a-Trifluorotoluene [2C]</i>		85-115		95 %	07/19/22		07/19/22 16:52		
DIESEL RANGE ORGANICS BY EPA 3510/8015C Prepared by 3510-GC(Sep Funnel)									
Diesel-Range Organics (C10-C28)	2.20		mg/L	0.19	0.19	1	07/13/22	07/15/22 17:45	EH
<i>Surrogate: o-Terphenyl</i>		60-120		100 %	07/13/22		07/15/22 17:45		



Rabecka Koons, Quality Assurance Officer

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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

MW-21

2071207-05RE1 (Nonpotable Water)
Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	20.0	20.0	2	07/20/22	07/20/22 22:33	LL
tert-Amyl alcohol (TAA)	ND		ug/L	40.0	40.0	2	07/20/22	07/20/22 22:33	LL
tert-Amyl methyl ether (TAME)	5.0		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
Benzene	248		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
Bromobenzene	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
Bromochloromethane	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
Bromodichloromethane	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
Bromoform	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
Bromomethane	ND		ug/L	10.0	10.0	2	07/20/22	07/20/22 22:33	LL
tert-Butanol (TBA)	89.2		ug/L	30.0	30.0	2	07/20/22	07/20/22 22:33	LL
2-Butanone (MEK)	ND		ug/L	20.0	20.0	2	07/20/22	07/20/22 22:33	LL
n-Butylbenzene	6.7		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
sec-Butylbenzene	4.1		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
tert-Butylbenzene	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
Carbon disulfide	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
Carbon tetrachloride	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
Chlorobenzene	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
Chloroethane	ND		ug/L	10.0	10.0	2	07/20/22	07/20/22 22:33	LL
Chloroform	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
Chloromethane	ND		ug/L	10.0	10.0	2	07/20/22	07/20/22 22:33	LL
2-Chlorotoluene	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
4-Chlorotoluene	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
Dibromochloromethane	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
1,2-Dibromoethane (EDB)	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
Dibromomethane	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
1,2-Dichlorobenzene	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
1,3-Dichlorobenzene	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
1,4-Dichlorobenzene	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
Dichlorodifluoromethane	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
1,1-Dichloroethane	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
1,2-Dichloroethane	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
1,1-Dichloroethene	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL



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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

MW-21

2071207-05RE1 (Nonpotable Water)
Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
cis-1,2-Dichloroethene	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
trans-1,2-Dichloroethene	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
Dichlorofluoromethane	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
1,2-Dichloropropane	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
1,3-Dichloropropane	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
2,2-Dichloropropane	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
1,1-Dichloropropene	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
cis-1,3-Dichloropropene	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
trans-1,3-Dichloropropene	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
Diisopropyl ether (DIPE)	19.9		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
Ethylbenzene	3.4	J	ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
Hexachlorobutadiene	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
2-Hexanone	ND		ug/L	20.0	20.0	2	07/20/22	07/20/22 22:33	LL
Isopropylbenzene (Cumene)	28.8		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
4-Isopropyltoluene	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
Methyl tert-butyl ether (MTBE)	14.2		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
4-Methyl-2-pentanone	ND		ug/L	20.0	20.0	2	07/20/22	07/20/22 22:33	LL
Methylene chloride	ND		ug/L	20.0	20.0	2	07/20/22	07/20/22 22:33	LL
Naphthalene	6.0		ug/L	4.0	4.0	2	07/20/22	07/20/22 22:33	LL
n-Propylbenzene	62.8		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
Styrene	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
Tetrachloroethene	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
Toluene	4.4		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
1,2,3-Trichlorobenzene	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
1,2,4-Trichlorobenzene	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
1,1,1-Trichloroethane	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
1,1,2-Trichloroethane	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
Trichloroethene	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
1,2,3-Trichloropropane	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
1,2,4-Trimethylbenzene	41.7		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL



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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

MW-21

2071207-05RE1 (Nonpotable Water)
Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,3,5-Trimethylbenzene	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
Vinyl chloride	ND		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
o-Xylene	3.9	J	ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
m- & p-Xylenes	15.5		ug/L	4.0	2.0	2	07/20/22	07/20/22 22:33	LL
Surrogate: 1,2-Dichloroethane-d4			70-130	110 %	07/20/22		07/20/22 22:33		
Surrogate: Toluene-d8			75-120	105 %	07/20/22		07/20/22 22:33		
Surrogate: 4-Bromofluorobenzene			75-120	90 %	07/20/22		07/20/22 22:33		



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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

MW-23

2071207-06 (Nonpotable Water)

Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	10.0	10.0	1	07/19/22	07/19/22 16:14	LL
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	07/19/22	07/19/22 16:14	LL
tert-Amyl methyl ether (TAME)	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
Benzene	5.5		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
Bromobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
Bromochloromethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
Bromodichloromethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
Bromoform	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
Bromomethane	ND		ug/L	5.0	5.0	1	07/19/22	07/19/22 16:14	LL
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	07/19/22	07/19/22 16:14	LL
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	07/19/22	07/19/22 16:14	LL
n-Butylbenzene	3.5		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
sec-Butylbenzene	4.0		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
tert-Butylbenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
Carbon disulfide	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
Carbon tetrachloride	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
Chlorobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
Chloroethane	ND		ug/L	5.0	5.0	1	07/19/22	07/19/22 16:14	LL
Chloroform	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
Chloromethane	ND		ug/L	5.0	5.0	1	07/19/22	07/19/22 16:14	LL
2-Chlorotoluene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
4-Chlorotoluene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
Dibromochloromethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
1,2-Dibromoethane (EDB)	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
Dibromomethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
1,2-Dichlorobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
1,3-Dichlorobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
1,4-Dichlorobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
Dichlorodifluoromethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
1,1-Dichloroethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
1,2-Dichloroethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
1,1-Dichloroethene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL

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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

MW-23

2071207-06 (Nonpotable Water)
Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
cis-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
trans-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
Dichlorofluoromethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
1,2-Dichloropropane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
1,3-Dichloropropane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
2,2-Dichloropropane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
1,1-Dichloropropene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
cis-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
trans-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
Diisopropyl ether (DIPE)	1.4	J	ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
Ethylbenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
Hexachlorobutadiene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
2-Hexanone	ND		ug/L	10.0	10.0	1	07/19/22	07/19/22 16:14	LL
Isopropylbenzene (Cumene)	1.3	J	ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
4-Isopropyltoluene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
Methyl tert-butyl ether (MTBE)	3.1		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	07/19/22	07/19/22 16:14	LL
Methylene chloride	ND		ug/L	10.0	10.0	1	07/19/22	07/19/22 16:14	LL
Naphthalene	5.2		ug/L	2.0	2.0	1	07/19/22	07/19/22 16:14	LL
n-Propylbenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
Styrene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
Tetrachloroethene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
Toluene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
1,2,3-Trichlorobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
1,2,4-Trichlorobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
1,1,1-Trichloroethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
1,1,2-Trichloroethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
Trichloroethene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
1,2,3-Trichloropropane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL

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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

MW-23

2071207-06 (Nonpotable Water)
Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatiles by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2,4-Trimethylbenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
1,3,5-Trimethylbenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
Vinyl chloride	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
o-Xylene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
m- & p-Xylenes	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:14	LL
Surrogate: 1,2-Dichloroethane-d4		70-130		115 %			07/19/22	07/19/22 16:14	
Surrogate: Toluene-d8		75-120		104 %			07/19/22	07/19/22 16:14	
Surrogate: 4-Bromofluorobenzene		75-120		91 %			07/19/22	07/19/22 16:14	
GASOLINE RANGE ORGANICS BY EPA 8015C Prepared by GC-WATER-VOLATILES									
Gasoline-Range Organics	ND		ug/L	100	100	1	07/19/22	07/19/22 17:18	RH
Surrogate: a,a,a-Trifluorotoluene [2C]		85-115		100 %			07/19/22	07/19/22 17:18	
DIESEL RANGE ORGANICS BY EPA 3510/8015C Prepared by 3510-GC(Sep Funnel)									
Diesel-Range Organics (C10-C28)	0.78		mg/L	0.19	0.19	1	07/13/22	07/15/22 18:11	EH
Surrogate: o-Terphenyl		60-120		93 %			07/13/22	07/15/22 18:11	



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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

MW-24

2071207-07 (Nonpotable Water)

Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatiles by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	10.0	10.0	1	07/19/22	07/19/22 16:39	LL
tert-Amyl alcohol (TAA)	41.5		ug/L	20.0	20.0	1	07/19/22	07/19/22 16:39	LL
tert-Amyl methyl ether (TAME)	1.2	J	ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
Benzene	1.7	J	ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
Bromobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
Bromochloromethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
Bromodichloromethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
Bromoform	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
Bromomethane	ND		ug/L	5.0	5.0	1	07/19/22	07/19/22 16:39	LL
tert-Butanol (TBA)	49.5		ug/L	15.0	15.0	1	07/19/22	07/19/22 16:39	LL
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	07/19/22	07/19/22 16:39	LL
n-Butylbenzene	4.5		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
sec-Butylbenzene	4.3		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
tert-Butylbenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
Carbon disulfide	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
Carbon tetrachloride	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
Chlorobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
Chloroethane	ND		ug/L	5.0	5.0	1	07/19/22	07/19/22 16:39	LL
Chloroform	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
Chloromethane	ND		ug/L	5.0	5.0	1	07/19/22	07/19/22 16:39	LL
2-Chlorotoluene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
4-Chlorotoluene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
Dibromochloromethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
1,2-Dibromoethane (EDB)	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
Dibromomethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
1,2-Dichlorobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
1,3-Dichlorobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
1,4-Dichlorobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
Dichlorodifluoromethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
1,1-Dichloroethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
1,2-Dichloroethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
1,1-Dichloroethene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
cis-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL

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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

MW-24

2071207-07 (Nonpotable Water)
Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
trans-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
Dichlorofluoromethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
1,2-Dichloropropane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
1,3-Dichloropropane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
2,2-Dichloropropane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
1,1-Dichloropropene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
cis-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
trans-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
Diisopropyl ether (DIPE)	9.2		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
Ethylbenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
Hexachlorobutadiene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
2-Hexanone	ND		ug/L	10.0	10.0	1	07/19/22	07/19/22 16:39	LL
Isopropylbenzene (Cumene)	1.6	J	ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
4-Isopropyltoluene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
Methyl tert-butyl ether (MTBE)	10.1		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	07/19/22	07/19/22 16:39	LL
Methylene chloride	ND		ug/L	10.0	10.0	1	07/19/22	07/19/22 16:39	LL
Naphthalene	ND		ug/L	2.0	2.0	1	07/19/22	07/19/22 16:39	LL
n-Propylbenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
Styrene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
Tetrachloroethene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
Toluene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
1,2,3-Trichlorobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
1,2,4-Trichlorobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
1,1,1-Trichloroethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
1,1,2-Trichloroethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
Trichloroethene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
1,2,3-Trichloropropane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
1,2,4-Trimethylbenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL

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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

MW-24

2071207-07 (Nonpotable Water)
Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,3,5-Trimethylbenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
Vinyl chloride	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
o-Xylene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
m- & p-Xylenes	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 16:39	LL
Surrogate: 1,2-Dichloroethane-d4		70-130		113 %	07/19/22		07/19/22 16:39		
Surrogate: Toluene-d8		75-120		104 %	07/19/22		07/19/22 16:39		
Surrogate: 4-Bromofluorobenzene		75-120		89 %	07/19/22		07/19/22 16:39		
GASOLINE RANGE ORGANICS BY EPA 8015C Prepared by GC-WATER-VOLATILES									
Gasoline-Range Organics	161		ug/L	100	100	1	07/19/22	07/19/22 17:44	RH
Surrogate: a,a,a-Trifluorotoluene [2C]		85-115		100 %	07/19/22		07/19/22 17:44		
DIESEL RANGE ORGANICS BY EPA 3510/8015C Prepared by 3510-GC(Sep Funnel)									
Diesel-Range Organics (C10-C28)	1.25		mg/L	0.19	0.19	1	07/13/22	07/15/22 18:38	EH
Surrogate: o-Terphenyl		60-120		94 %	07/13/22		07/15/22 18:38		



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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

MW-26

2071207-08 (Nonpotable Water)
Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	10.0	10.0	1	07/19/22	07/19/22 17:04	LL
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	07/19/22	07/19/22 17:04	LL
tert-Amyl methyl ether (TAME)	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
Benzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
Bromobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
Bromochloromethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
Bromodichloromethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
Bromoform	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
Bromomethane	ND		ug/L	5.0	5.0	1	07/19/22	07/19/22 17:04	LL
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	07/19/22	07/19/22 17:04	LL
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	07/19/22	07/19/22 17:04	LL
n-Butylbenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
sec-Butylbenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
tert-Butylbenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
Carbon disulfide	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
Carbon tetrachloride	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
Chlorobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
Chloroethane	ND		ug/L	5.0	5.0	1	07/19/22	07/19/22 17:04	LL
Chloroform	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
Chloromethane	ND		ug/L	5.0	5.0	1	07/19/22	07/19/22 17:04	LL
2-Chlorotoluene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
4-Chlorotoluene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
Dibromochloromethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
1,2-Dibromoethane (EDB)	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
Dibromomethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
1,2-Dichlorobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
1,3-Dichlorobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
1,4-Dichlorobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
Dichlorodifluoromethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
1,1-Dichloroethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
1,2-Dichloroethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
1,1-Dichloroethene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL



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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

MW-26

2071207-08 (Nonpotable Water)
Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
cis-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
trans-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
Dichlorofluoromethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
1,2-Dichloropropane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
1,3-Dichloropropane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
2,2-Dichloropropane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
1,1-Dichloropropene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
cis-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
trans-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
Diisopropyl ether (DIPE)	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
Ethylbenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
Hexachlorobutadiene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
2-Hexanone	ND		ug/L	10.0	10.0	1	07/19/22	07/19/22 17:04	LL
Isopropylbenzene (Cumene)	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
4-Isopropyltoluene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
Methyl tert-butyl ether (MTBE)	3.8		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	07/19/22	07/19/22 17:04	LL
Methylene chloride	ND		ug/L	10.0	10.0	1	07/19/22	07/19/22 17:04	LL
Naphthalene	ND		ug/L	2.0	2.0	1	07/19/22	07/19/22 17:04	LL
n-Propylbenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
Styrene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
1,1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
Tetrachloroethene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
Toluene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
1,2,3-Trichlorobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
1,2,4-Trichlorobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
1,1,1-Trichloroethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
1,1,2-Trichloroethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
Trichloroethene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
1,2,3-Trichloropropane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL

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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

MW-26

2071207-08 (Nonpotable Water)
Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2,4-Trimethylbenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
1,3,5-Trimethylbenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
Vinyl chloride	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
o-Xylene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
m- & p-Xylenes	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:04	LL
<i>Surrogate: 1,2-Dichloroethane-d4</i>		70-130		117 %	07/19/22		07/19/22 17:04		
<i>Surrogate: Toluene-d8</i>		75-120		104 %	07/19/22		07/19/22 17:04		
<i>Surrogate: 4-Bromofluorobenzene</i>		75-120		89 %	07/19/22		07/19/22 17:04		
GASOLINE RANGE ORGANICS BY EPA 8015C Prepared by GC-WATER-VOLATILES									
Gasoline-Range Organics	ND		ug/L	100	100	1	07/20/22	07/20/22 09:12	RH
<i>Surrogate: a,a,a-Trifluorotoluene [2C]</i>		85-115		100 %	07/20/22		07/20/22 09:12		
DIESEL RANGE ORGANICS BY EPA 3510/8015C Prepared by 3510-GC(Sep Funnel)									
Diesel-Range Organics (C10-C28)	ND		mg/L	0.19	0.19	1	07/13/22	07/15/22 19:04	EH
<i>Surrogate: o-Terphenyl</i>		60-120		88 %	07/13/22		07/15/22 19:04		



Rabecka Koons, Quality Assurance Officer

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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

MW-27

2071207-09 (Nonpotable Water)

Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	10.0	10.0	1	07/19/22	07/19/22 17:29	LL
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	07/19/22	07/19/22 17:29	LL
tert-Amyl methyl ether (TAME)	4.7		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
Benzene	50.1		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
Bromobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
Bromochloromethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
Bromodichloromethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
Bromoform	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
Bromomethane	ND		ug/L	5.0	5.0	1	07/19/22	07/19/22 17:29	LL
tert-Butanol (TBA)	87.1		ug/L	15.0	15.0	1	07/19/22	07/19/22 17:29	LL
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	07/19/22	07/19/22 17:29	LL
n-Butylbenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
sec-Butylbenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
tert-Butylbenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
Carbon disulfide	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
Carbon tetrachloride	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
Chlorobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
Chloroethane	ND		ug/L	5.0	5.0	1	07/19/22	07/19/22 17:29	LL
Chloroform	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
Chloromethane	ND		ug/L	5.0	5.0	1	07/19/22	07/19/22 17:29	LL
2-Chlorotoluene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
4-Chlorotoluene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
Dibromochloromethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
1,2-Dibromoethane (EDB)	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
Dibromomethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
1,2-Dichlorobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
1,3-Dichlorobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
1,4-Dichlorobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
Dichlorodifluoromethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
1,1-Dichloroethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
1,2-Dichloroethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
1,1-Dichloroethene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL

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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

MW-27

2071207-09 (Nonpotable Water)
Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
cis-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
trans-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
Dichlorofluoromethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
1,2-Dichloropropane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
1,3-Dichloropropane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
2,2-Dichloropropane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
1,1-Dichloropropene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
cis-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
trans-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
Diisopropyl ether (DIPE)	8.3		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
Ethylbenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
Hexachlorobutadiene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
2-Hexanone	ND		ug/L	10.0	10.0	1	07/19/22	07/19/22 17:29	LL
Isopropylbenzene (Cumene)	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
4-Isopropyltoluene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
Methyl tert-butyl ether (MTBE)	85.3		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	07/19/22	07/19/22 17:29	LL
Methylene chloride	ND		ug/L	10.0	10.0	1	07/19/22	07/19/22 17:29	LL
Naphthalene	ND		ug/L	2.0	2.0	1	07/19/22	07/19/22 17:29	LL
n-Propylbenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
Styrene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
1,1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
Tetrachloroethene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
Toluene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
1,2,3-Trichlorobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
1,2,4-Trichlorobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
1,1,1-Trichloroethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
1,1,2-Trichloroethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
Trichloroethene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
1,2,3-Trichloropropane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL

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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

MW-27

2071207-09 (Nonpotable Water)
Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2,4-Trimethylbenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
1,3,5-Trimethylbenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
Vinyl chloride	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
o-Xylene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
m- & p-Xylenes	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:29	LL
Surrogate: 1,2-Dichloroethane-d4		70-130		118 %	07/19/22		07/19/22 17:29		
Surrogate: Toluene-d8		75-120		105 %	07/19/22		07/19/22 17:29		
Surrogate: 4-Bromofluorobenzene		75-120		89 %	07/19/22		07/19/22 17:29		
GASOLINE RANGE ORGANICS BY EPA 8015C Prepared by GC-WATER-VOLATILES									
Gasoline-Range Organics	163		ug/L	100	100	1	07/20/22	07/20/22 09:38	RH
Surrogate: a,a,a-Trifluorotoluene [2C]		85-115		99 %	07/20/22		07/20/22 09:38		
DIESEL RANGE ORGANICS BY EPA 3510/8015C Prepared by 3510-GC(Sep Funnel)									
Diesel-Range Organics (C10-C28)	ND		mg/L	0.19	0.19	1	07/13/22	07/15/22 19:30	EH
Surrogate: o-Terphenyl		60-120		99 %	07/13/22		07/15/22 19:30		



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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

MW-28

2071207-10 (Nonpotable Water)
Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	10.0	10.0	1	07/19/22	07/19/22 17:53	LL
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	07/19/22	07/19/22 17:53	LL
tert-Amyl methyl ether (TAME)	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
Benzene	4.4		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
Bromobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
Bromochloromethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
Bromodichloromethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
Bromoform	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
Bromomethane	ND		ug/L	5.0	5.0	1	07/19/22	07/19/22 17:53	LL
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	07/19/22	07/19/22 17:53	LL
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	07/19/22	07/19/22 17:53	LL
n-Butylbenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
sec-Butylbenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
tert-Butylbenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
Carbon disulfide	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
Carbon tetrachloride	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
Chlorobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
Chloroethane	ND		ug/L	5.0	5.0	1	07/19/22	07/19/22 17:53	LL
Chloroform	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
Chloromethane	ND		ug/L	5.0	5.0	1	07/19/22	07/19/22 17:53	LL
2-Chlorotoluene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
4-Chlorotoluene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
Dibromochloromethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
1,2-Dibromoethane (EDB)	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
Dibromomethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
1,2-Dichlorobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
1,3-Dichlorobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
1,4-Dichlorobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
Dichlorodifluoromethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
1,1-Dichloroethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
1,2-Dichloroethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
1,1-Dichloroethene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL

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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

MW-28

2071207-10 (Nonpotable Water)
Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
cis-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
trans-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
Dichlorofluoromethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
1,2-Dichloropropane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
1,3-Dichloropropane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
2,2-Dichloropropane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
1,1-Dichloropropene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
cis-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
trans-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
Diisopropyl ether (DIPE)	1.4	J	ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
Ethylbenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
Hexachlorobutadiene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
2-Hexanone	ND		ug/L	10.0	10.0	1	07/19/22	07/19/22 17:53	LL
Isopropylbenzene (Cumene)	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
4-Isopropyltoluene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
Methyl tert-butyl ether (MTBE)	19.2		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	07/19/22	07/19/22 17:53	LL
Methylene chloride	ND		ug/L	10.0	10.0	1	07/19/22	07/19/22 17:53	LL
Naphthalene	ND		ug/L	2.0	2.0	1	07/19/22	07/19/22 17:53	LL
n-Propylbenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
Styrene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
1,1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
Tetrachloroethene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
Toluene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
1,2,3-Trichlorobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
1,2,4-Trichlorobenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
1,1,1-Trichloroethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
1,1,2-Trichloroethane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
Trichloroethene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
1,2,3-Trichloropropane	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL

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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

MW-28

2071207-10 (Nonpotable Water)
Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2,4-Trimethylbenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
1,3,5-Trimethylbenzene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
Vinyl chloride	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
o-Xylene	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
m- & p-Xylenes	ND		ug/L	2.0	1.0	1	07/19/22	07/19/22 17:53	LL
<i>Surrogate: 1,2-Dichloroethane-d4</i>		70-130		115 %			07/19/22	07/19/22 17:53	
<i>Surrogate: Toluene-d8</i>		75-120		104 %			07/19/22	07/19/22 17:53	
<i>Surrogate: 4-Bromofluorobenzene</i>		75-120		89 %			07/19/22	07/19/22 17:53	
GASOLINE RANGE ORGANICS BY EPA 8015C Prepared by GC-WATER-VOLATILES									
Gasoline-Range Organics	ND		ug/L	100	100	1	07/20/22	07/20/22 10:04	RH
<i>Surrogate: a,a,a-Trifluorotoluene [2C]</i>		85-115		101 %			07/20/22	07/20/22 10:04	
DIESEL RANGE ORGANICS BY EPA 3510/8015C Prepared by 3510-GC(Sep Funnel)									
Diesel-Range Organics (C10-C28)	ND		mg/L	0.19	0.19	1	07/13/22	07/15/22 19:57	EH
<i>Surrogate: o-Terphenyl</i>		60-120		88 %			07/13/22	07/15/22 19:57	



Rabecka Koons, Quality Assurance Officer

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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

MW-29

2071207-11 (Nonpotable Water)

Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	10.0	10.0	1	07/15/22	07/15/22 17:31	LL
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	07/15/22	07/15/22 17:31	LL
tert-Amyl methyl ether (TAME)	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
Benzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
Bromobenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
Bromochloromethane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
Bromodichloromethane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
Bromoform	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
Bromomethane	ND		ug/L	5.0	5.0	1	07/15/22	07/15/22 17:31	LL
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	07/15/22	07/15/22 17:31	LL
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	07/15/22	07/15/22 17:31	LL
n-Butylbenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
sec-Butylbenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
tert-Butylbenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
Carbon disulfide	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
Carbon tetrachloride	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
Chlorobenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
Chloroethane	ND		ug/L	5.0	5.0	1	07/15/22	07/15/22 17:31	LL
Chloroform	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
Chloromethane	ND		ug/L	5.0	5.0	1	07/15/22	07/15/22 17:31	LL
2-Chlorotoluene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
4-Chlorotoluene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
Dibromochloromethane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
1,2-Dibromoethane (EDB)	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
Dibromomethane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
1,2-Dichlorobenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
1,3-Dichlorobenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
1,4-Dichlorobenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
Dichlorodifluoromethane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
1,1-Dichloroethane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
1,2-Dichloroethane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
1,1-Dichloroethene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL



