Chesapeake GeoSciences, Inc.
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July 26, 2022

Mr. Matt Mueller
Maryland Department of the Environment
Oil Control Program
1800 Washington Boulevard
Baltimore, MD 21230

RE: **June 2022 Sampling Event**
George's Deli & Gas
602 Deer Park Road & 2139 Sykesville Road
Westminster, Maryland
MDE Case No. 2007-0096-CL
Administrative Consent Order OCP-081564
CGS Project No. CG-08-0348

Dear Mr. Mueller:

On behalf of the Country Side Trust, Chesapeake GeoSciences, Inc. (CGS) is pleased to submit this report which documents the methodology and results of the June 2022 Sampling Event performed at the George's Deli & Gas property located at 602 Deer Park Road in Westminster, Maryland ("Property") and the adjacent Victoria Farms property located at 2139 Sykesville Road ("Adjacent Property"). The two properties will be collectively referred to as the "Site" (**Figure 1**).

1.0 FIELD INVESTIGATION - METHODOLOGY AND FIELD OBSERVATIONS

1.1 Monitoring Well Gauging and Sampling

The monitoring well network at the Site is comprised of 17 groundwater monitoring wells: H-1A, H-3, H-4A, H-6, MW-1, MW-1A, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7A, MW-7B, MW-7R, the Lot 4 Well, the Lot 7 Well, and the Sentinel Well. Well construction, survey, and groundwater monitoring well gauging data for the wells are presented in **Table 1**. The well locations are shown in **Figure 2**.

Consistent with approvals specified in the October 12, 2018 and May 6, 2020 correspondence received from Ms. Ellen Jackson, Northern Region Supervisor at the Maryland Department of the Environment, Oil Control Program (MDE-OCP), 1) the frequency of groundwater sampling events at the Site was reduced from quarterly to semi-annually; and 2) the number of wells included in each groundwater sampling event was reduced from 17 to 12.

1.1.1 Monitoring Well Gauging

CGS gauged all 17 of the monitoring wells on June 6, 2022. The wells were gauged to determine the depth to groundwater using an electronic water level meter. Well gauging data are presented in **Table 1**.

1.1.2 Monitoring Well Sampling

CGS sampled 12 of the monitoring wells on June 6 through June 8, 2022 (i.e., all of the wells with the exception of H-3, H-4A, MW-3, MW-4, MW-5, MW-6, and the Lot 4 Well). The wells were purged before samples were collected according to low-flow methodology using a variable speed submersible pump and disposable tubing until stabilization of the monitored field parameters was achieved. Field parameters recorded during low-flow well purging included dissolved oxygen (DO), oxidation-reduction potential, conductivity, pH, and temperature. These field parameters were measured with a water quality meter using a flow-through cell. Turbidity was also measured using a separate meter. Samples were then collected from the submersible pump discharge stream. All down-well equipment and supplies were decontaminated prior to use in each well.

Quality Assurance/Quality Control (QA/QC) samples that were collected included one duplicate groundwater sample, collected from the Lot 7 Well, one trip blank, and one equipment rinsate blank. Groundwater sampling logs were generated and are included in **Attachment A**.

Well purge water was collected and placed into a temporary holding tank and treated on-site using a granular activated carbon (GAC) filtration system before discharge to the ground surface. A post treatment water sample was collected from the GAC filtration system.

The groundwater, QA/QC, and water treatment system samples were packaged in iced coolers and delivered with accompanying chain-of-custody forms to Maryland Spectral Services (MSS) in Baltimore, Maryland for laboratory analysis. The groundwater and QA/QC samples were analyzed for volatile organic compounds (VOCs), including methyl tert-butyl ether (MTBE), associated fuel oxygenates, and naphthalene, via EPA Method 8260. The water treatment system sample was analyzed for VOCs via EPA Method 8260 and total petroleum hydrocarbons gasoline-range organics (TPH-GRO) via EPA Method 8015.

1.2 Water Supply Well Sampling

Drinking water samples were collected from the Site's drinking water supply well and from the private drinking water supply well at 2040 Don Avenue. CGS collected water samples on June 8, 2022 at the locations specified below in **Table A**. Water was purged from the lines and pressure tank by allowing the water to run approximately 10 minutes before collecting the samples.

Table A
Water Supply Well Sampling Event Locations

602 Deer Park Road (On-Site)	2040 Don Avenue (Off-Site Residence)
Interior sink	Outside spigot located on the west side of the house, between the well and the house.

The drinking water samples were packaged in iced coolers and delivered with accompanying chain-of-custody forms to MSS for analysis of VOCs, including MTBE, associated fuel oxygenates, and naphthalene, via EPA Method 524.2.