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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

MW-29

2071207-11 (Nonpotable Water)
Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
cis-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
trans-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
Dichlorofluoromethane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
1,2-Dichloropropane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
1,3-Dichloropropane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
2,2-Dichloropropane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
1,1-Dichloropropene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
cis-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
trans-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
Diisopropyl ether (DIPE)	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
Ethylbenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
Hexachlorobutadiene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
2-Hexanone	ND		ug/L	10.0	10.0	1	07/15/22	07/15/22 17:31	LL
Isopropylbenzene (Cumene)	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
4-Isopropyltoluene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
Methyl tert-butyl ether (MTBE)	3.0		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	07/15/22	07/15/22 17:31	LL
Methylene chloride	ND		ug/L	10.0	10.0	1	07/15/22	07/15/22 17:31	LL
Naphthalene	ND		ug/L	2.0	2.0	1	07/15/22	07/15/22 17:31	LL
n-Propylbenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
Styrene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
1,1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
Tetrachloroethene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
Toluene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
1,2,3-Trichlorobenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
1,2,4-Trichlorobenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
1,1,1-Trichloroethane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
1,1,2-Trichloroethane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
Trichloroethene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
1,2,3-Trichloropropane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL



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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

MW-29

2071207-11 (Nonpotable Water)

Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2,4-Trimethylbenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
1,3,5-Trimethylbenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
Vinyl chloride	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
o-Xylene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
m- & p-Xylenes	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:31	LL
<i>Surrogate: 1,2-Dichloroethane-d4</i>		70-130		115 %	07/15/22		07/15/22 17:31		
<i>Surrogate: Toluene-d8</i>		75-120		102 %	07/15/22		07/15/22 17:31		
<i>Surrogate: 4-Bromofluorobenzene</i>		75-120		89 %	07/15/22		07/15/22 17:31		
GASOLINE RANGE ORGANICS BY EPA 8015C Prepared by GC-WATER-VOLATILES									
Gasoline-Range Organics	ND		ug/L	100	100	1	07/20/22	07/20/22 10:29	RH
<i>Surrogate: a,a,a-Trifluorotoluene [2C]</i>		85-115		99 %	07/20/22		07/20/22 10:29		
DIESEL RANGE ORGANICS BY EPA 3510/8015C Prepared by 3510-GC(Sep Funnel)									
Diesel-Range Organics (C10-C28)	ND		mg/L	0.19	0.19	1	07/13/22	07/15/22 20:23	EH
<i>Surrogate: o-Terphenyl</i>		60-120		88 %	07/13/22		07/15/22 20:23		



Rabecka Koons, Quality Assurance Officer

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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

CMW-1

2071207-12 (Nonpotable Water)
Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	10.0	10.0	1	07/15/22	07/15/22 17:56	LL
tert-Amyl alcohol (TAA)	22.9		ug/L	20.0	20.0	1	07/15/22	07/15/22 17:56	LL
tert-Amyl methyl ether (TAME)	9.7		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
Benzene	124		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
Bromobenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
Bromochloromethane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
Bromodichloromethane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
Bromoform	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
Bromomethane	ND		ug/L	5.0	5.0	1	07/15/22	07/15/22 17:56	LL
tert-Butanol (TBA)	182		ug/L	15.0	15.0	1	07/15/22	07/15/22 17:56	LL
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	07/15/22	07/15/22 17:56	LL
n-Butylbenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
sec-Butylbenzene	1.1	J	ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
tert-Butylbenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
Carbon disulfide	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
Carbon tetrachloride	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
Chlorobenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
Chloroethane	ND		ug/L	5.0	5.0	1	07/15/22	07/15/22 17:56	LL
Chloroform	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
Chloromethane	ND		ug/L	5.0	5.0	1	07/15/22	07/15/22 17:56	LL
2-Chlorotoluene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
4-Chlorotoluene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
Dibromochloromethane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
1,2-Dibromoethane (EDB)	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
Dibromomethane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
1,2-Dichlorobenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
1,3-Dichlorobenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
1,4-Dichlorobenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
Dichlorodifluoromethane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
1,1-Dichloroethane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
1,2-Dichloroethane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
1,1-Dichloroethene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL



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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

CMW-1

2071207-12 (Nonpotable Water)

Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
cis-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
trans-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
Dichlorofluoromethane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
1,2-Dichloropropane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
1,3-Dichloropropane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
2,2-Dichloropropane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
1,1-Dichloropropene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
cis-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
trans-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
Diisopropyl ether (DIPE)	11.0		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
Ethylbenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
Hexachlorobutadiene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
2-Hexanone	ND		ug/L	10.0	10.0	1	07/15/22	07/15/22 17:56	LL
Isopropylbenzene (Cumene)	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
4-Isopropyltoluene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
Methyl tert-butyl ether (MTBE)	146		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	07/15/22	07/15/22 17:56	LL
Methylene chloride	ND		ug/L	10.0	10.0	1	07/15/22	07/15/22 17:56	LL
Naphthalene	ND		ug/L	2.0	2.0	1	07/15/22	07/15/22 17:56	LL
n-Propylbenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
Styrene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
1,1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
Tetrachloroethene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
Toluene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
1,2,3-Trichlorobenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
1,2,4-Trichlorobenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
1,1,1-Trichloroethane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
1,1,2-Trichloroethane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
Trichloroethene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
1,2,3-Trichloropropane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL



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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

CMW-1

2071207-12 (Nonpotable Water)

Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2,4-Trimethylbenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
1,3,5-Trimethylbenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
Vinyl chloride	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
o-Xylene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
m- & p-Xylenes	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 17:56	LL
Surrogate: 1,2-Dichloroethane-d4		70-130		114 %	07/15/22		07/15/22 17:56		
Surrogate: Toluene-d8		75-120		103 %	07/15/22		07/15/22 17:56		
Surrogate: 4-Bromofluorobenzene		75-120		91 %	07/15/22		07/15/22 17:56		
GASOLINE RANGE ORGANICS BY EPA 8015C Prepared by GC-WATER-VOLATILES									
Gasoline-Range Organics	337		ug/L	100	100	1	07/20/22	07/20/22 10:55	RH
Surrogate: a,a,a-Trifluorotoluene [2C]		85-115		100 %	07/20/22		07/20/22 10:55		
DIESEL RANGE ORGANICS BY EPA 3510/8015C Prepared by 3510-GC(Sep Funnel)									
Diesel-Range Organics (C10-C28)	0.23		mg/L	0.19	0.19	1	07/13/22	07/15/22 20:49	EH
Surrogate: o-Terphenyl		60-120		90 %	07/13/22		07/15/22 20:49		



Rabecka Koons, Quality Assurance Officer

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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

CMW-2

2071207-13 (Nonpotable Water)
Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES									
Acetone	ND		ug/L	10.0	10.0	1	07/15/22	07/15/22 18:20	LL
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	07/15/22	07/15/22 18:20	LL
tert-Amyl methyl ether (TAME)	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
Benzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
Bromobenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
Bromochloromethane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
Bromodichloromethane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
Bromoform	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
Bromomethane	ND		ug/L	5.0	5.0	1	07/15/22	07/15/22 18:20	LL
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	07/15/22	07/15/22 18:20	LL
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	07/15/22	07/15/22 18:20	LL
n-Butylbenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
sec-Butylbenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
tert-Butylbenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
Carbon disulfide	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
Carbon tetrachloride	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
Chlorobenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
Chloroethane	ND		ug/L	5.0	5.0	1	07/15/22	07/15/22 18:20	LL
Chloroform	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
Chloromethane	ND		ug/L	5.0	5.0	1	07/15/22	07/15/22 18:20	LL
2-Chlorotoluene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
4-Chlorotoluene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
Dibromochloromethane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
1,2-Dibromoethane (EDB)	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
Dibromomethane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
1,2-Dichlorobenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
1,3-Dichlorobenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
1,4-Dichlorobenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
Dichlorodifluoromethane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
1,1-Dichloroethane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
1,2-Dichloroethane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
1,1-Dichloroethene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL



Rabecka Koons, Quality Assurance Officer

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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

CMW-2

2071207-13 (Nonpotable Water)
Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
cis-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
trans-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
Dichlorofluoromethane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
1,2-Dichloropropane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
1,3-Dichloropropane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
2,2-Dichloropropane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
1,1-Dichloropropene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
cis-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
trans-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
Diisopropyl ether (DIPE)	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
Ethylbenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
Hexachlorobutadiene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
2-Hexanone	ND		ug/L	10.0	10.0	1	07/15/22	07/15/22 18:20	LL
Isopropylbenzene (Cumene)	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
4-Isopropyltoluene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	07/15/22	07/15/22 18:20	LL
Methylene chloride	ND		ug/L	10.0	10.0	1	07/15/22	07/15/22 18:20	LL
Naphthalene	ND		ug/L	2.0	2.0	1	07/15/22	07/15/22 18:20	LL
n-Propylbenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
Styrene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
Tetrachloroethene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
Toluene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
1,2,3-Trichlorobenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
1,2,4-Trichlorobenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
1,1,1-Trichloroethane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
1,1,2-Trichloroethane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
Trichloroethene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
1,2,3-Trichloropropane	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL



Rabecka Koons, Quality Assurance Officer

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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Reported:
07/21/22 15:26

CMW-2

2071207-13 (Nonpotable Water)
Sample Date: 07/12/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 8260B (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,2,4-Trimethylbenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
1,3,5-Trimethylbenzene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
Vinyl chloride	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
o-Xylene	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
m- & p-Xylenes	ND		ug/L	2.0	1.0	1	07/15/22	07/15/22 18:20	LL
Surrogate: 1,2-Dichloroethane-d4		70-130		117 %	07/15/22		07/15/22 18:20		
Surrogate: Toluene-d8		75-120		103 %	07/15/22		07/15/22 18:20		
Surrogate: 4-Bromofluorobenzene		75-120		91 %	07/15/22		07/15/22 18:20		
GASOLINE RANGE ORGANICS BY EPA 8015C Prepared by GC-WATER-VOLATILES									
Gasoline-Range Organics	ND		ug/L	100	100	1	07/20/22	07/20/22 11:21	RH
Surrogate: a,a,a-Trifluorotoluene [2C]		85-115		99 %	07/20/22		07/20/22 11:21		
DIESEL RANGE ORGANICS BY EPA 3510/8015C Prepared by 3510-GC(Sep Funnel)									
Diesel-Range Organics (C10-C28)	ND		mg/L	0.19	0.19	1	07/13/22	07/15/22 21:15	EH
Surrogate: o-Terphenyl		60-120		86 %	07/13/22		07/15/22 21:15		



Rabecka Koons, Quality Assurance Officer

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Analytical Results

Project: RF-064

Project Number: RF-064
Project Manager: Steve Dessel

Notes and Definitions

- S-FAIL Surrogate recovery was outside of established QC limits
- J Detected but below the reporting limit; therefore, result is an estimated concentration (CLP J-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 reporting 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 accreditation

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.



Rabecka Koons, Quality Assurance Officer

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Company Name: AEC		Project Manager: sdessel		Analysis Requested								CHAIN-OF-CUSTODY RECORD			
Project Name: RF-064		Project ID: 05-056, RF-064										Maryland Spectral Services, Inc. 1500 Caton Center Drive, Suite G Baltimore, MD 21227 410-247-7600 • Fax 410-247-7602 labman@mdspectral.com			
Sampler(s): ZB		P.O. Number: 05-056, RF-064										Matrix Codes: NW (nonpotable water) PW (potable water)			
Field Sample ID	Date	Time	Water	Soil	Other	No. of Containers	VOCs	8260	97A	6108015	97A	9208015	Preservative: 1+1 HCL, H ₂ SO ₄ , Methanol, Na ₂ S ₂ O ₃ , NaHCO ₃	Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank	MSS Lab ID
MW-1	7/12/22	11:00	X			6	X	X	X						20712 07-01
MW-2R		10:45				5									- 02
MW-5R		10:15													- 03
MW-8R		10:30													- 04
MW-21		11:15													- 05
MW-23		8:45													- 06
MW-24		8:30													- 07
MW-26		8:15													- 08
MW-27		8:00													- 09
MW-28		7:50													- 10
Relinquished by: (Signature) <i>Zach</i>		Date/Time 7/12/22		Received by: (Signature)				Relinquished by: (Signature)				Date/Time		Received by: (Signature)	
(Printed) Zach Bortly				(Printed)				(Printed)						(Printed)	
Relinquished by: (Signature)		Date/Time 11:28		Received by Lab: (Signature) <i>Lori Foster</i>				Turn Around Time:				Lab Use:			
(Printed)		7-12-22		(Printed)				<input checked="" type="checkbox"/> Normal (7 day) <input type="checkbox"/> 5 day <input type="checkbox"/> 4 day <input type="checkbox"/> 3 day <input type="checkbox"/> Rush (2 day) <input type="checkbox"/> Next Day <input type="checkbox"/> Other: _____ <input type="checkbox"/> Specific Due Date: _____				Temp: _____ °C <input checked="" type="checkbox"/> Received on Ice <input checked="" type="checkbox"/> Received same day <input type="checkbox"/> Preservation Appropriate Sample Disposal: <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by lab <input type="checkbox"/> Archive for _____ days			
Delivery Method: <input type="checkbox"/> Courier <input checked="" type="checkbox"/> Client <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> USPS <input type="checkbox"/> Other: _____		Special Instructions/QC Requirements & Comments: Results to sdessel zborly													

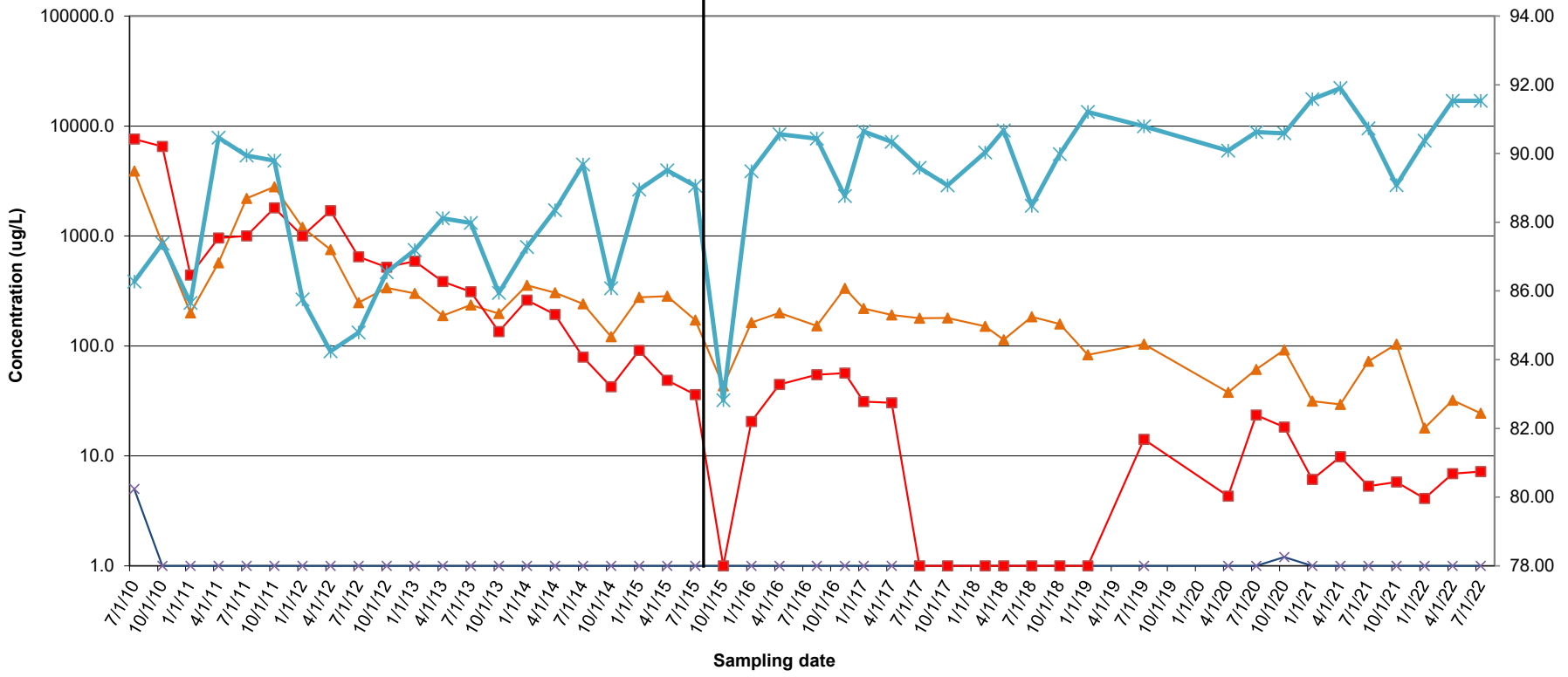
Company Name: AEC		Project Manager: S Desser		Analysis Requested										CHAIN-OF-CUSTODY RECORD		
Project Name: RE064		Project ID: 05-056-RF064		No. of Containers VOCs 8260 PH GRO 8015 PH ORG 8015										Maryland Spectral Services, Inc. 1500 Caton Center Drive, Suite G Baltimore, MD 21227 410-247-7600 • Fax 410-247-7602 labman@mdspectral.com		
Sampler(s): ZB		P.O. Number: 05-056, RF-064												Matrix Codes: NW (nonpotable water) PW (potable water)		
Field Sample ID		Date	Time											Water	Soil	Other
MW-24	7/12/22	7:40	X				S	X	X	X			20712	07-11		
CMW-1	7/12/22	7:30	 				 	 	 	 			-12			
CMW-2	7/12/22	7:20	 				 	 	 	 			-13			
Relinquished by: (Signature) Zach Bonthly		Date/Time 7/12/22		Received by: (Signature)				Relinquished by: (Signature)				Date/Time		Received by: (Signature)		
(Printed) Zach Bonthly				(Printed)				(Printed)						(Printed)		
Relinquished by: (Signature)		Date/Time		Received by Lab: (Signature)				Turn Around Time:				Lab Use:				
(Printed)		11:28		Lori Foster				<input checked="" type="checkbox"/> Normal (7 day) <input type="checkbox"/> 5 day <input type="checkbox"/> 4 day <input type="checkbox"/> 3 day <input type="checkbox"/> Rush (2 day) <input type="checkbox"/> Next Day <input type="checkbox"/> Other: _____ <input type="checkbox"/> Specific Due Date: _____				Temp: _____ °C 2.5 <input checked="" type="checkbox"/> Received on Ice <input checked="" type="checkbox"/> Received same day <input type="checkbox"/> Preservation Appropriate				
Delivery Method: <input type="checkbox"/> Courier <input checked="" type="checkbox"/> Client <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> USPS <input type="checkbox"/> Other: _____		Special Instructions/QC Requirements & Comments: Results to S Desser ZBonthly														
										Sample Disposal: <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by lab <input type="checkbox"/> Archive for _____ days						

Attachment D

MW-1 Benzene, MTBE, Naphthalene Concentration vs. Time
Royal Farms #64
7950 Pulaski Highway, Rosedale, MD

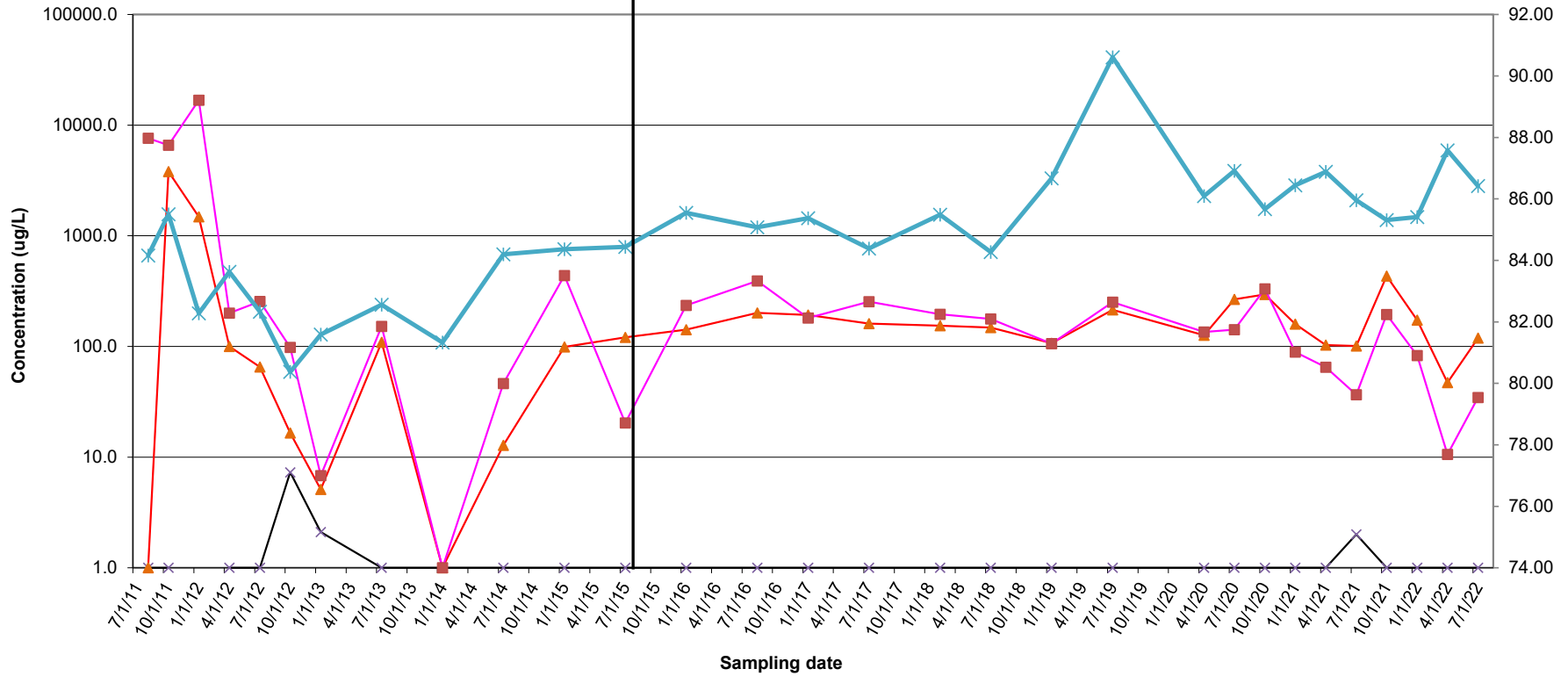
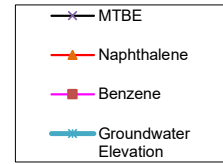
System shutdown