2.0 INVESTIGATION RESULTS

2.1 Well Gauging Results

Well gauging data are presented in **Table 1**. A groundwater contour map was generated from the gauging data and is presented in **Figure 3**. In general, the direction of groundwater flow is toward the north from 602 Deer Park Road (the Property) to 2139 Sykesville Road (Victoria Farms, the Adjacent Property). However, the groundwater flow on the Property is historically toward the northwest, and generally at a steep hydraulic gradient. The steep hydraulic gradient on the Property is indicative of a bedrock fracture zone that trends from the Property to the northeast and the Lot 7 Well.

Groundwater levels recorded on June 6, 2022 were slightly higher than those recorded on December 6, 2021. Both the December 6, 2021 and June 6, 2022 groundwater levels are in the range of what are considered to be average for the Site.

2.2 Analytical Laboratory Results

The analytical results for the detected analytes in the groundwater samples are presented in **Table 2**, and the analytical results for the detected analytes in the water supply well samples are presented in **Table 3**. A summary of historical groundwater sample results is presented in **Table 4**. The VOC results are reported in the tables in micrograms per liter [µg/L or parts per billion (ppb)]. Concentrations for detected analytes are shown in the tables in bold text. Method Reporting Limits (MRLs) for analytes that were not detected in a particular sample are shown in **Tables 2, 3, and 4** in gray text and qualified with a "U" or a "<", respectively. Any analyte detected at a concentration above the Method Detection Limit (MDL), but below the MRL is presented in the tables with a "J" qualifier, indicating that the result is considered an estimated concentration. The laboratory reports and chain-of-custody documentation are included in **Attachment B**.

The analytical results shown in **Tables 2, 3, and 4** were compared to MDE Groundwater Standards for Type I and Type II Aquifers (the MDE Groundwater Standards). Analyte concentrations which exceeded a respective standard are shown in the tables as bold, red, and underlined text. Brief summaries of the analytical results and the results of the screening are included below in Sections 2.2.1 and 2.2.2. A more detailed interpretation of the analytical results is included below in Section 3.1.

2.2.1 Groundwater Sampling Results

Twelve (12) wells were sampled during the June 2022 Sampling Event (**Table 2**) at the Site. Three petroleum hydrocarbon related VOCs [tert-amyl methyl ether (TAME), tert-butanol (TBA), and MTBE] were detected in the groundwater samples. Carbon disulfide was detected in the groundwater sample from MW-6. No other VOCs were detected in the groundwater samples. No VOCs were detected in the groundwater samples obtained from monitoring wells H-1A, H-6, MW-1, MW-4, MW-7B, MW-7R, and the Sentinel Well. No VOCs, other than MTBE, were detected in the groundwater samples obtained from monitoring wells MW-2 and MW-7A. No VOCs were detected in the equipment rinsate blank (GDG-EFB).

As shown in the second laboratory report included in **Attachment B**, acetone, bromodichloromethane, bromoform, chloroform, and dibromochloromethane were detected in the trip blank (GDG-GW-TB) for groundwater sampling. The laboratory noted the detection of these analytes as suspect and discovered that the water it used to create the trip blank had inadvertently been obtained from a chlorinated municipal water source and not from its organic free water source. None of these analytes were detected in the groundwater samples from the Site.

MTBE was detected in the groundwater samples from four wells at concentrations ranging from 1.7 to 176 µg/L. Two of these wells (i.e., MW-1A and the Lot 7 Well) had MTBE concentrations that exceeded its MDE Groundwater Standard (20 µg/L). The groundwater sample with the highest MTBE concentration was collected from the Lot 7 Well (176 µg/L). MW-1A had a MTBE concentration of 72.8 µg/L.

TAME and TBA were detected in the groundwater samples from MW-1A and the Lot 7 Well at concentrations below the MDE Groundwater Standards.

Figure 4 is an isoconcentration map generated from the groundwater monitoring well MTBE analytical data. Note that historic data (i.e., all non-detects since November 2015 or earlier) from wells that were not sampled, including H-3, H-4A, MW-3, MW-5, and the Lot 4 Well, were used as control data for the isoconcentration map.

2.2.2 Water Supply Well Sampling Results

The analytical results for the detected analytes in the June 2022 water supply well samples are presented in **Table 3**.

MTBE was detected in the sample collected from the Site (0.64 µg/L) and in the sample collected from 2040 Don Avenue (0.54 µg/L) at concentrations below the MDE Groundwater Standard (20 µg/L). No other VOCs were detected in these samples.

As shown in the second laboratory report included in **Attachment B**, bromodichloromethane, chloroform, and dibromochloromethane were detected in the trip blank (GDG-DW-TB) for water supply sampling. As discussed above for the trip blank which accompanied the groundwater samples, the water used to create this trip blank had also inadvertently been obtained from a chlorinated municipal water source and not from its organic free water source. Methylene chloride, a common laboratory contaminant, was also detected in the trip blank. None of these analytes were detected in the samples from the Site or 2040 Don Avenue.