- MTBE
- Naphthalene
- Benzene
- Groundwater Elevation

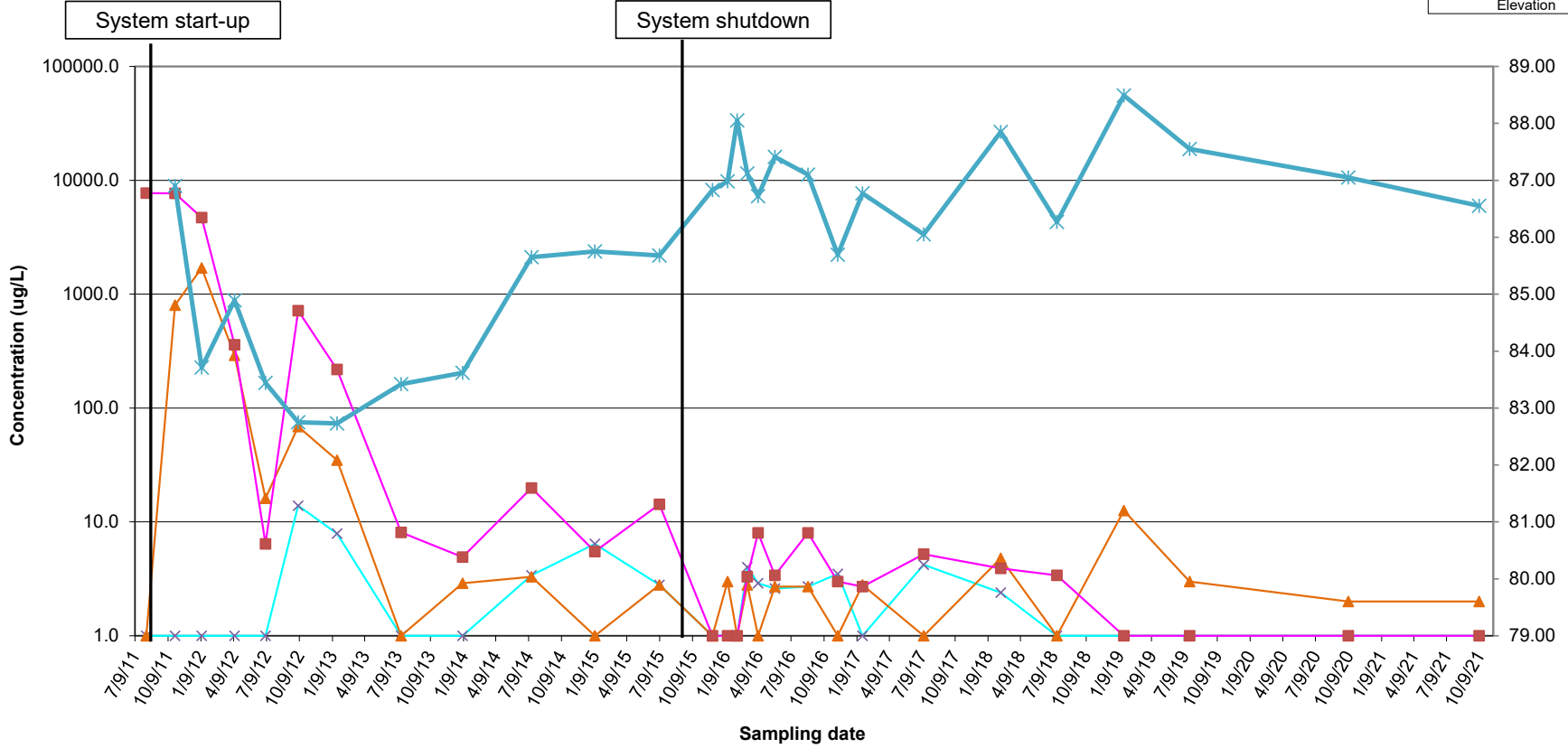
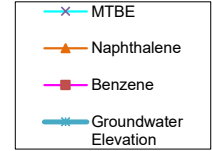


MW-2R Benzene, MTBE, Naphthalene Concentration vs. Time
Royal Farms #64
7950 Pulaski Highway, Rosedale, MD

System shutdown

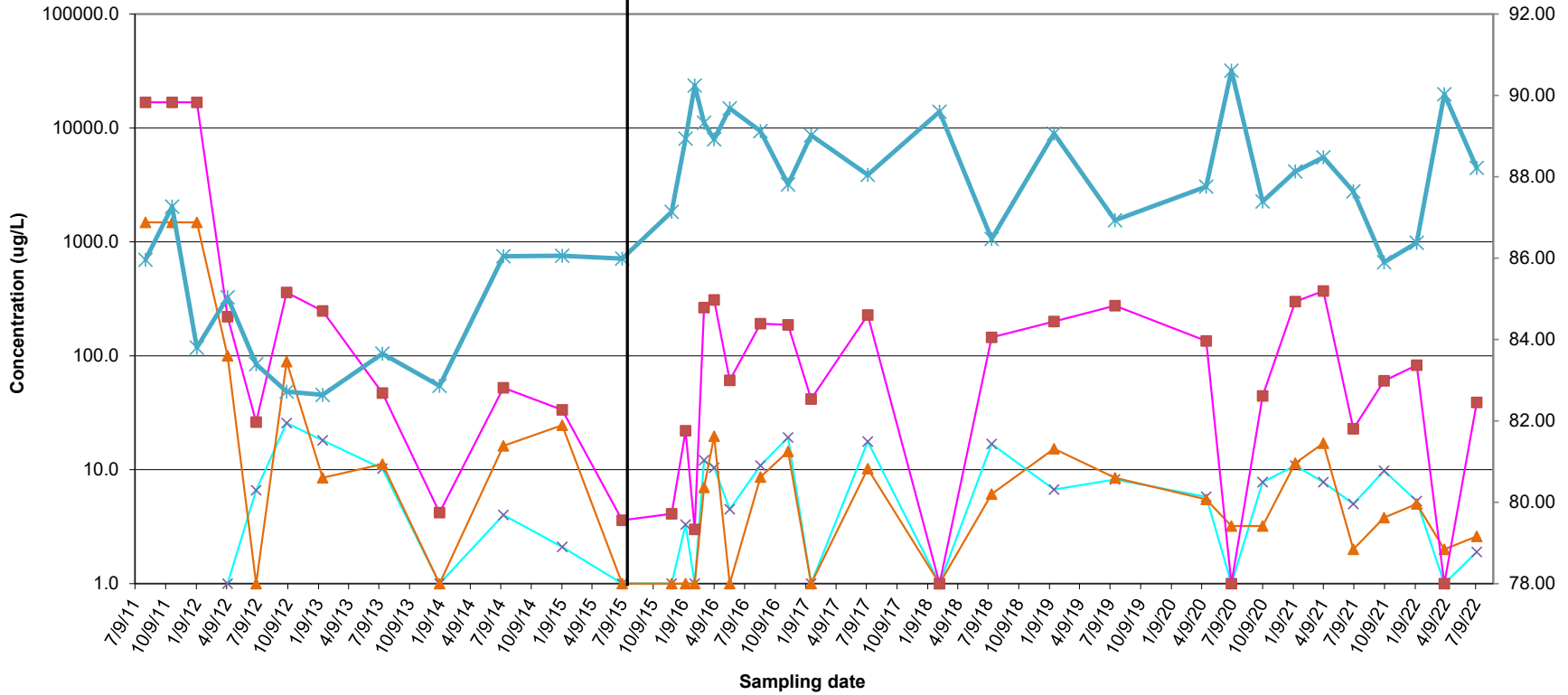
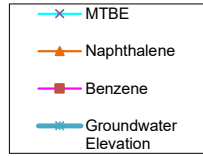


MW-4R Benzene, MTBE, Naphthalene Concentration vs. Time
 Royal Farms #64
 7950 Pulaski Highway, Rosedale, MD

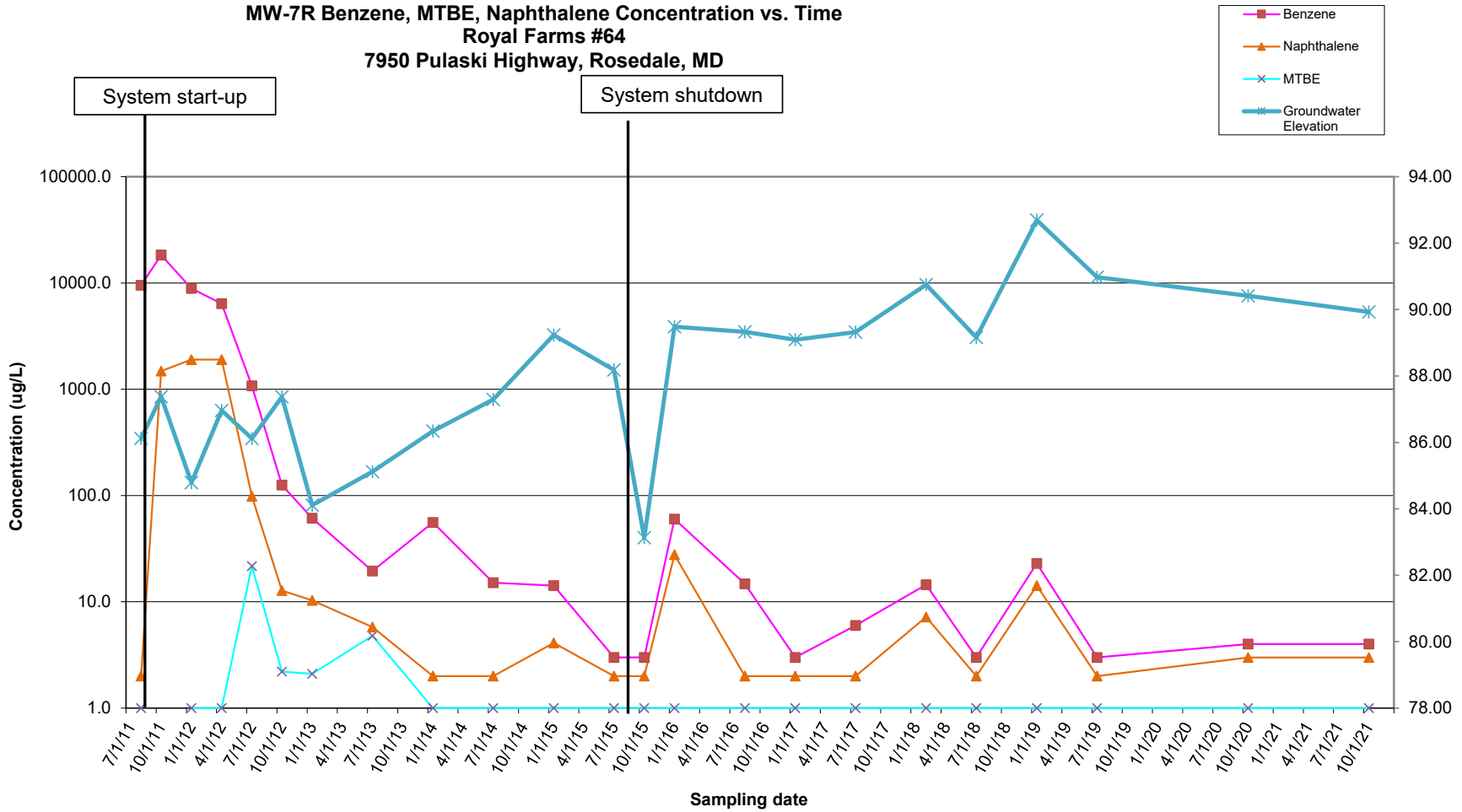


MW-5R Benzene, MTBE, Naphthalene Concentration vs. Time
 Royal Farms #64
 7950 Pulaski Highway, Rosedale, MD

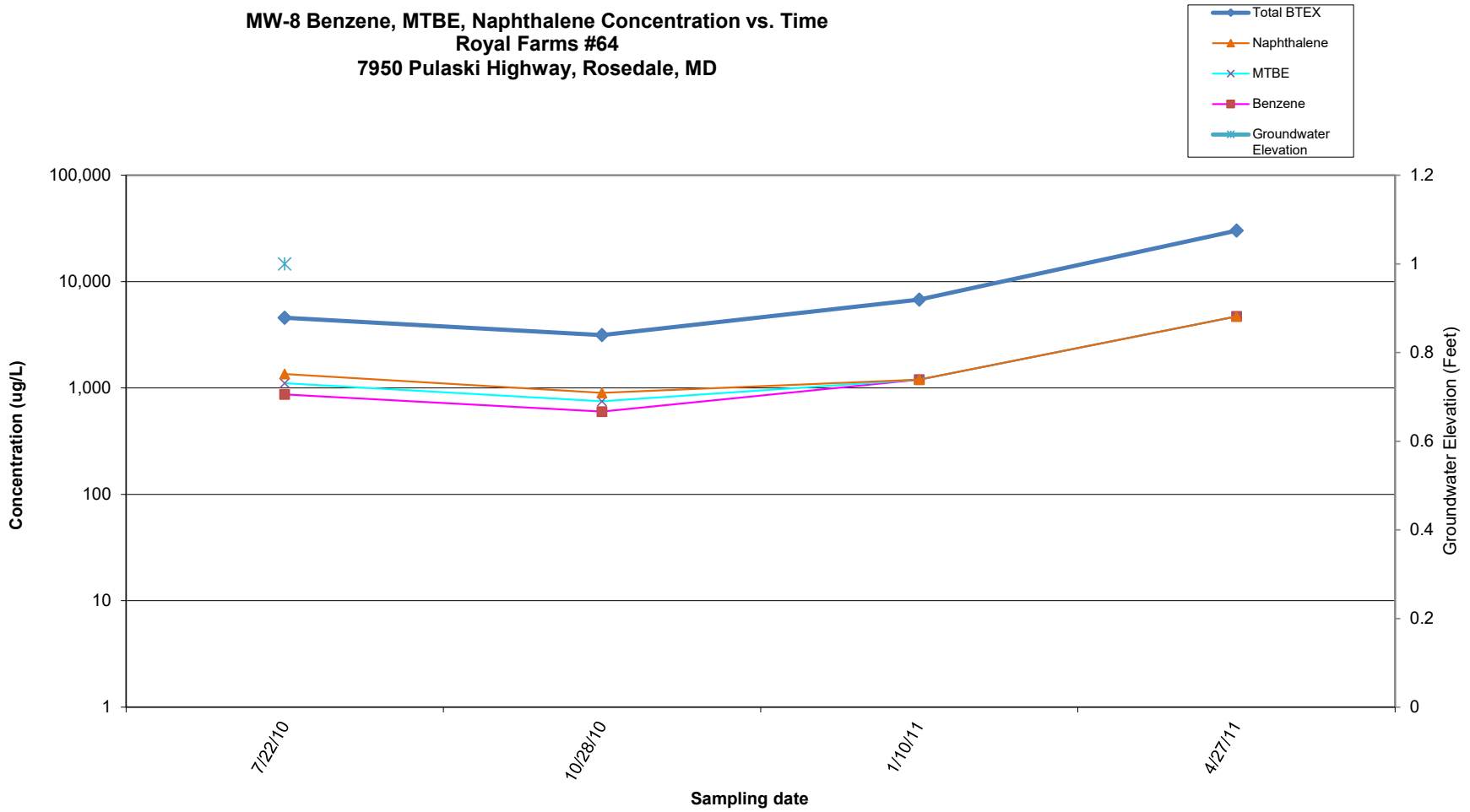
System shutdown



MW-7R Benzene, MTBE, Naphthalene Concentration vs. Time
Royal Farms #64
7950 Pulaski Highway, Rosedale, MD

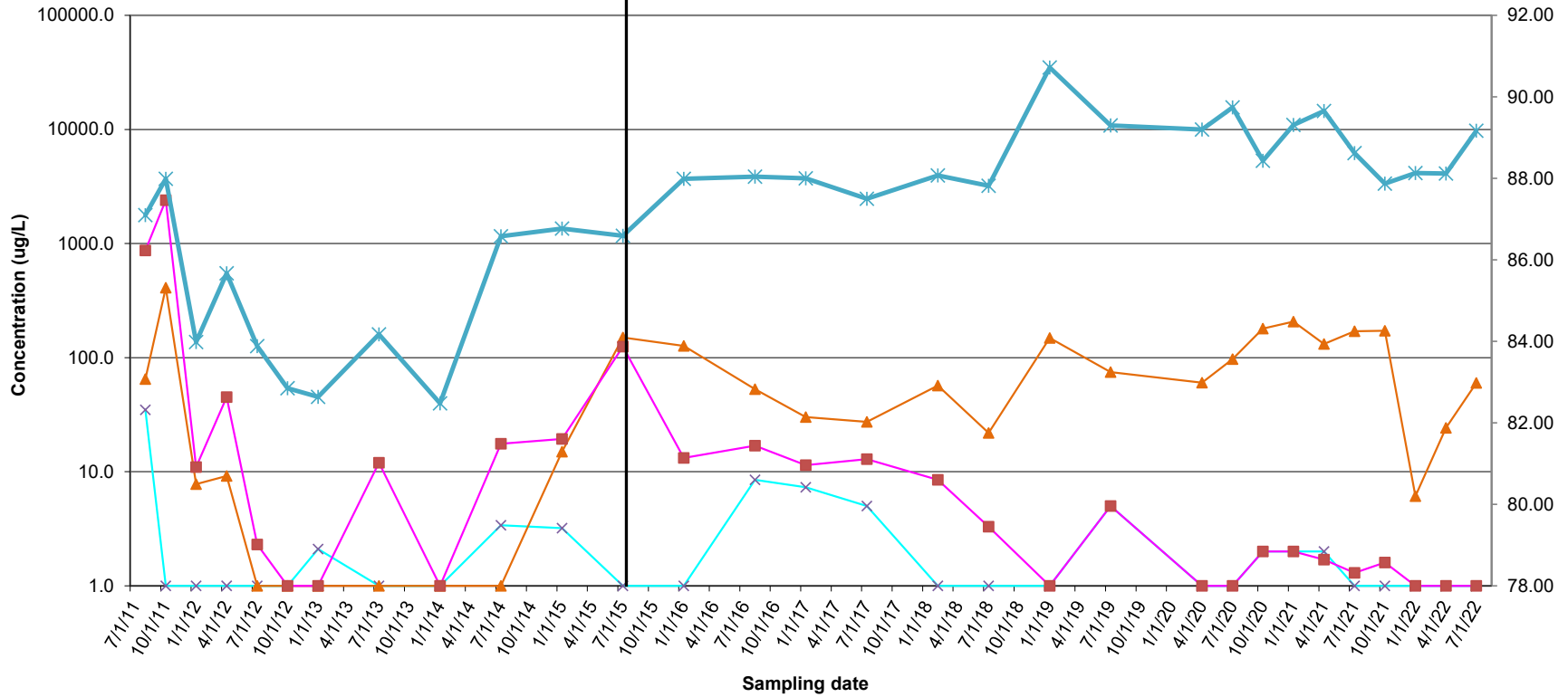
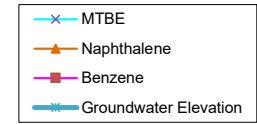


MW-8 Benzene, MTBE, Naphthalene Concentration vs. Time
Royal Farms #64
7950 Pulaski Highway, Rosedale, MD

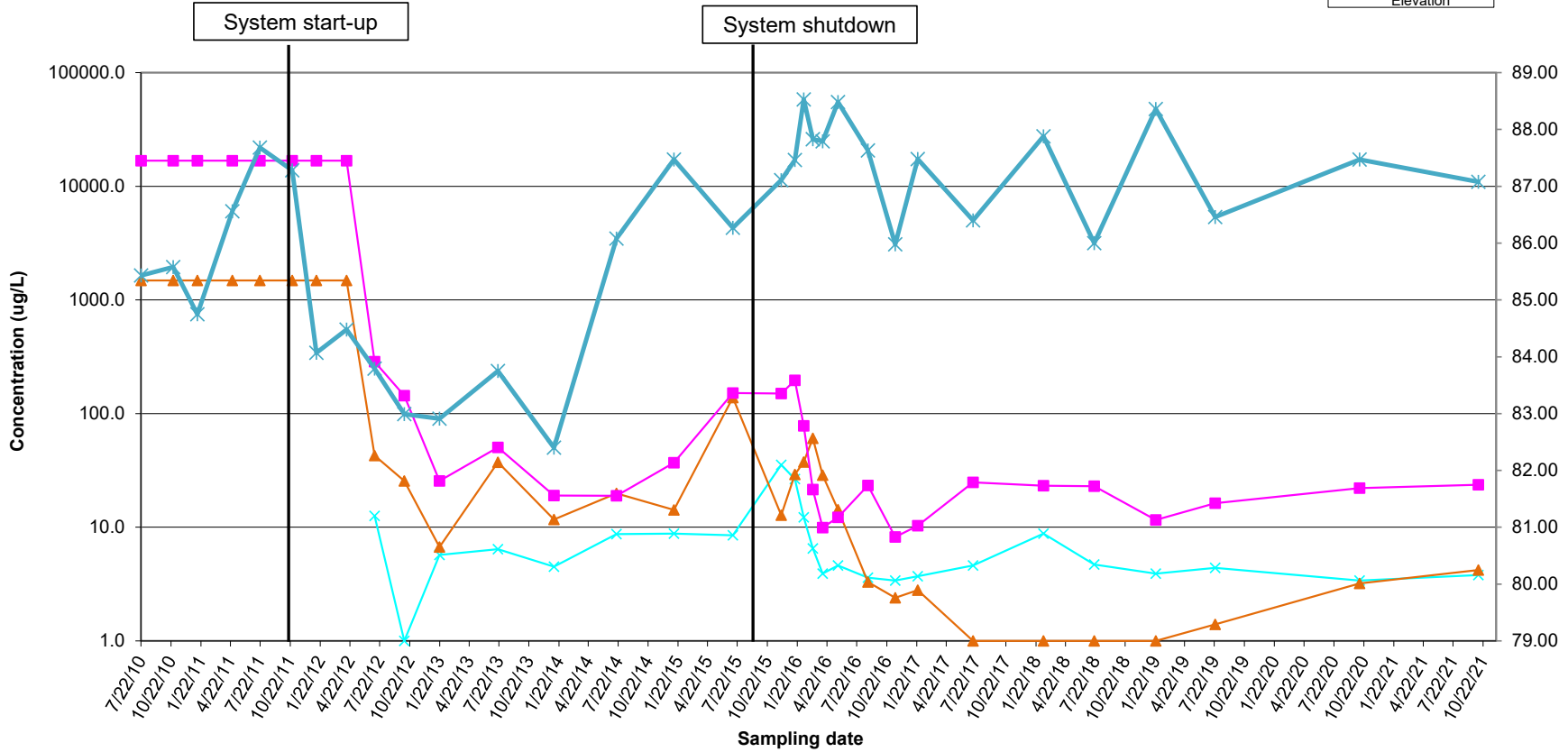
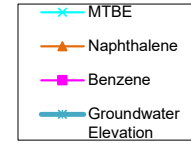


MW-8R Benzene, MTBE, Naphthalene Concentration vs. Time
Royal Farms #64
7950 Pulaski Highway, Rosedale, MD

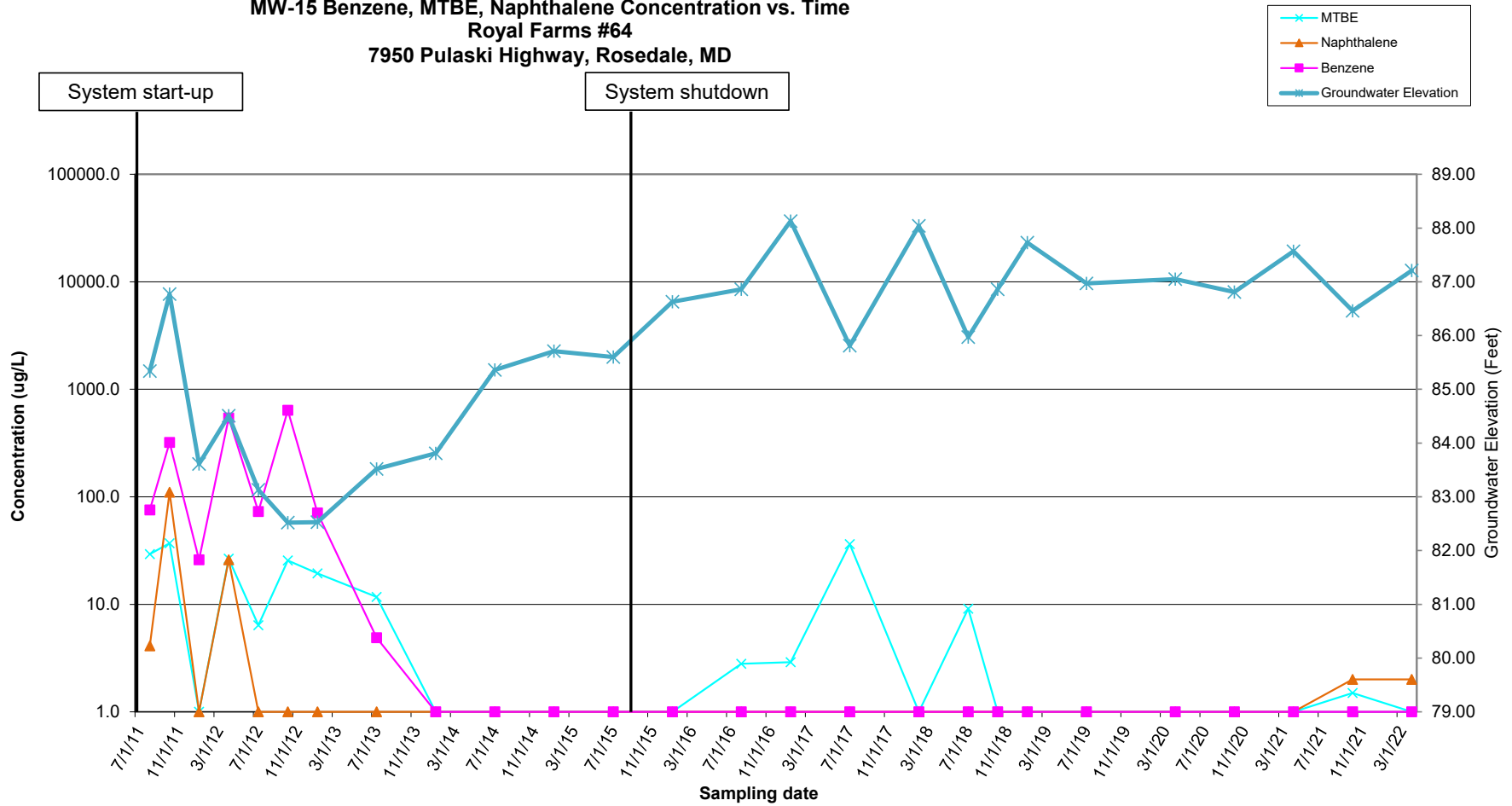
System shutdown



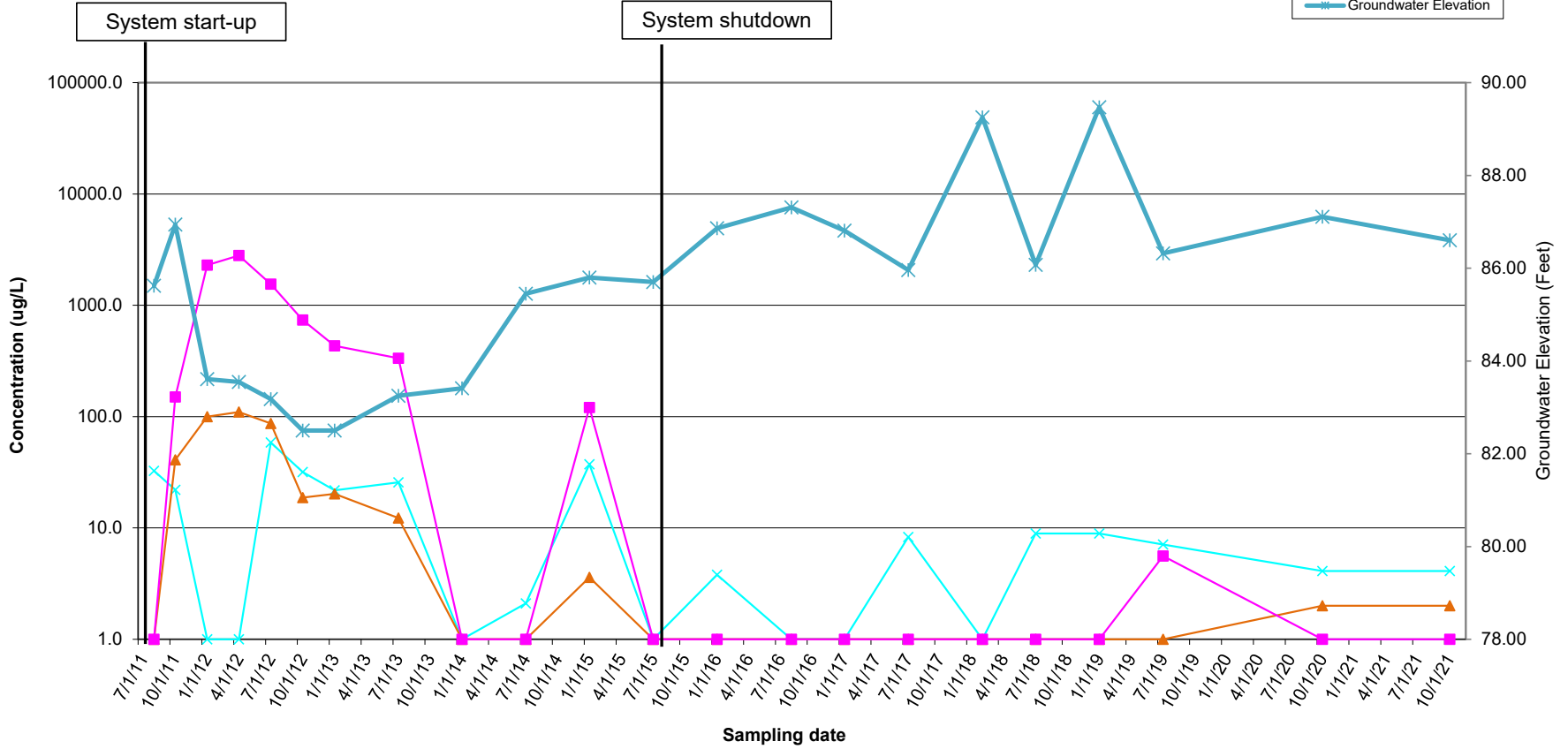
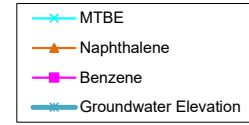
MW-14 Benzene, MTBE, Naphthalene Concentration vs. Time
Royal Farms #64
7950 Pulaski Highway, Rosedale, MD



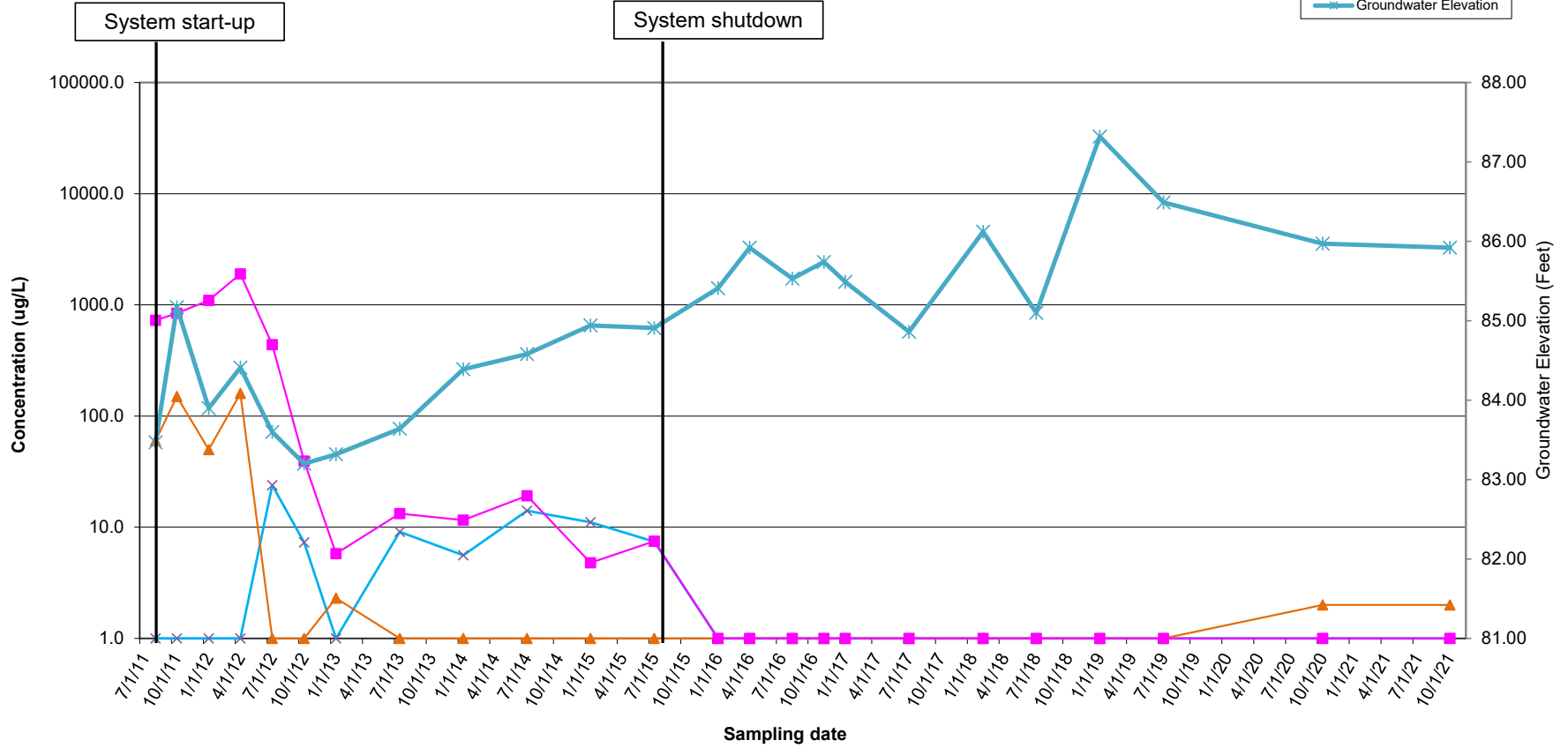
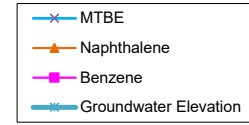
MW-15 Benzene, MTBE, Naphthalene Concentration vs. Time
Royal Farms #64
7950 Pulaski Highway, Rosedale, MD



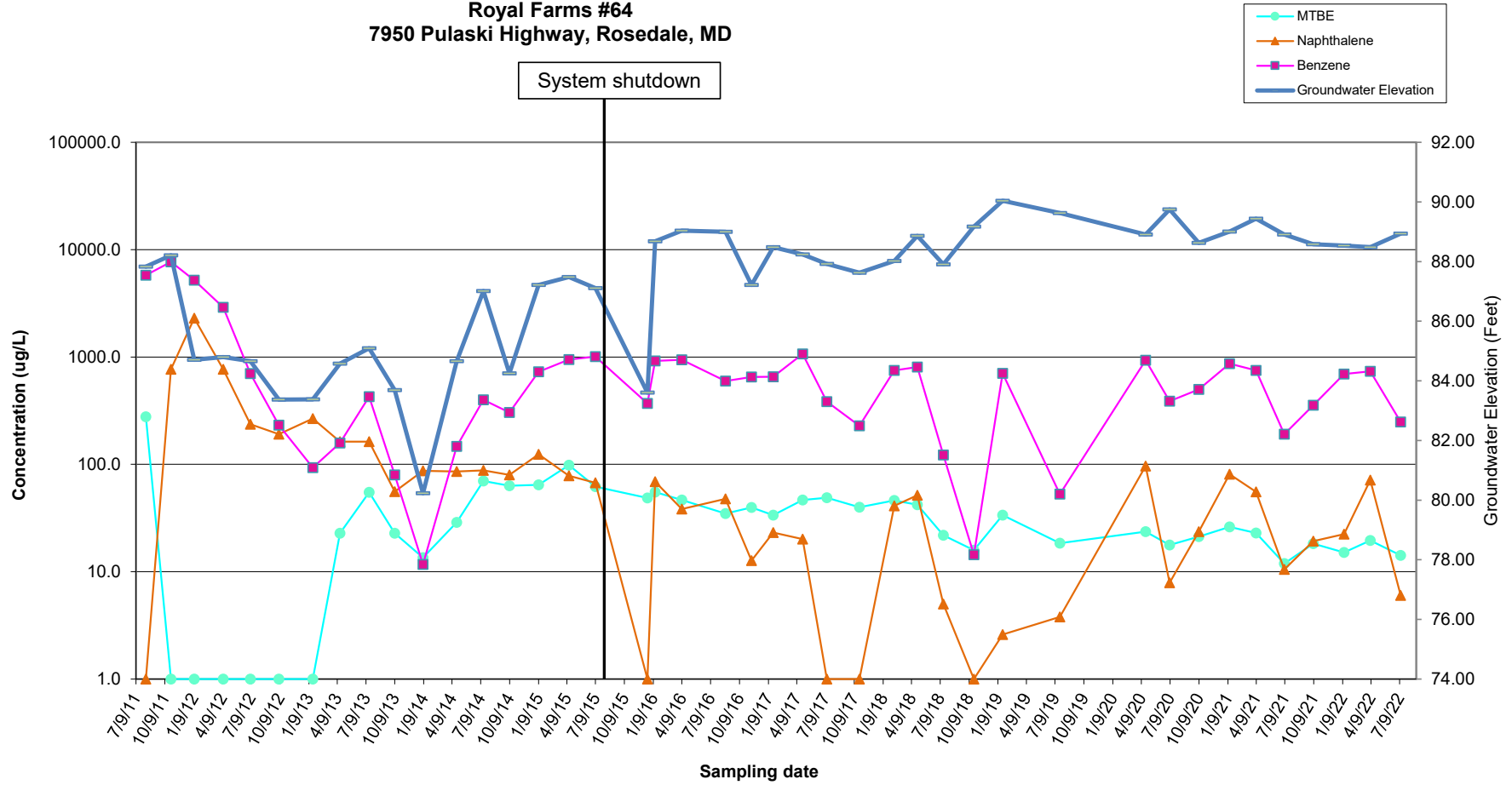
MW-16 Benzene, MTBE, Naphthalene Concentration vs. Time
Royal Farms #64
7950 Pulaski Highway, Rosedale, MD



MW-17 Benzene, MTBE, Naphthalene Concentration vs. Time
Royal Farms #64
7950 Pulaski Highway, Rosedale, MD

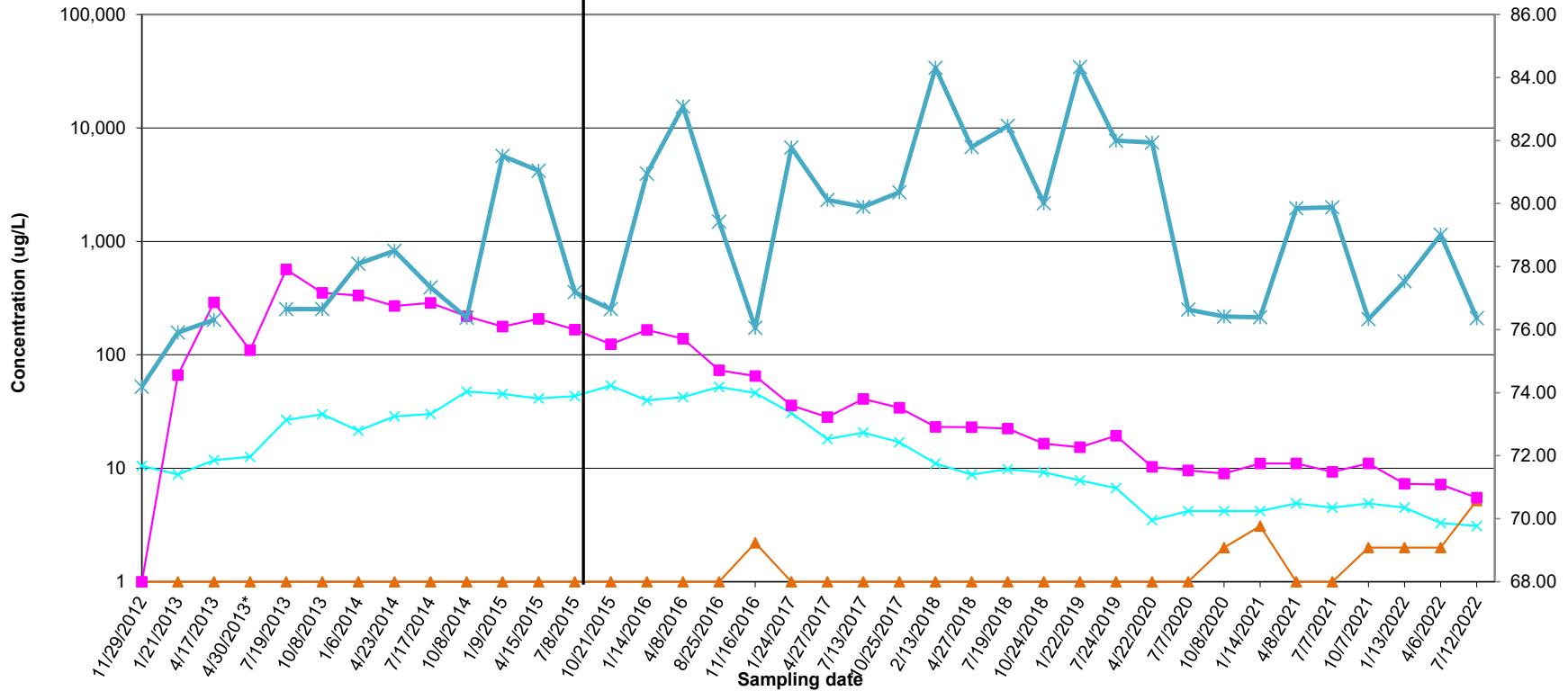
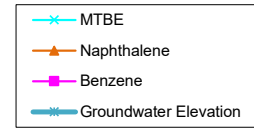


MW-21 Benzene, MTBE, Naphthalene Concentration vs. Time
Royal Farms #64
7950 Pulaski Highway, Rosedale, MD



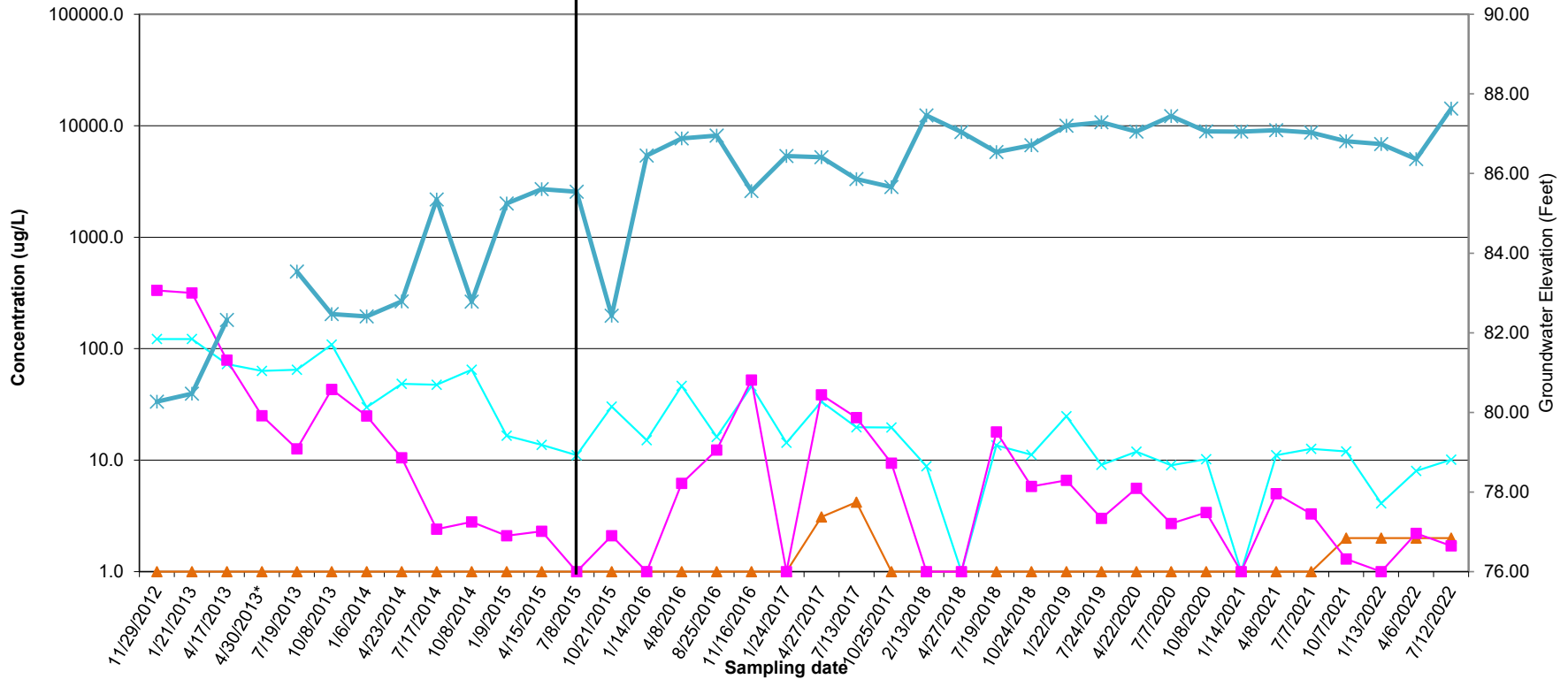
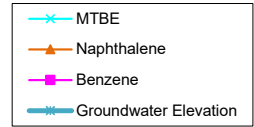
MW-23 Benzene, MTBE, Naphthalene Concentration vs. Time
Royal Farms #64
7950 Pulaski Highway, Rosedale, MD

System shutdown

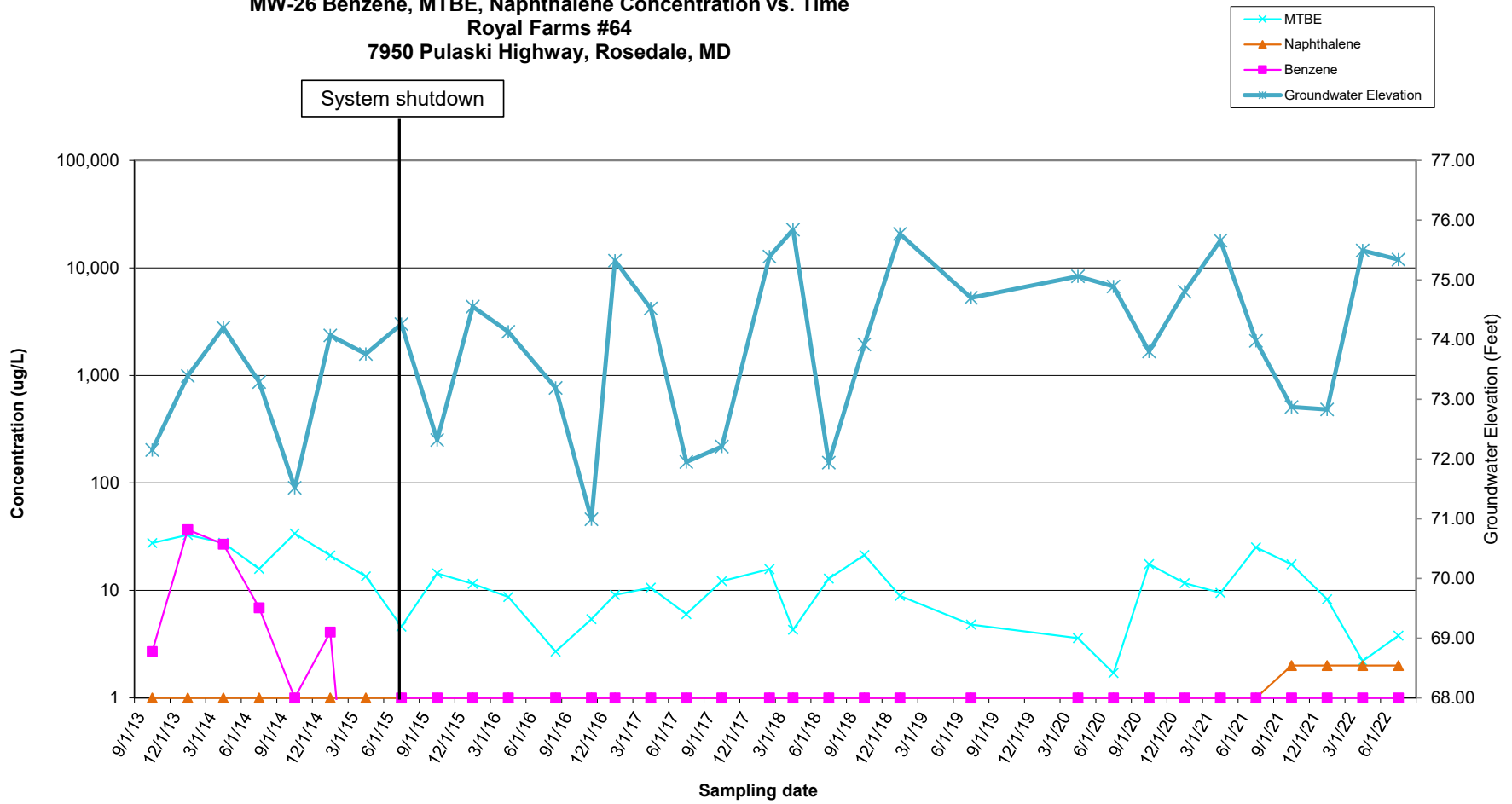


MW-24 Benzene, MTBE, Naphthalene Concentration vs. Time
Royal Farms #64
7950 Pulaski Highway, Rosedale, MD

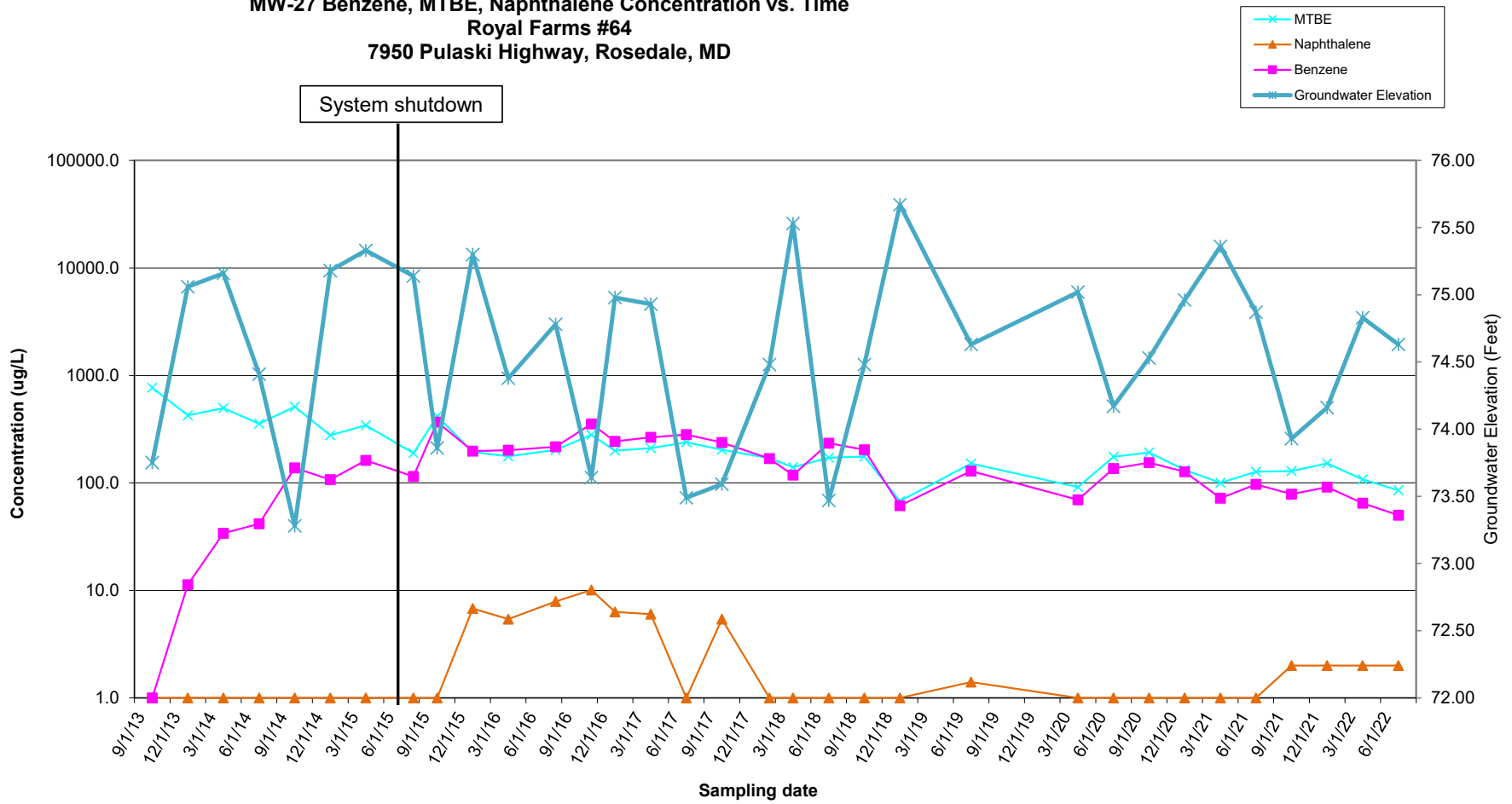
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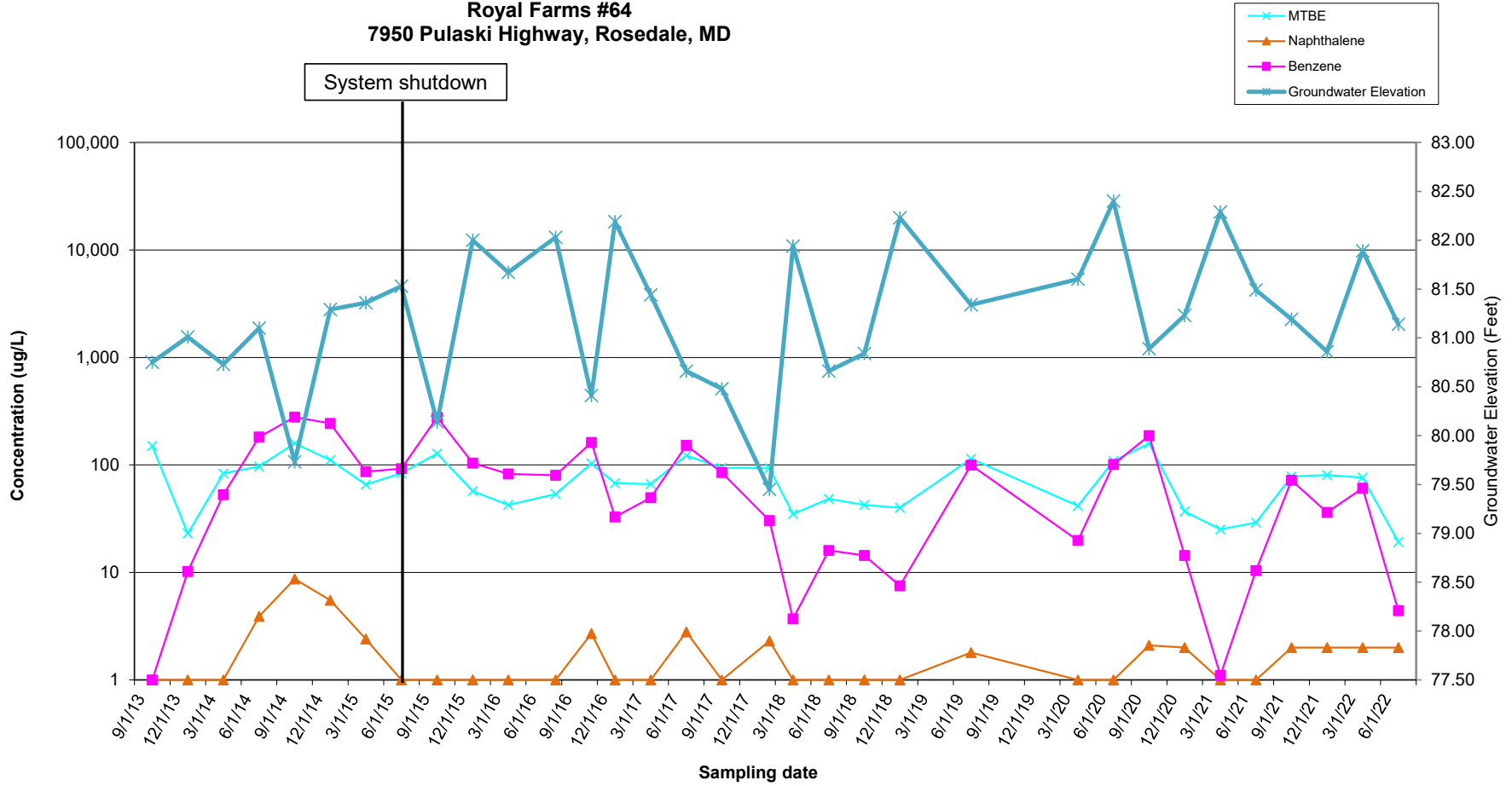
MW-26 Benzene, MTBE, Naphthalene Concentration vs. Time
Royal Farms #64
7950 Pulaski Highway, Rosedale, MD



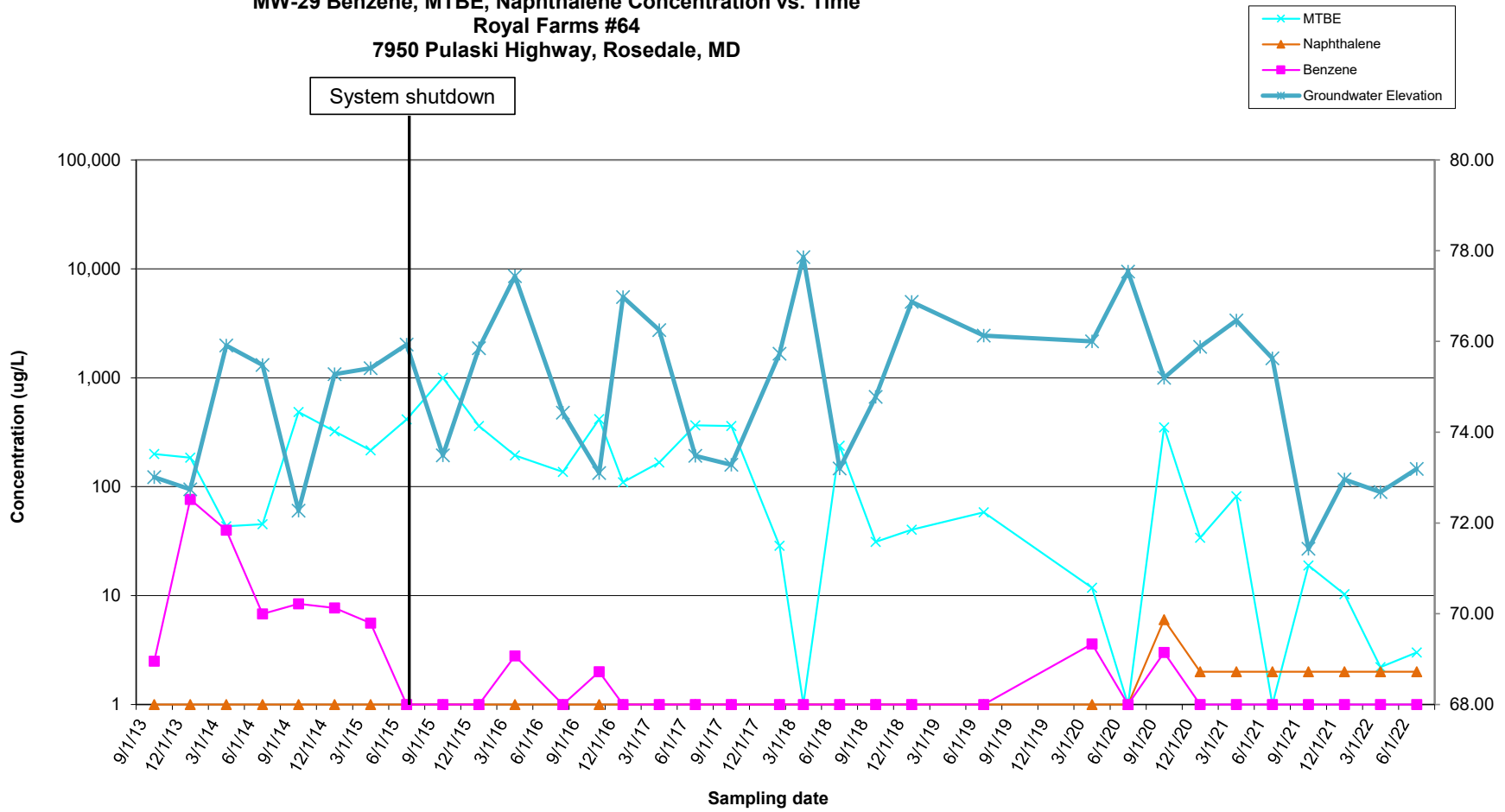
MW-27 Benzene, MTBE, Naphthalene Concentration vs. Time
Royal Farms #64
7950 Pulaski Highway, Rosedale, MD



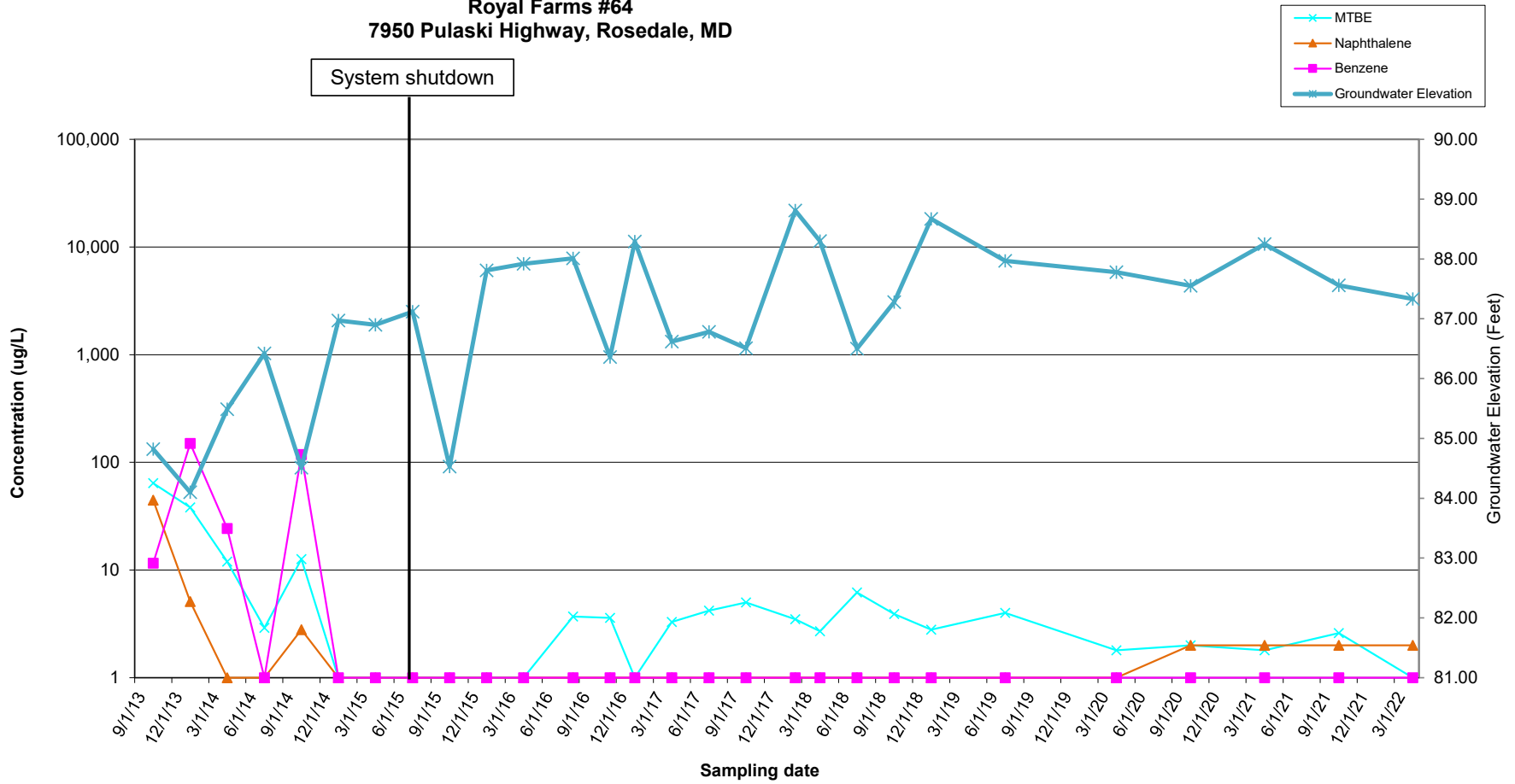
MW-28 Benzene, MTBE, Naphthalene Concentration vs. Time
 Royal Farms #64
 7950 Pulaski Highway, Rosedale, MD



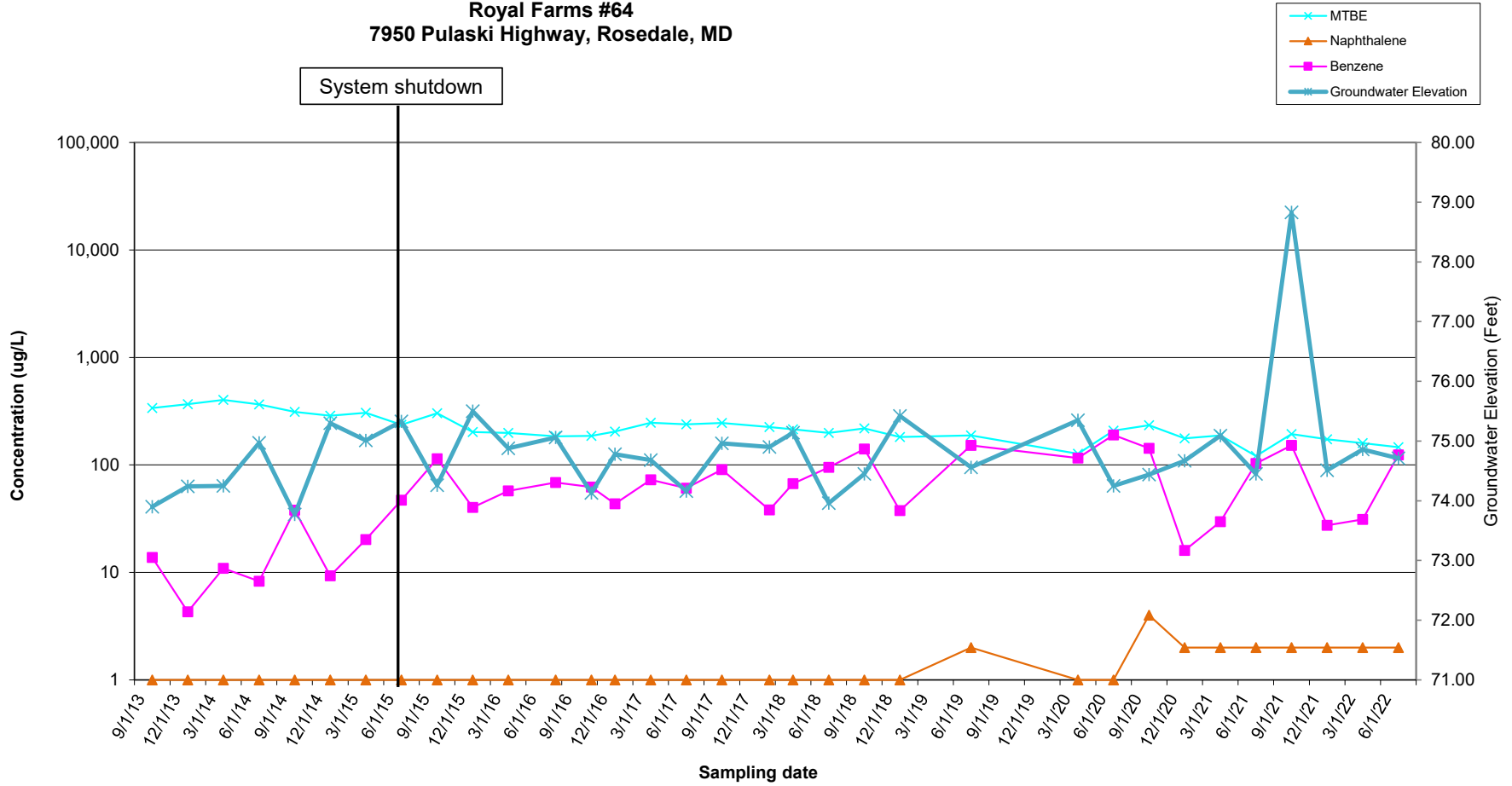
MW-29 Benzene, MTBE, Naphthalene Concentration vs. Time
Royal Farms #64
7950 Pulaski Highway, Rosedale, MD



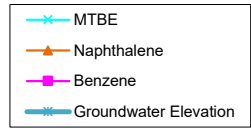
MW-30 Benzene, MTBE, Naphthalene Concentration vs. Time
Royal Farms #64
7950 Pulaski Highway, Rosedale, MD



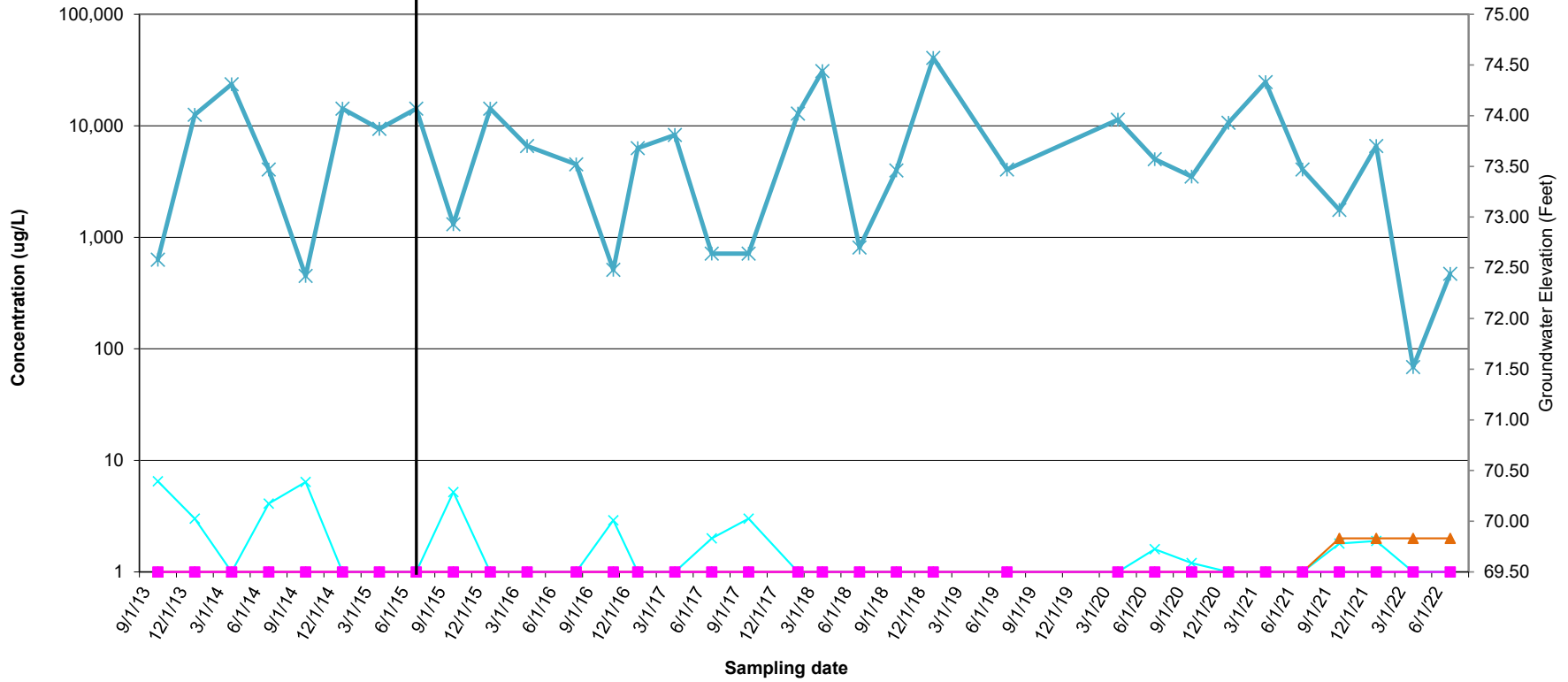
CMW-1 Benzene, MTBE, Naphthalene Concentration vs. Time
Royal Farms #64
7950 Pulaski Highway, Rosedale, MD



CMW-2 Benzene, MTBE, Naphthalene Concentration vs. Time
Royal Farms #64
7950 Pulaski Highway, Rosedale, MD



System shutdown

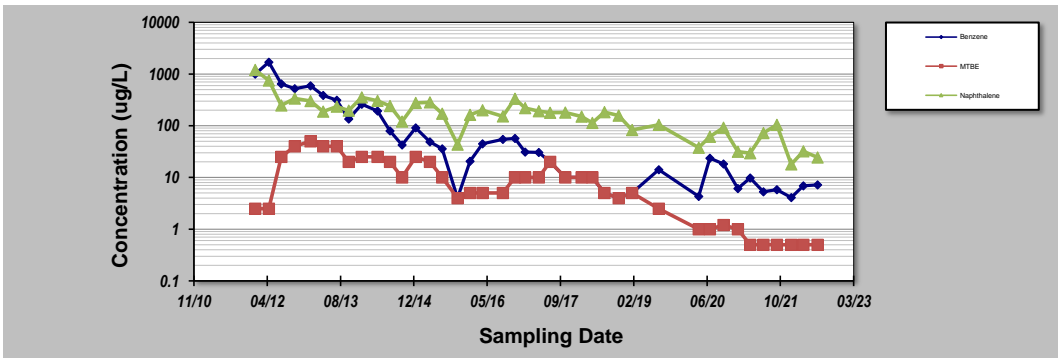


Attachment E

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 13-Sep-22	Job ID: 05-056
Facility Name: RF-64	Sampling Point ID: MW-1
Conducted By: AEC	Concentration Units: ug/L

Constituent	Benzene	MTBE	Naphthalene			
Sampling Event	Sampling Date	MW-1 CONCENTRATION (ug/L)				
1	1/10/2012	1,000	2.5	1200.0		
2	4/11/2012	1,700	2.5	750.0		
3	7/6/2012	646	25.0	247.0		
4	10/5/2012	520	40.0	337.0		
5	1/21/2013	590	50.0	301.0		
6	4/17/2013	385	40.0	189.0		
7	7/19/2013	311	40.0	236.0		
8	10/8/2013	135	20.0	197.0		
9	1/6/2014	261	25.0	356.0		
10	4/23/2014	193	25.0	305.0		
11	7/17/2014	79.2	20.0	241.0		
12	10/8/2014	42.6	10.0	121.0		
13	1/9/2015	91	25.0	277.0		
14	4/15/2015	48.6	20.0	283.0		
15	7/8/2015	36	10.0	172.0		
16	10/21/2015	4.0	4.0	43.3		
17	1/14/2016	20.5	5.0	163.0		
18	4/8/2016	44.7	5.0	200.0		
19	8/25/2016	54.7	5.0	152.0		
20	11/16/2016	56.7	10.0	335.0		
21	1/24/2017	31.1	10.0	219.0		
22	4/27/2017	30.4	10.0	191.0		
23	7/13/2017	20.0	20.0	179		
24	10/25/2017	10.0	10.0	180		
25	2/13/2018	10.0	10.0	151		
26	4/27/2018	10.0	10.0	114		
27	7/19/2018	5.0	5.0	184		
28	10/24/2018	4.0	4.0	158		
29	1/23/2019	5.0	5.0	82.9		
30	7/24/2019	14.1	2.5	104		
31	4/22/2020	4.3	1.0	37.8		
32	7/7/2020	23.5	1.0	61.3		
33	10/8/2020	18.3	1.2	91.8		
34	1/14/2021	6.1	1.0	31.5		
35	4/8/2021	9.8	0.5	29.4		
36	7/7/2021	5.3	0.5	72.6		
37	10/7/2021	5.8	0.5	104.0		
38	1/13/2022	4.1	0.5	17.9		
39	4/6/2022	6.9	0.5	32.1		
40	7/12/2022	7.2	0.5	24.5		
Coefficient of Variation:	1.87	0.95	0.93			
Mann-Kendall Statistic (S):	-416	-289	-345			
Confidence Factor:	>99.9%	>99.9%	>99.9%			
Concentration Trend:	Decreasing	Decreasing	Decreasing			



Notes:

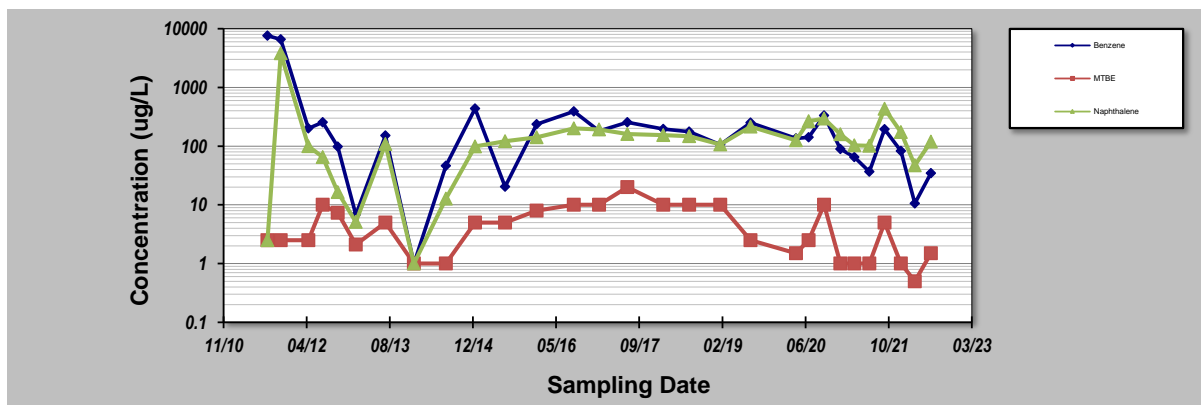
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S=0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
- Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 13-Sep-22	Job ID: 05-056
Facility Name: RF-64	Sampling Point ID: MW-2R
Conducted By: AEC	Concentration Units: ug/L

Constituent	Benzene	MTBE	Naphthalene			
Sampling Event	Sampling Date	MW-2R CONCENTRATION (ug/L)				
1	8/9/2011	7,600	2.5	2.5		
2	10/28/2011	6,600	2.5	3800.0		
3	4/11/2012	200	2.5	100.0		
4	7/6/2012	255	10.0	65.2		
5	10/5/2012	97.9	7.3	16.5		
6	1/21/2013	6.8	2.1	5.1		
7	7/19/2013	152	5.0	109.0		
8	1/6/2014	1.0	1.0	1.0		
9	7/17/2014	46.2	1.0	12.8		
10	1/9/2015	437	5.0	99.2		
11	7/8/2015	20.4	5.0	121		
12	1/14/2016	235	8.0	142		
13	8/25/2016	391	10.0	201		
14	1/24/2017	181.0	10.0	193.0		
15	7/13/2017	254	20.0	161		
16	2/13/2018	195	10.0	154		
17	7/19/2018	177	10.0	148		
18	1/23/2019	106	10.0	107		
19	7/24/2019	251	2.5	214		
20	4/22/2020	135	1.5	126		
21	7/7/2020	142	2.5	266		
22	10/8/2020	331	10.0	295		
23	1/14/2021	89	1.0	159		
24	4/8/2021	65	1.0	103		
25	7/7/2021	36.6	1.0	101		
26	10/7/2021	194	5.0	432		
27	1/13/2022	82.6	1.0	173		
28	4/6/2022	10.6	0.5	47.1		
29	7/12/2022	34.6	1.5	119		
30						
Coefficient of Variation:	2.85	0.89	2.67			
Mann-Kendall Statistic (S):	-122	-67	114			
Confidence Factor:	98.9%	89.2%	98.3%			
Concentration Trend:	Decreasing	Stable	Increasing			



Notes:

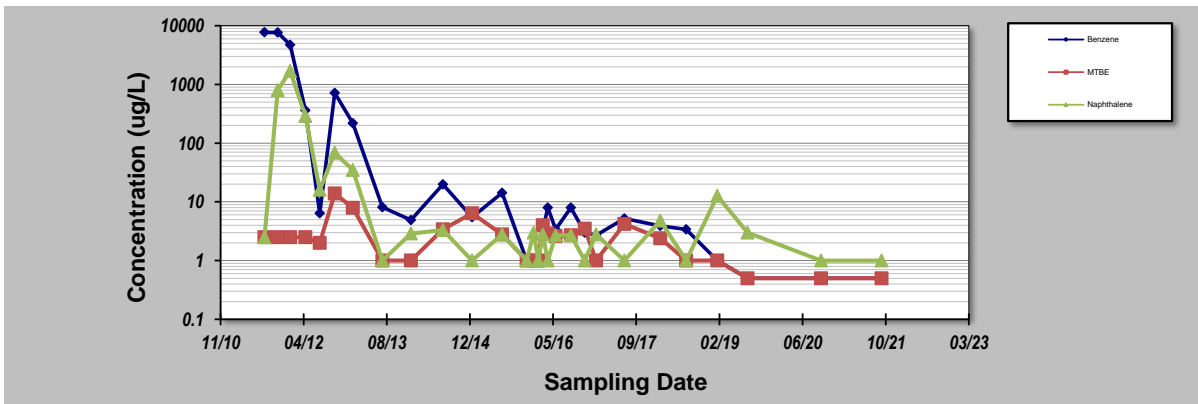
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0); >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
- Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 13-Sep-22	Job ID: 05-056
Facility Name: RF-64	Sampling Point ID: MW-4R
Conducted By: AEC	Concentration Units: ug/L

Constituent	Benzene	MTBE	Naphthalene				
Sampling Event	Sampling Date	MW-4R CONCENTRATION (ug/L)					
1	8/9/2011	7,710	2.5	2.5			
2	10/28/2011	7,700	2.5	800.0			
3	1/10/2012	4,700	2.5	1700.0			
4	4/11/2012	360	2.5	290.0			
5	7/6/2012	6.4	2.0	16.1			
6	10/5/2012	718	13.9	68.6			
7	1/21/2013	218	7.9	34.8			
8	7/19/2013	8.1	1.0	1.0			
9	1/6/2014	4.9	1.0	2.9			
10	7/17/2014	19.9	3.4	3.3			
11	1/9/2015	5.5	6.4	1.0			
12	7/8/2015	14.3	2.8	2.8			
13	12/3/2015	1.0	1.0	1.0			
14	1/14/2016	1.0	1.0	3.0			
15	2/10/2016	1.0	1.0	1.0			
16	3/9/2016	3.3	4.0	2.8			
17	4/8/2016	8.0	2.9	1.0			
18	5/25/2016	3.4	2.6	2.7			
19	8/25/2016	8.0	2.7	2.7			
20	11/16/2016	3.0	3.5	1.0			
21	1/24/2017	2.7	1.0	2.8			
22	7/13/2017	5.2	4.2	1.0			
23	2/13/2018	3.9	2.4	4.8			
24	7/19/2018	3.4	1.0	1.0			
25	1/22/2019	1.0	1.0	12.6			
26	7/24/2019	0.5	0.5	3.0			
27	10/8/2020	0.5	0.5	1.0			
28	10/7/2021	0.5	0.5	1.0			
29							
30							
Coefficient of Variation:	2.80	1.00	3.30				
Mann-Kendall Statistic (S):	-245	-109	-132				
Confidence Factor:	>99.9%	98.4%	99.6%				
Concentration Trend:	Decreasing	Decreasing	Decreasing				



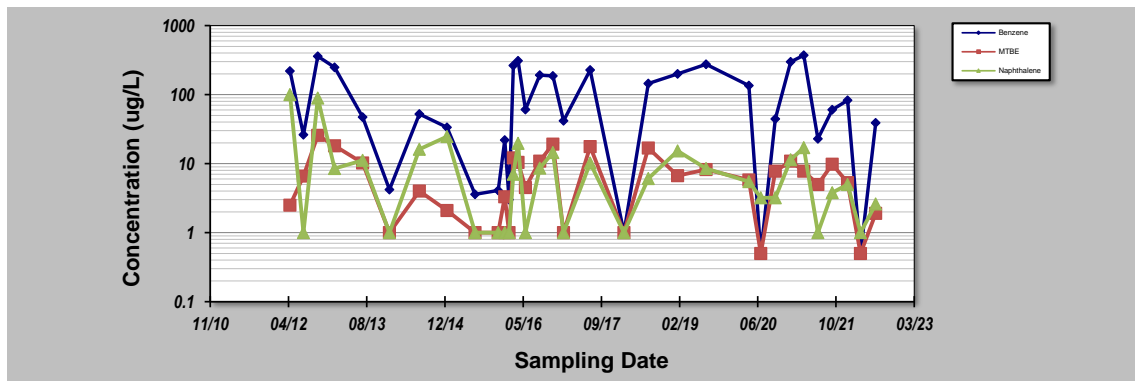
- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0); >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 13-Sep-22	Job ID: 05-056
Facility Name: RF-64	Sampling Point ID: MW-5R
Conducted By: AEC	Concentration Units: ug/L

Constituent	Benzene	MTBE	Naphthalene				
Sampling Event	Sampling Date	MW-5R CONCENTRATION (ug/L)					
1	4/11/2012	220	2.5	100.0			
2	7/6/2012	26.2	6.6	1.0			
3	10/5/2012	359	25.7	88.9			
4	1/21/2013	248	18.1	8.5			
5	7/19/2013	47.2	10.2	11.2			
6	1/6/2014	4.2	1.0	1.0			
7	7/17/2014	52.4	4.0	16.2			
8	1/9/2015	33.6	2.1	24.6			
9	7/8/2015	3.6	1.0	1.0			
10	12/3/2015	4.1	1.0	1.0			
11	1/14/2016	22.0	3.3	1.0			
12	2/10/2016	3.0	1.0	1.0			
13	3/9/2016	265	12.1	7.0			
14	4/8/2016	309	10.4	19.7			
15	5/25/2016	61	4.5	1.0			
16	8/25/2016	191	10.9	8.6			
17	11/16/2016	187	19.2	14.5			
18	1/24/2017	41.8	1.0	1.0			
19	7/13/2017	228	17.7	10.2			
20	2/13/2018	1.0	1.0	1.0			
21	7/19/2018	145	16.8	6.1			
22	1/22/2019	200	6.7	15.3			
23	7/24/2019	276	8.2	8.5			
24	4/22/2020	135	5.8	5.5			
25	7/7/2020	0.5	0.5	3.2			
26	10/8/2020	44.5	7.8	3.2			
27	1/14/2021	299.0	10.9	11.4			
28	4/8/2021	371	7.8	17.1			
29	7/7/2021	22.9	5.0	1.0			
30	10/7/2021	60.2	9.8	3.8			
31	1/13/2022	82.6	5.3	5.0			
32	4/6/2022	0.5	0.5	1.0			
33	7/12/2022	39.0	1.9	2.6			
34							
35							
Coefficient of Variation:	0.99	0.88	1.82				
Mann-Kendall Statistic (S):	-17	-34	-69				
Confidence Factor:	59.7%	69.4%	85.3%				
Concentration Trend:	Stable	Stable	No Trend				



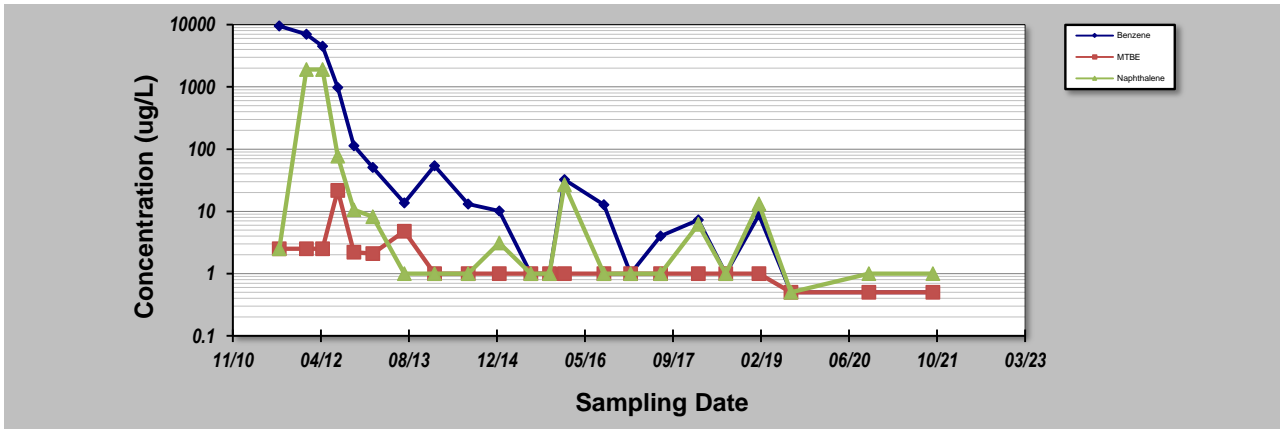
- Notes:**
- At least four independent sampling events per well are required for calculating the trend. Methodology is valid for 4 to 40 samples.
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S=0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 13-Sep-22	Job ID: 05-056
Facility Name: RF-64	Sampling Point ID: MW-7R
Conducted By: AEC	Concentration Units: ug/L

Constituent	Benzene	MTBE	Naphthalene				
Sampling Event	MW-7R CONCENTRATION (ug/L)						
1	8/9/2011	9,500	2.5	2.5			
2	1/10/2012	7,000	2.5	1900.0			
3	4/11/2012	4,500	2.5	1900.0			
4	7/6/2012	978	21.7	77.0			
5	10/5/2012	113	2.2	10.6			
6	1/21/2013	50.8	2.1	8.2			
7	7/19/2013	13.7	4.8	1.0			
8	1/6/2014	53.9	1.0	1.0			
9	7/17/2014	13.1	1.0	1.0			
10	1/9/2015	10.1	1.0	3.1			
11	7/8/2015	1.0	1.0	1.0			
12	10/21/2015	1.0	1.0	1.0			
13	1/14/2016	32.2	1.0	26.7			
14	8/25/2016	12.8	1.0	1.0			
15	1/24/2017	1.0	1.0	1.0			
16	7/13/2017	4.0	1.0	1.0			
17	2/13/2018	7.3	1.0	6.2			
18	7/19/2018	1.0	1.0	1.0			
19	1/23/2019	8.8	1.0	13.2			
20	7/24/2019	0.5	0.5	0.5			
21	10/8/2020	0.5	0.5	1.0			
22	10/7/2021	0.5	0.5	1.0			
23							
24							
25							
Coefficient of Variation:	2.53	1.88	3.10				
Mann-Kendall Statistic (S):	-176	-143	-87				
Confidence Factor:	>99.9%	>99.9%	99.3%				
Concentration Trend:	Decreasing	Decreasing	Decreasing				



Notes:

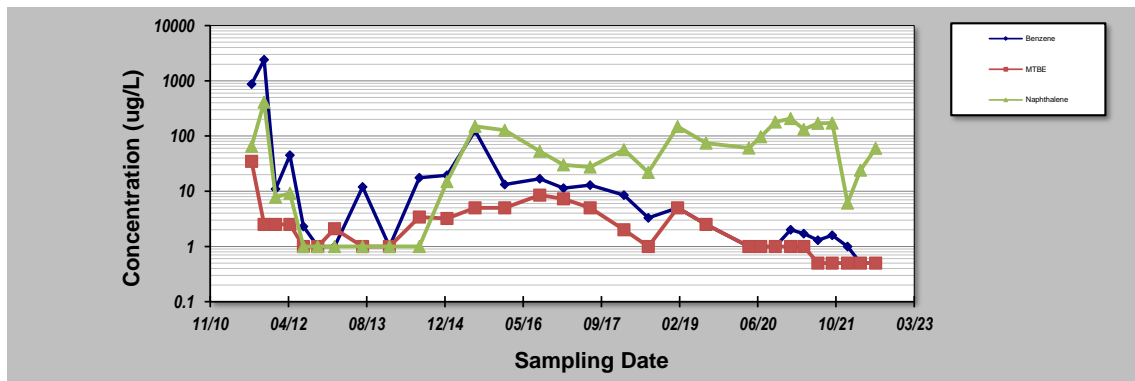
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
- Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 13-Sep-22	Job ID: 05-056
Facility Name: RF-64	Sampling Point ID: MW-8R
Conducted By: AEC	Concentration Units: ug/L

Constituent	Benzene	MTBE	Naphthalene		
Sampling Event	MW-8R CONCENTRATION (ug/L)				
1	870	34.8	64.8		
2	2,400	2.5	410.0		
3	11	2.5	7.8		
4	45	2.5	9.2		
5	2.3	1.0	1.0		
6	1.0	1.0	1.0		
7	1.0	2.1	1.0		
8	12	1.0	1.0		
9	1.0	1.0	1.0		
10	17.6	3.4	1.0		
11	19.4	3.2	15.0		
12	125.0	5.0	150.0		
13	13.2	5.0	127.0		
14	16.9	8.5	53.0		
15	11.4	7.3	30.1		
16	12.9	5.0	27.3		
17	8.5	2.0	56.8		
18	3.3	1.0	21.9		
19	5.0	5.0	149.0		
20	2.5	2.5	74.6		
21	1.0	1.0	60.4		
22	1.0	1.0	97.0		
23	1.0	1.0	180		
24	2.0	1.0	207		
25	1.7	1.0	132		
26	1.3	0.5	170		
27	1.6	0.5	172		
28	1.0	0.5	6.1		
29	0.5	0.5	24.2		
30	0.5	0.5	60.1		
31					
32					
33					
34					
35					
Coefficient of Variation:	3.83	1.82	1.17		
Mann-Kendall Statistic (S):	-223	-178	140		
Confidence Factor:	>99.9%	99.9%	99.4%		
Concentration Trend:	Decreasing	Decreasing	Increasing		



Notes:

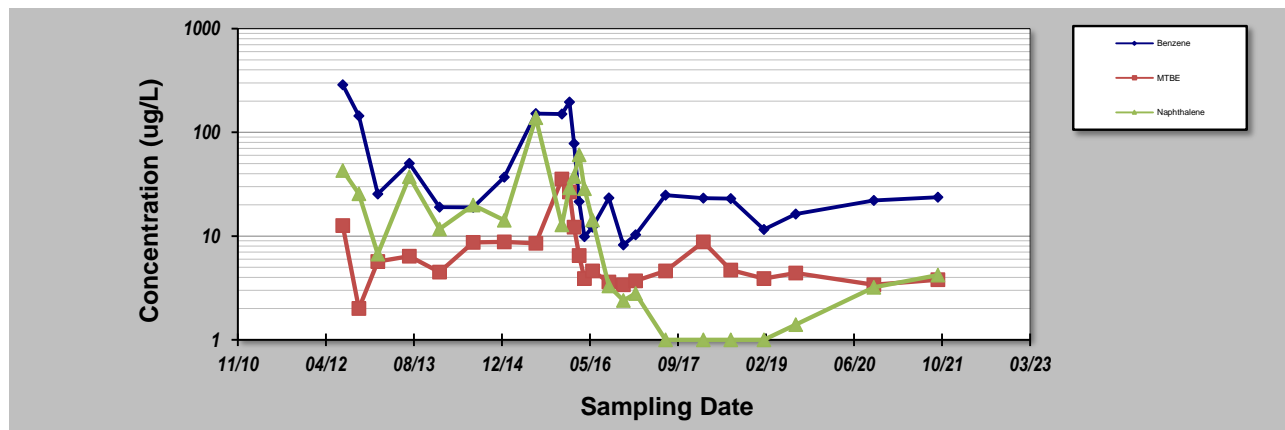
1. At least four independent sampling events per well are required for calculating the trend. Methodology is valid for 4 to 40 samples.
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S=0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 13-Sep-22	Job ID: 05-056
Facility Name: RF-64	Sampling Point ID: MW-14
Conducted By: AEC	Concentration Units: ug/L

Constituent	Benzene	MTBE	Naphthalene		
Sampling Event	Sampling Date	MW-14 CONCENTRATION (ug/L)			
1	7/6/2012	287.0	12.6	42.8	
2	10/5/2012	144.0	2.0	25.6	
3	1/21/2013	25.5	5.7	6.7	
4	7/19/2013	50.3	6.4	37.3	
5	1/6/2014	19.0	4.5	11.7	
6	7/17/2014	18.9	8.7	19.9	
7	1/9/2015	36.9	8.8	14.2	
8	7/8/2015	152	8.5	138.0	
9	12/3/2015	150	35.4	12.8	
10	1/14/2016	196	26.6	29.2	
11	2/10/2016	78.1	12.2	37.5	
12	3/9/2016	21.5	6.5	60.6	
13	4/8/2016	9.9	3.9	28.7	
14	5/25/2016	12.2	4.6	14.3	
15	8/25/2016	23.3	3.6	3.3	
16	11/16/2016	8.2	3.4	2.4	
17	1/24/2017	10.3	3.7	2.8	
18	7/13/2017	24.8	4.6	1.0	
19	2/13/2018	23.2	8.8	1.0	
20	7/19/2018	23	4.7	1.0	
21	1/23/2019	11.6	3.9	1.0	
22	7/23/2019	16.3	4.4	1.4	
23	10/8/2020	22.1	3.4	3.2	
24	10/7/2021	23.7	3.8	4.2	
25					
Coefficient of Variation:	1.26	0.97	1.43		
Mann-Kendall Statistic (S):	-94	-80	-128		
Confidence Factor:	99.0%	97.5%	99.9%		
Concentration Trend:	Decreasing	Decreasing	Decreasing		



Notes:

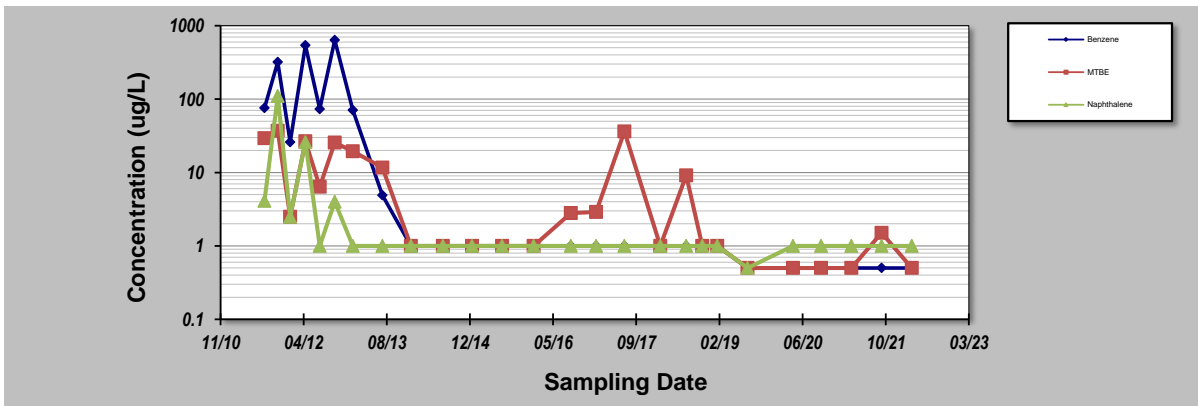
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
- Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 13-Sep-22	Job ID: 05-056
Facility Name: RF-64	Sampling Point ID: MW-15
Conducted By: AEC	Concentration Units: ug/L

Constituent	Benzene	MTBE	Naphthalene			
Sampling Event	Sampling Date	MW-15 CONCENTRATION (ug/L)				
1	8/9/2011	75.5	29.3	4.1		
2	10/28/2011	320.0	37.0	110.0		
3	1/10/2012	26.0	2.5	2.5		
4	4/11/2012	540.0	26.6	26.0		
5	7/6/2012	73.1	6.4	1.0		
6	10/5/2012	637.0	25.6	4.0		
7	1/21/2013	70.9	19.4	1.0		
8	7/19/2013	4.9	11.7	1.0		
9	1/6/2014	1.0	1.0	1.0		
10	7/17/2014	1.0	1.0	1.0		
11	1/9/2015	1.0	1.0	1.0		
12	7/8/2015	1.0	1.0	1.0		
13	1/14/2016	1.0	1.0	1.0		
14	8/25/2016	1.0	2.8	1.0		
15	1/24/2017	1.0	2.9	1.0		
16	7/13/2017	1.0	36.2	1.0		
17	2/13/2018	1.0	1.0	1.0		
18	7/19/2018	1.0	9.1	1.0		
19	10/24/2018	1.0	1.0	1.0		
20	1/22/2019	1.0	1.0	1.0		
21	7/24/2019	0.5	0.5	0.5		
22	4/22/2020	0.5	0.5	1.0		
23	10/8/2020	0.5	0.5	1.0		
24	4/8/2021	0.5	0.5	1.0		
25	10/7/2021	0.5	1.5	1.0		
26	4/6/2022	0.5	0.5	1.0		
27						
28						
29						
30						
Coefficient of Variation:	2.46	1.73	3.76			
Mann-Kendall Statistic (S):	-222	-381	-155			
Confidence Factor:	>99.9%	>99.9%	98.3%			
Concentration Trend:	Decreasing	Decreasing	Decreasing			



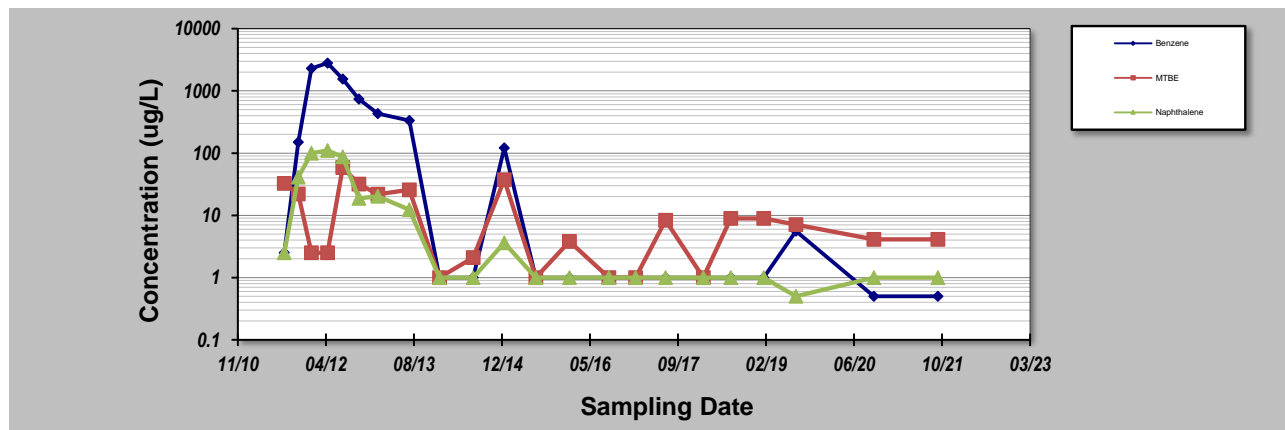
- Notes:**
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 13-Sep-22	Job ID: 05-056
Facility Name: RF-64	Sampling Point ID: MW-16
Conducted By: AEC	Concentration Units: ug/L

Constituent	Benzene	MTBE	Naphthalene				
Sampling Event	MW-16 CONCENTRATION (ug/L)						
Sampling Date							
1	8/9/2011	2.5	32.5	2.5			
2	10/28/2011	150	22.0	41.0			
3	1/10/2012	2,300	2.5	100.0			
4	4/11/2012	2,800	2.5	110.0			
5	7/6/2012	1,550	58.5	86.7			
6	10/5/2012	736	31.8	18.7			
7	1/21/2013	432	21.8	20.2			
8	7/19/2013	335	25.7	12.3			
9	1/6/2014	1.0	1.0	1.0			
10	7/17/2014	1.0	2.1	1.0			
11	1/9/2015	121	37.4	3.6			
12	7/8/2015	1.0	1.0	1.0			
13	1/14/2016	1.0	3.8	1.0			
14	8/25/2016	1.0	1.0	1.0			
15	1/24/2017	1.0	1.0	1.0			
16	7/13/2017	1.0	8.3	1.0			
17	2/13/2018	1.0	1.0	1.0			
18	7/19/2018	1.0	8.9	1.0			
19	1/22/2019	1.0	8.9	1.0			
20	7/24/2019	5.6	7.1	0.5			
21	10/8/2020	0.5	4.1	1.0			
22	10/7/2021	0.5	4.1	1.0			
23							
24							
25							
Coefficient of Variation:	2.06	1.20	1.85				
Mann-Kendall Statistic (S):	-129	-52	-131				
Confidence Factor:	>99.9%	92.4%	>99.9%				
Concentration Trend:	Decreasing	Prob. Decreasing	Decreasing				



Notes:

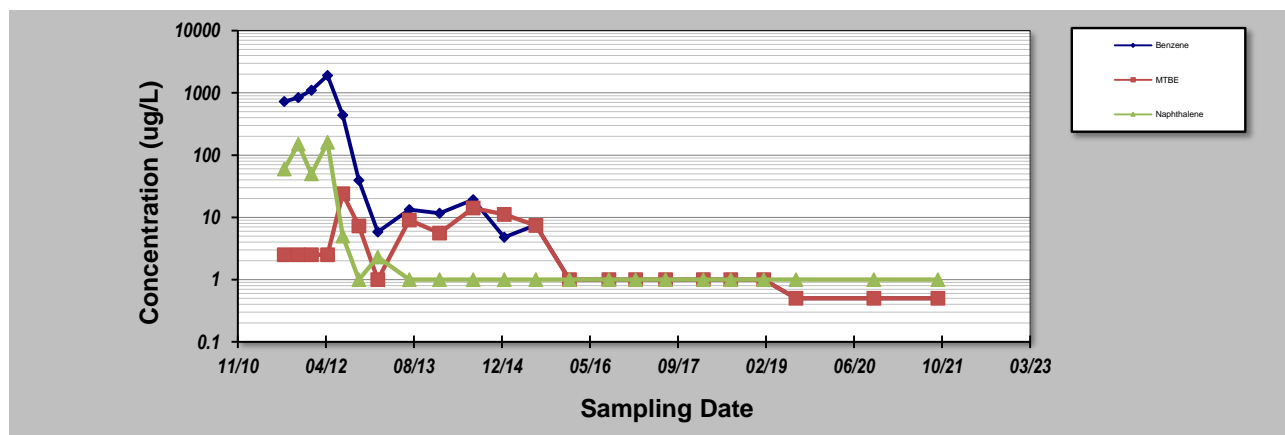
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 13-Sep-22	Job ID: 05-056
Facility Name: RF-64	Sampling Point ID: MW-17
Conducted By: AEC	Concentration Units: ug/L

Constituent	Benzene	MTBE	Naphthalene				
Sampling Event	Sampling Date	MW-17 CONCENTRATION (ug/L)					
1	8/9/2011	728	2.5	59.9			
2	10/28/2011	840	2.5	150.0			
3	1/10/2012	1,100	2.5	50.0			
4	4/11/2012	1,900	2.5	160.0			
5	7/6/2012	438	23.9	5.0			
6	10/5/2012	39.3	7.3	1.0			
7	1/21/2013	5.8	1.0	2.3			
8	7/19/2013	13.3	9.1	1.0			
9	1/6/2014	11.6	5.6	1.0			
10	7/17/2014	19.2	14.1	1.0			
11	1/9/2015	4.8	11.1	1.0			
12	7/8/2015	7.5	7.4	1.0			
13	1/14/2016	1.0	1.0	1.0			
14	8/25/2016	1.0	1.0	1.0			
15	1/24/2017	1.0	1.0	1.0			
16	7/13/2017	1.0	1.0	1.0			
17	2/13/2018	1.0	1.0	1.0			
18	7/19/2018	1.0	1.0	1.0			
19	1/22/2019	1.0	1.0	1.0			
20	7/24/2019	0.5	0.5	1.0			
21	10/8/2020	0.5	0.5	1.0			
22	10/7/2021	0.5	0.5	1.0			
23							
24							
25							
Coefficient of Variation:	2.11	1.31	2.31				
Mann-Kendall Statistic (S):	-181	-110	-101				
Confidence Factor:	>99.9%	99.9%	99.8%				
Concentration Trend:	Decreasing	Decreasing	Decreasing				



Notes:

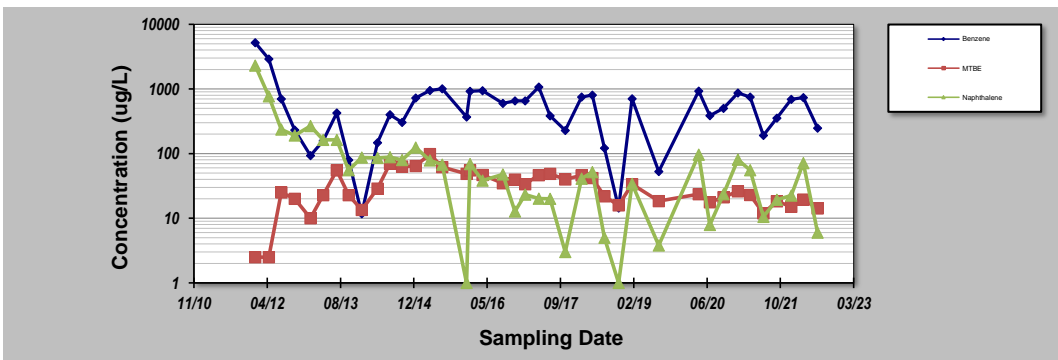
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 13-Sep-22	Job ID: 05-056
Facility Name: RF-64	Sampling Point ID: MW-21
Conducted By: AEC	Concentration Units: ug/L

Constituent	Benzene	MTBE	Naphthalene			
Sampling Event	Sampling Date	MW-21 CONCENTRATION (ug/L)				
1	1/10/2012	5,200	2.5	2300.0		
2	4/11/2012	2,900	2.5	770.0		
3	7/6/2012	702	25.0	237.0		
4	10/5/2012	232	20.0	191.0		
5	1/21/2013	93	10.0	267.0		
6	4/17/2013	158	22.8	163.0		
7	7/19/2013	427	54.9	163.0		
8	10/8/2013	79.6	22.8	55.6		
9	1/6/2014	11.7	13.5	86.9		
10	4/23/2014	147	28.8	86.0		
11	7/17/2014	399	69.9	88.0		
12	10/8/2014	305	63.3	79.8		
13	1/9/2015	728	64.3	124.0		
14	4/15/2015	945	98.3	78.4		
15	7/8/2015	1010	62.0	67.4		
16	12/21/2015	369	48.6	1.0		
17	1/14/2016	919	55.1	68.9		
18	4/8/2016	940	46.6	38.3		
19	8/25/2016	598	34.8	47.6		
20	11/16/2016	653	39.7	12.7		
21	1/24/2017	655	33.6	23.2		
22	4/27/2017	1070	46.5	20.1		
23	7/13/2017	384	48.8	20.0		
24	10/25/2017	229	39.9	3.0		
25	2/13/2018	749	46.1	41.1		
26	4/27/2018	805	42.0	51.6		
27	7/19/2018	122	21.8	5.0		
28	10/24/2018	14.4	15.9	1.0		
29	1/23/2019	705	33.7	34.0		
30	7/24/2019	52.8	18.4	3.8		
31	4/22/2020	931	23.6	96.2		
32	7/7/2020	387	17.7	7.9		
33	10/8/2020	500	21.2	23.6		
34	1/14/2021	869	26.2	80.9		
35	4/8/2021	751	22.9	55.4		
36	7/7/2021	191	11.9	10.5		
37	10/7/2021	355	18.3	19.3		
38	1/13/2022	693	15.1	22.4		
39	4/6/2022	734	19.5	71.3		
40	7/12/2022	248	14.2	6.0		
Coefficient of Variation:	1.31	0.61	2.67			
Mann-Kendall Statistic (S):	1	-107	-387			
Confidence Factor:	50.0%	90.8%	>99.9%			
Concentration Trend:	No Trend	Prob. Decreasing	Decreasing			



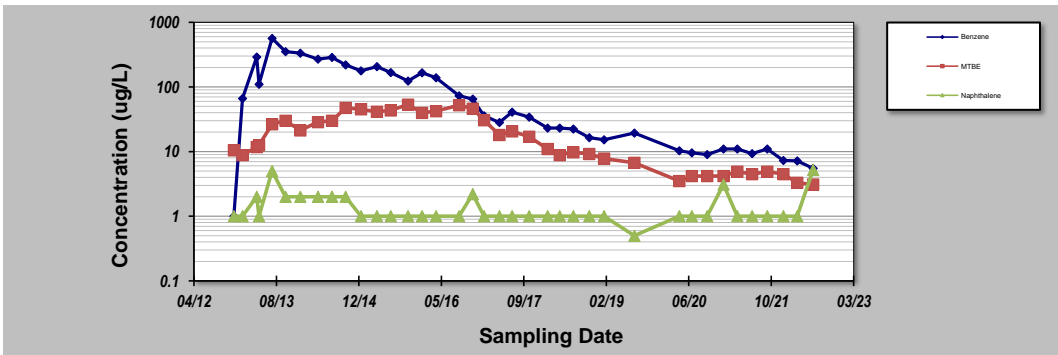
- Notes:**
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 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 13-Sep-22	Job ID: 05-056
Facility Name: RF-64	Sampling Point ID: MW-23
Conducted By: AEC	Concentration Units: ug/L

Constituent	Benzene	MTBE	Naphthalene			
Sampling Event	MW-23 CONCENTRATION (ug/L)					
Sampling Date						
1	11/29/2012	1.0	10.5	1.0		
2	1/21/2013	66.3	8.8	1.0		
3	4/17/2013	290	11.8	2.0		
4	4/30/2013	110	12.6	1.0		
5	7/19/2013	566	26.6	5.0		
6	10/8/2013	352	30.0	2.0		
7	1/6/2014	334	21.4	2.0		
8	4/23/2014	269	28.6	2.0		
9	7/17/2014	287	30.1	2.0		
10	10/8/2014	219	47.5	2.0		
11	1/9/2015	178	45.2	1.0		
12	4/15/2015	207	41.3	1.0		
13	7/8/2015	167	43.3	1.0		
14	10/21/2015	124	53.5	1.0		
15	1/14/2016	166	39.7	1.0		
16	4/8/2016	139	42.4	1.0		
17	8/25/2016	73	52.1	1.0		
18	11/16/2016	65	46.2	2.2		
19	1/24/2017	35.8	30.7	1.0		
20	4/27/2017	28.2	18.1	1.0		
21	7/13/2017	40.9	20.6	1.0		
22	10/25/2017	34.2	17.0	1.0		
23	2/13/2018	23.2	11.0	1.0		
24	4/27/2018	23.1	8.8	1.0		
25	7/19/2018	22.4	9.8	1.0		
26	10/24/2018	16.5	9.2	1.0		
27	1/22/2019	15.3	7.8	1.0		
28	7/24/2019	19.4	6.7	0.5		
29	4/22/2020	10.3	3.5	1.0		
30	7/7/2020	9.6	4.2	1.0		
31	10/8/2020	9.0	4.2	1.0		
32	1/14/2021	11.0	4.2	3.1		
33	4/8/2021	11.0	4.9	1.0		
34	7/7/2021	9.3	4.5	1.0		
35	10/7/2021	11.0	4.9	1.0		
36	1/13/2022	7.3	4.5	1.0		
37	4/6/2022	7.2	3.3	1.0		
38	7/12/2022	5.5	3.1	5.2		
39						
40						
Coefficient of Variation:	1.25	0.82	0.70			
Mann-Kendall Statistic (S):	-526	-339	-113			
Confidence Factor:	>99.9%	>99.9%	92.0%			
Concentration Trend:	Decreasing	Decreasing	Prob. Decreasing			



Notes:

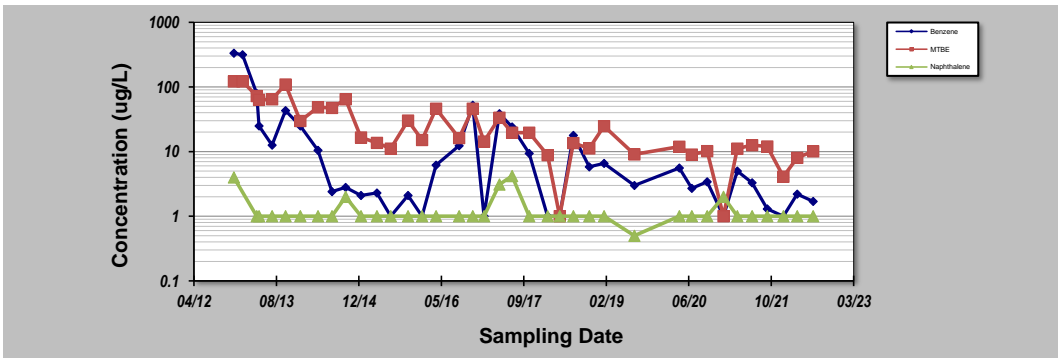
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 13-Sep-22	Job ID: 05-056
Facility Name: RF-64	Sampling Point ID: MW-24
Conducted By: AEC	Concentration Units: ug/L

Constituent	Benzene	MTBE	Naphthalene			
Sampling Event	MW-24 CONCENTRATION (ug/L)					
Sampling Date						
1	11/29/2012	333	122.0	4.0		
2	1/21/2013	316.0	122.0			
3	4/17/2013	79.1	72.8	1.0		
4	4/30/2013	25.0	63.1	1.0		
5	7/19/2013	12.6	64.6	1.0		
6	10/8/2013	43.1	109.0	1.0		
7	1/6/2014	24.9	29.8	1.0		
8	4/23/2014	10.5	48.3	1.0		
9	7/17/2014	2.4	47.5	1.0		
10	10/8/2014	2.8	64.8	2.0		
11	1/9/2015	2.1	16.6	1.0		
12	4/15/2015	2.3	13.7	1.0		
13	7/8/2015	1.0	11.1	1.0		
14	10/21/2015	2.1	30.3	1.0		
15	1/14/2016	1.0	15.1	1.0		
16	4/8/2016	6.2	46.3	1.0		
17	8/25/2016	12.3	16.2	1.0		
18	11/16/2016	52.3	46.2	1.0		
19	1/24/2017	1.0	14.3	1.0		
20	4/27/2017	38.6	33.5	3.1		
21	7/13/2017	24.1	19.7	4.2		
22	10/25/2017	9.4	19.6	1.0		
23	2/13/2018	1.0	8.8	1.0		
24	4/27/2018	1.0	1.0	1.0		
25	7/19/2018	17.9	13.6	1.0		
26	10/24/2018	5.8	11.2	1.0		
27	1/22/2019	6.6	24.8	1.0		
28	7/24/2019	3.0	9.1	0.5		
29	4/22/2020	5.6	11.9	1.0		
30	7/7/2020	2.7	9.0	1.0		
31	10/8/2020	3.4	10.2	1.0		
32	1/14/2021	1.0	1.0	2.0		
33	4/8/2021	5.0	11.1	1.0		
34	7/7/2021	3.3	12.6	1.0		
35	10/7/2021	1.3	12.0	1.0		
36	1/13/2022	1.0	4.1	1.0		
37	4/6/2022	2.2	8.0	1.0		
38	7/12/2022	1.7	10.1	1.0		
39						
40						
Coefficient of Variation:	2.60	1.03	0.64			
Mann-Kendall Statistic (S):	-279	-452	-44			
Confidence Factor:	>99.9%	>99.9%	71.2%			
Concentration Trend:	Decreasing	Decreasing	Stable			



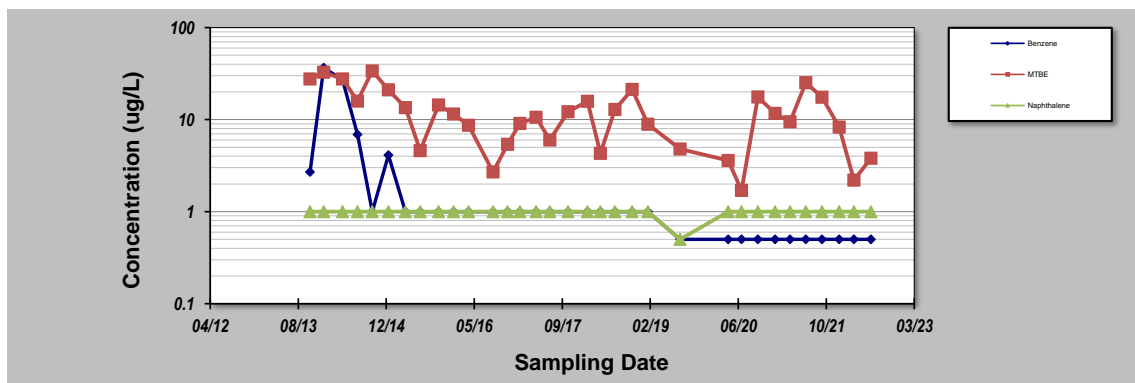
- Notes:**
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 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 13-Sep-22	Job ID: 05-056
Facility Name: RF-64	Sampling Point ID: MW-26
Conducted By: AEC	Concentration Units: ug/L

Constituent	Benzene	MTBE	Naphthalene		
Sampling Event	MW-26 CONCENTRATION (ug/L)				
Sampling Date					
1	10/20/2013	2.7	27.6	1.0	
2	1/6/2014	36.7	32.8	1.0	
3	4/23/2014	26.9	27.7	1.0	
4	7/17/2014	6.9	15.9	1.0	
5	10/8/2014	1.0	33.8	1.0	
6	1/9/2015	4.1	21.1	1.0	
7	4/15/2015	1.0	13.5	1.0	
8	7/8/2015	1.0	4.6	1.0	
9	10/21/2015	1.0	14.4	1.0	
10	1/14/2016	1.0	11.5	1.0	
11	4/8/2016	1.0	8.7	1.0	
12	8/25/2016	1.0	2.7	1.0	
13	11/16/2016	1.0	5.4	1.0	
14	1/24/2017	1.0	9.1	1.0	
15	4/27/2017	1.0	10.6	1.0	
16	7/13/2017	1.0	6.0	1.0	
17	10/25/2017	1.0	12.2	1.0	
18	2/13/2018	1.0	15.8	1.0	
19	4/27/2018	1.0	4.3	1.0	
20	7/19/2018	1.0	12.9	1.0	
21	10/24/2018	1.0	21.3	1.0	
22	1/22/2019	1.0	8.9	1.0	
23	7/24/2019	0.5	4.8	0.5	
24	4/22/2020	0.5	3.6	1.0	
25	7/7/2020	0.5	1.7	1.0	
26	10/8/2020	0.5	17.6	1.0	
27	1/14/2021	0.5	11.7	1.0	
28	4/8/2021	0.5	9.5	1.0	
29	7/7/2021	0.5	25.2	1.0	
30	10/7/2021	0.5	17.5	1.0	
31	1/13/2022	0.5	8.3	1.0	
32	4/6/2022	0.5	2.2	1.0	
33	7/12/2022	0.5	3.8	1.0	
34					
35					
Coefficient of Variation:	2.52	0.69	0.09		
Mann-Kendall Statistic (S):	-327	-164	-12		
Confidence Factor:	>99.9%	99.5%	56.7%		
Concentration Trend:	Decreasing	Decreasing	Stable		



Notes:

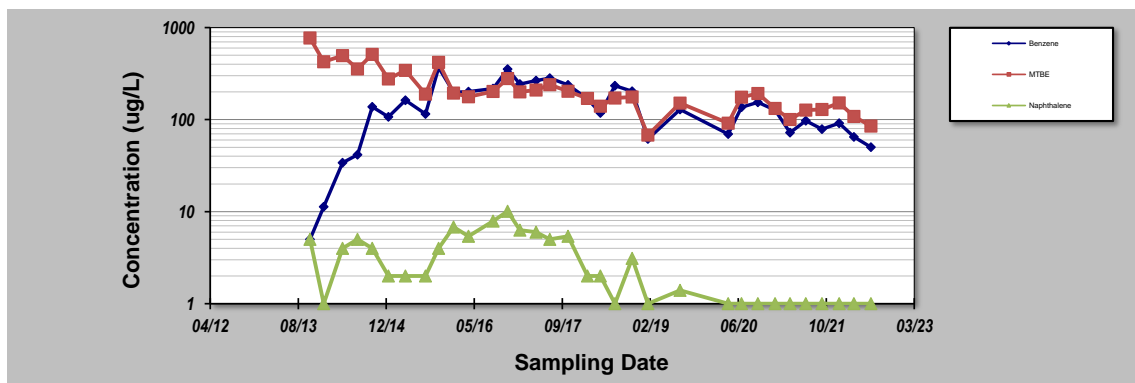
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 13-Sep-22	Job ID: 05-056
Facility Name: RF-64	Sampling Point ID: MW-27
Conducted By: AEC	Concentration Units: ug/L

Constituent	Benzene	MTBE	Naphthalene		
Sampling Event	MW-27 CONCENTRATION (ug/L)				
Sampling Date					
1	10/20/2013	5.0	769.0	5.0	
2	1/6/2014	11.3	425.0	1.0	
3	4/23/2014	34.0	497.0	4.0	
4	7/17/2014	41.6	355.0	5.0	
5	10/9/2014	138	512.0	4.0	
6	1/8/2015	107	277.0	2.0	
7	4/15/2015	162	343.0	2.0	
8	8/7/2015	115	189.0	2.0	
9	10/21/2015	368	418.0	4.0	
10	1/14/2016	198	194.0	6.8	
11	4/8/2016	201	177.0	5.4	
12	8/25/2016	217	202.0	7.9	
13	11/16/2016	353	280.0	10.1	
14	1/24/2017	243	200.0	6.3	
15	4/27/2017	265	210.0	6.0	
16	7/13/2017	282	239	5.0	
17	10/25/2017	238	203	5.4	
18	2/13/2018	168	170	2.0	
19	4/27/2018	118	140	2.0	
20	7/19/2018	234	172	1.0	
21	10/24/2018	203	176	3.1	
22	1/22/2019	61.5	67.8	1.0	
23	7/24/2019	129	151	1.4	
24	4/22/2020	69.7	91.3	1.0	
25	7/7/2020	136	175	1.0	
26	10/8/2020	154	192	1.0	
27	1/14/2021	127	132	1.0	
28	4/8/2021	72.2	100	1.0	
29	7/7/2021	97.0	127	1.0	
30	10/7/2021	78.6	129	1.0	
31	1/13/2022	91.4	152	1.0	
32	4/6/2022	64.8	108	1.0	
33	7/12/2022	50.1	85.3	1.0	
34					
35					
Coefficient of Variation:	0.63	0.65	0.79		
Mann-Kendall Statistic (S):	-44	-360	-231		
Confidence Factor:	74.6%	>99.9%	>99.9%		
Concentration Trend:	Stable	Decreasing	Decreasing		



Notes:

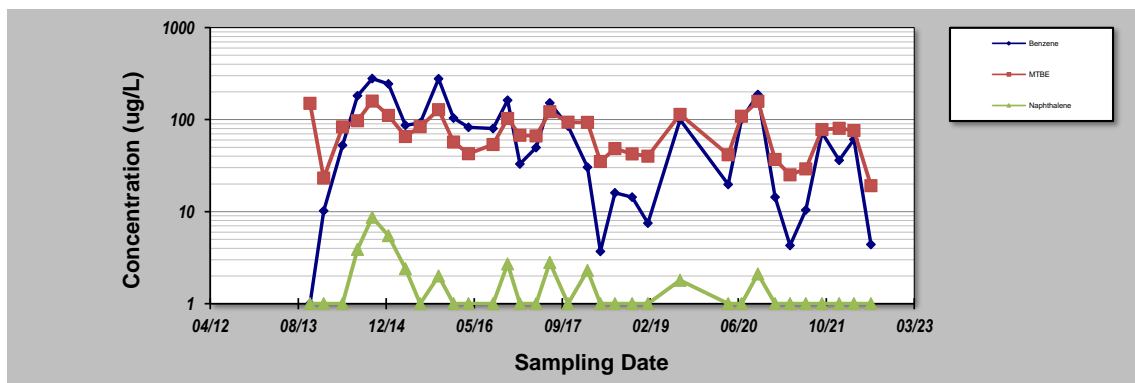
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 13-Sep-22	Job ID: 05-056
Facility Name: RF-64	Sampling Point ID: MW-28
Conducted By: AEC	Concentration Units: ug/L

Constituent	Benzene	MTBE	Naphthalene		
Sampling Event	MW-28 CONCENTRATION (ug/L)				
Sampling Date					
1	10/20/2013	1.0	150.0	1.0	
2	1/6/2014	10.2	23.1	1.0	
3	4/23/2014	52.7	83.4	1.0	
4	7/17/2014	182.0	97.0	3.9	
5	10/9/2014	279.0	159.0	8.7	
6	1/8/2015	244	111.0	5.5	
7	4/15/2015	86.8	65.6	2.4	
8	7/8/2015	92.1	83.8	1.0	
9	10/21/2015	278	128.0	2.0	
10	1/14/2016	104	57.1	1.0	
11	4/8/2016	82.5	42.5	1.0	
12	8/25/2016	80.1	53.7	1.0	
13	11/16/2016	162	103.0	2.7	
14	1/24/2017	32.9	67.6	1.0	
15	4/27/2017	49.6	66.5	1.0	
16	7/13/2017	152	122	2.8	
17	10/25/2017	85.1	93.9	1.0	
18	2/13/2018	30.4	93.2	2.3	
19	4/27/2018	3.7	35.0	1.0	
20	7/19/2018	16.0	48.4	1.0	
21	10/24/2018	14.4	42.4	1.0	
22	1/22/2019	7.5	40.0	1.0	
23	7/24/2019	99.7	114	1.8	
24	4/22/2020	19.8	41.6	1.0	
25	7/7/2020	101	109	1.0	
26	10/8/2020	187	158	2.1	
27	1/14/2021	14.4	36.9	1.0	
28	4/8/2021	4.3	25.1	1.0	
29	7/7/2021	10.4	29.1	1.0	
30	10/7/2021	72.1	78.1	1.0	
31	1/13/2022	36.2	80.6	1.0	
32	4/6/2022	60.9	76.2	1.0	
33	7/12/2022	4.4	19.2	1.0	
34					
35					
Coefficient of Variation:	0.99	0.52	0.93		
Mann-Kendall Statistic (S):	-137	-140	-111		
Confidence Factor:	98.3%	98.5%	95.6%		
Concentration Trend:	Decreasing	Decreasing	Decreasing		



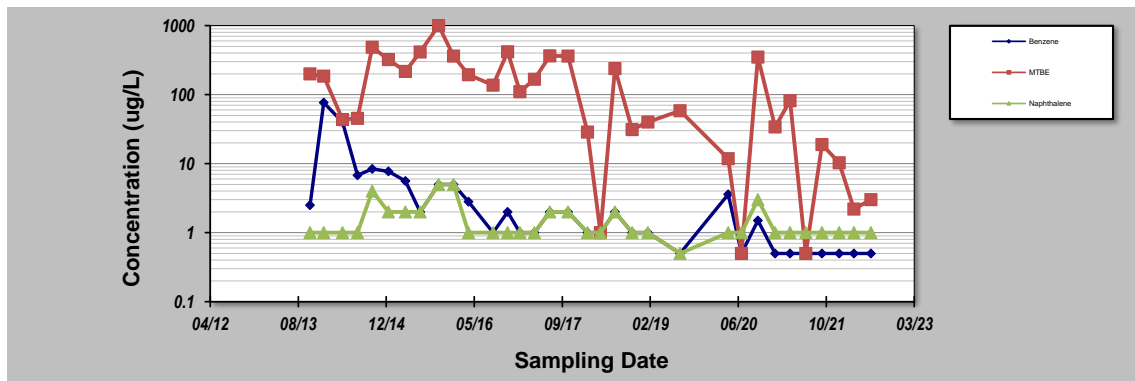
- Notes:**
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 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 13-Sep-22	Job ID: 05-056
Facility Name: RF-64	Sampling Point ID: MW-29
Conducted By: AEC	Concentration Units: ug/L

Constituent	Benzene	MTBE	Naphthalene		
Sampling Event	Sampling Date	MW-29 CONCENTRATION (ug/L)			
1	10/20/2013	2.5	200.0	1.0	
2	1/6/2014	76.5	185.0	1.0	
3	4/23/2014	39.8	43.4	1.0	
4	7/17/2014	6.8	45.3	1.0	
5	10/9/2014	8.4	485.0	4.0	
6	1/8/2015	7.7	323.0	2.0	
7	4/15/2015	5.6	216.0	2.0	
8	7/8/2015	2.0	416.0	2.0	
9	10/21/2015	5.0	1000.0	5.0	
10	1/14/2016	5.0	361	5.0	
11	4/8/2016	2.8	194	1.0	
12	8/25/2016	1.0	137	1.0	
13	11/16/2016	2.0	418	1.0	
14	1/24/2017	1.0	110	1.0	
15	4/17/2017	1.0	167	1.0	
16	7/13/2017	2.0	365	2.0	
17	10/25/2017	2.0	361	2.0	
18	2/13/2018	1.0	28.7	1.0	
19	4/27/2018	1.0	1.0	1.0	
20	7/19/2018	2.0	238	2.0	
21	10/24/2018	1.0	31.1	1.0	
22	1/22/2019	1.0	40.2	1.0	
23	7/24/2019	0.5	58.2	0.5	
24	4/22/2020	3.6	11.8	1.0	
25	7/7/2020	0.5	0.5	1.0	
26	10/8/2020	1.5	350.0	3.0	
27	1/14/2021	0.5	34.0	1.0	
28	4/8/2021	0.5	81.6	1.0	
29	7/7/2021	0.5	0.5	1.0	
30	10/7/2021	0.5	18.9	1.0	
31	1/13/2022	0.5	10.3	1.0	
32	4/6/2022	0.5	2.2	1.0	
33	7/12/2022	0.5	3.0	1.0	
34					
35					
Coefficient of Variation:	2.56	1.17	0.72		
Mann-Kendall Statistic (S):	-360	-236	-97		
Confidence Factor:	>99.9%	>99.9%	93.1%		
Concentration Trend:	Decreasing	Decreasing	Prob. Decreasing		



Notes:

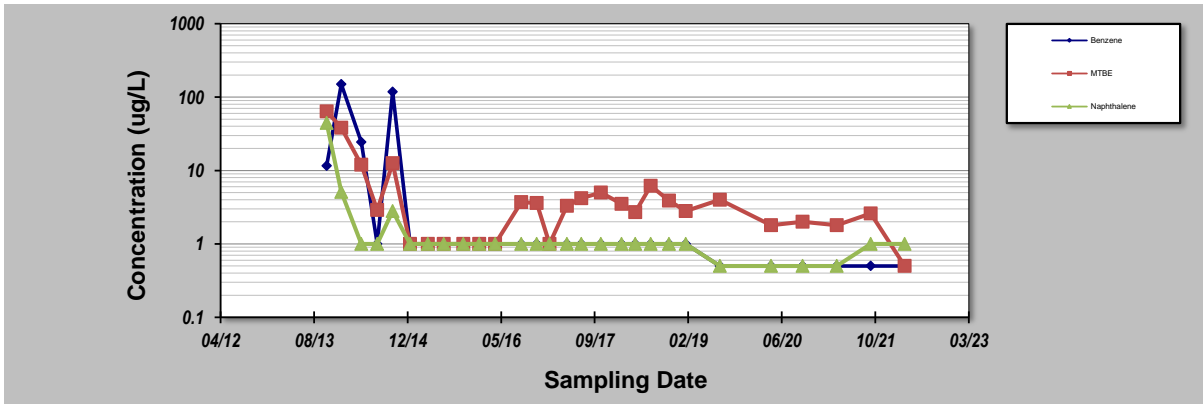
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3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 13-Sep-22	Job ID: 05-056
Facility Name: RF-64	Sampling Point ID: MW-30
Conducted By: AEC	Concentration Units: ug/L

Constituent	Benzene	MTBE	Naphthalene			
Sampling Event	Sampling Date	MW-30 CONCENTRATION (ug/L)				
1	10/20/2013	11.6	64.0	44.5		
2	1/6/2014	150	38.2	5.1		
3	4/23/2014	24.3	12.0	1.0		
4	7/17/2014	1.0	2.9	1.0		
5	10/8/2014	118	12.6	2.8		
6	1/9/2015	1.0	1.0	1.0		
7	4/15/2015	1.0	1.0	1.0		
8	7/8/2015	1.0	1.0	1.0		
9	10/21/2015	1.0	1.0	1.0		
10	1/14/2016	1.0	1.0	1.0		
11	4/8/2016	1.0	1.0	1.0		
12	8/25/2016	1.0	3.7	1.0		
13	11/16/2016	1.0	3.6	1.0		
14	1/24/2017	1.0	1.0	1.0		
15	4/27/2017	1.0	3.3	1.0		
16	7/13/2017	1.0	4.2	1.0		
17	10/25/2017	1.0	5.0	1.0		
18	2/13/2018	1.0	3.5	1.0		
19	4/27/2018	1.0	2.7	1.0		
20	7/19/2018	1.0	6.2	1.0		
21	10/24/2018	1.0	3.9	1.0		
22	1/22/2019	1.0	2.8	1.0		
23	7/24/2019	0.5	4.0	0.5		
24	4/22/2020	0.5	1.8	0.5		
25	10/8/2020	0.5	2.0	0.5		
26	4/8/2021	0.5	1.8	0.5		
27	10/7/2021	0.5	2.6	1.0		
28	4/6/2022	0.5	0.5	1.0		
29						
30						
Coefficient of Variation:	3.03	1.98	3.06			
Mann-Kendall Statistic (S):	-200	-64	-142			
Confidence Factor:	>99.9%	89.2%	99.8%			
Concentration Trend:	Decreasing	No Trend	Decreasing			



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
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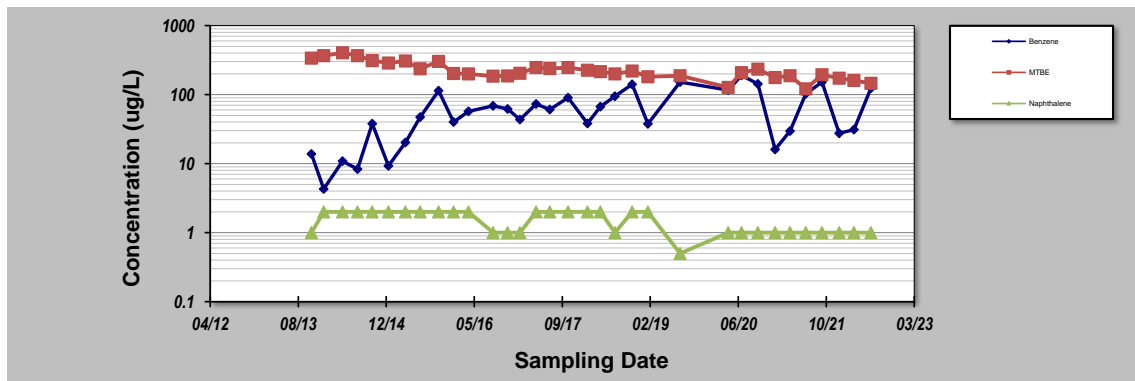
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 13-Sep-22	Job ID: 05-056
Facility Name: RF-64	Sampling Point ID: CMW-1
Conducted By: AEC	Concentration Units: ug/L

Constituent	Benzene	MTBE	Naphthalene				
Sampling Event	Sampling Date	CMW-1 CONCENTRATION (ug/L)					
1	10/28/2013	13.8	338.0	1.0			
2	1/6/2014	4.3	367.0	2.0			
3	4/23/2014	10.9	403.0	2.0			
4	7/17/2014	8.3	366.0	2.0			
5	10/9/2014	38.0	312.0	2.0			
6	1/8/2015	9.3	287.0	2.0			
7	4/15/2015	20.2	306.0	2.0			
8	7/8/2015	47.1	236.0	2.0			
9	10/21/2015	114	303.0	2.0			
10	1/14/2016	40.2	202.0	2.0			
11	4/8/2016	57.3	199.0	2.0			
12	8/25/2016	68.6	185.0	1.0			
13	11/16/2016	62.2	186.0	1.0			
14	1/24/2017	43.5	204.0	1.0			
15	4/27/2017	72.9	247.0	2.0			
16	7/13/2017	60.7	239.0	2.0			
17	10/25/2017	90.5	246.0	2.0			
18	2/13/2018	38.1	225.0	2.0			
19	4/27/2018	66.9	215.0	2.0			
20	7/19/2018	95.0	199.0	1.0			
21	10/24/2018	141	219.0	2.0			
22	1/22/2019	37.7	182.0	2.0			
23	7/24/2019	152	188	0.5			
24	4/22/2020	116	127	1.0			
25	7/7/2020	190	208	1.0			
26	10/8/2020	143	234	1.0			
27	1/14/2021	16	177	1.0			
28	4/8/2021	29.6	188	1.0			
29	7/7/2021	103	121	1.0			
30	10/7/2021	152	194	1.0			
31	1/13/2022	27.5	173	1.0			
32	4/6/2022	31.2	160	1.0			
33	7/12/2022	124	146	1.0			
34							
35							
Coefficient of Variation:	0.75	0.30	0.35				
Mann-Kendall Statistic (S):	213	-336	-187				
Confidence Factor:	>99.9%	>99.9%	99.8%				
Concentration Trend:	Increasing	Decreasing	Decreasing				



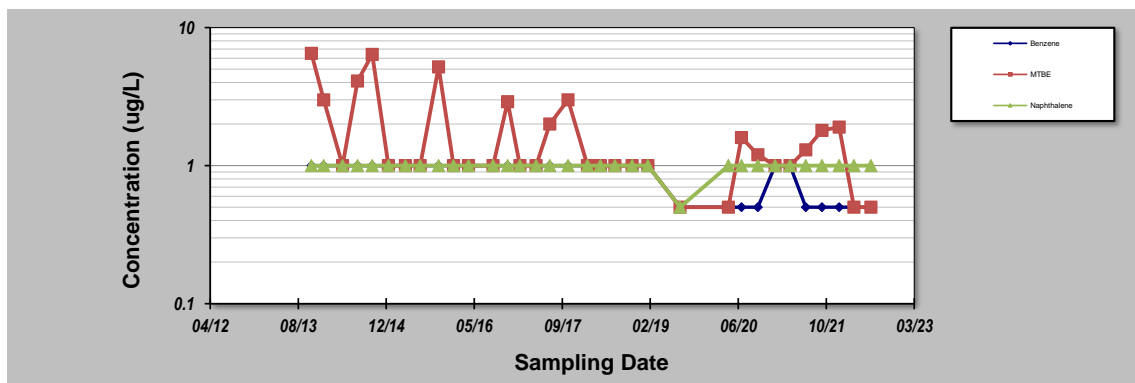
- Notes:**
- At least four independent sampling events per well are required for calculating the trend. Methodology is valid for 4 to 40 samples.
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 14-Sep-22	Job ID: 05-056
Facility Name: RF-64	Sampling Point ID: CMW-2
Conducted By: AEC	Concentration Units: ug/L

Constituent	Benzene	MTBE	Naphthalene		
Sampling Event	CMW-2 CONCENTRATION (ug/L)				
Sampling Date					
1	10/28/2013	1.0	6.5	1.0	
2	1/6/2014	1.0	3.0	1.0	
3	4/23/2014	1.0	1.0	1.0	
4	7/17/2014	1.0	4.1	1.0	
5	10/9/2014	1.0	6.4	1.0	
6	1/8/2015	1.0	1.0	1.0	
7	4/15/2015	1.0	1.0	1.0	
8	7/8/2015	1.0	1.0	1.0	
9	10/21/2015	1.0	5.2	1.0	
10	1/14/2016	1.0	1.0	1.0	
11	4/8/2016	1.0	1.0	1.0	
12	8/25/2016	1.0	1.0	1.0	
13	11/16/2016	1.0	2.9	1.0	
14	1/24/2017	1.0	1.0	1.0	
15	4/27/2017	1.0	1.0	1.0	
16	7/13/2017	1.0	2.0	1.0	
17	10/25/2017	1.0	3.0	1.0	
18	2/13/2018	1.0	1.0	1.0	
19	4/27/2018	1.0	1.0	1.0	
20	7/19/2018	1.0	1.0	1.0	
21	10/24/2018	1.0	1.0	1.0	
22	1/22/2019	1.0	1.0	1.0	
23	7/24/2019	0.5	0.5	0.5	
24	4/23/2020	0.5	0.5	1.0	
25	7/7/2020	0.5	1.6	1.0	
26	10/8/2020	0.5	1.2	1.0	
27	1/14/2021	1.0	1.0	1.0	
28	4/8/2021	1.0	1.0	1.0	
29	7/7/2021	0.5	1.3	1.0	
30	10/7/2021	0.5	1.8	1.0	
31	1/13/2022	0.5	1.9	1.0	
32	4/6/2022	0.5	0.5	1.0	
33	7/12/2022	0.5	0.5	1.0	
34					
35					
Coefficient of Variation:	0.26	0.90	0.09		
Mann-Kendall Statistic (S):	-200	-129	-12		
Confidence Factor:	99.9%	97.7%	56.7%		
Concentration Trend:	Decreasing	Decreasing	Stable		



Notes:

- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S=0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
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