2.2.3 GAC Treatment Sampling Results

The analytical results for the water treatment system sample (GDG-EFF) are contained in the second laboratory report included in **Attachment B**. TPH-GRO was not detected in this sample; however, TBA was detected in this sample. These results document that the GAC filtration system was generally effective in removing petroleum contaminants before discharging the treated purge water and that it is time to replace the GAC inside of the filtration system.

3.0 DISCUSSION OF RESULTS

3.1 Groundwater Sample Analytical Data Evaluation

Table 4 presents a historical summary of the analytical data obtained during each of the groundwater sampling events conducted at the Site since September 2008. Evaluation of the analytical data is discussed below in Section 3.1.1.

3.1.1 Data Evaluation Discussion

The historical analytical data presented in **Table 4** demonstrate a significant reduction in petroleum hydrocarbon analyte concentrations at the Site since September 2008. Because the primary constituent of concern (COC) for the Site is MTBE, the discussion presented herein will focus on MTBE. As discussed above in Section 2.2.1, an isoconcentration map generated from the June 2022 MTBE analytical data is

presented in **Figure 4**. Isoconcentration maps generated from the MTBE analytical data collected between September 2008 and December 2021, as presented in prior reports for the Site, are included in **Attachment C**. A graph which illustrates the MTBE concentration variations with time is presented in **Figure 5**.

Between September 2008 and April 2012, the highest MTBE concentrations were detected in MW-1 followed by MW-1A. These are the wells located closest to the former underground storage tank (UST) field at the Site (**Figure 2**). During this time frame the next set of highest MTBE concentrations were detected in the Lot 7 Well, MW-7A, and MW-4. These wells are aligned with the bedrock fracture zone that trends from the Property to the northeast. High MTBE concentrations (greater than 2,000 µg/L) have also historically been detected in MW-7B and MW-7R consistent with their alignment with the bedrock fracture zone. The highest MTBE concentrations were also generally present in these seven wells during the sampling events performed between June 2013 and February 2016 though in a differing order and with the exception that MTBE was not detected in MW-7B during the June 2013 and November 2015 sampling events.

MTBE has been detected in 15 of the 17 monitoring wells included in the network (i.e., all of the wells except the Lot 4 Well and the Sentinel Well). As shown in **Figure 5**, the peak MTBE concentrations recorded for most of these wells occurred in September 2008. Some rebound in the MTBE concentrations was observed in April and May 2010. MTBE concentrations in all 15 of these wells have decreased since their peak concentrations were detected as summarized below and listed below in **Table B**.

<u>Seven wells with peak MTBE concentrations greater than 2,000 µg/L</u>

- MTBE concentrations in six of these wells (MW-1, MW-1A, MW-4, MW-7A, MW-7B, and MW-7R) have demonstrated a drastic decrease where the June 2022 concentrations range from non-detect to 0.52% of the peak concentrations.
- The MTBE concentration in one of these wells (the Lot 7 Well) has demonstrated a dramatic decrease where the June 2022 concentration is 2.3% of the peak concentration.

<u>Four wells with peak MTBE concentrations between 400 and 1,400 µg/L</u>

- MTBE concentrations in these wells (H-1A, H-6, MW-2, and MW-6) have demonstrated a dramatic decrease where the June 2022 concentrations range from non-detect to 0.19% of the peak concentrations.

<u>Four wells with peak MTBE concentrations below 20 µg/L</u>

- These four wells (H-4A, H-3, MW-3, and MW-5) and the Lot 4 Well were eliminated from sampling as of December 2018. MTBE was last detected in one of these wells in August 2015.

Table B
MTBE Concentration Decreases
(Wells listed in order of Highest to Lowest Peak MTBE Concentration)

Well	Peak MTBE Concentration (µg/L)	Date of Peak MTBE Concentration	June 2022 MTBE Concentration (µg/L)	% Remaining (June 2022 Concentration/Peak Concentration)
MW-1	25,400	9/2008	Non-detect	-
MW-1A	14,100	9/2008	72.8	0.52%
MW-4	9,460	9/2008	Non-detect	-
MW-7A	7,510	9/2008	1.7	0.023%
Lot 7 Well	7,510	12/2009	176	2.3%
MW-7B	3,910	12/2009	Non-detect	-
MW-7R	2,990	4/2010	Non-detect	-
MW-2	1,350	9/2008	2.6	0.19%
H-1A	1,150	9/2008	Non-detect	-
H-6	597	9/2008	Non-detect	-
MW-6	457	5/2010	Non-detect	-
H-4A	17	9/2008	Not Sampled	-
H-3	3.9	9/2008	Not Sampled	-
MW-3	0.7	9/2008	Not Sampled	-
MW-5	0.6	9/2008	Not Sampled	-
Lot 4 Well	Non-detect	-	Not Sampled	-
Sentinel Well	Non-detect	-	Non-detect	-

The isoconcentration maps included in **Figure 4** and in **Attachment C** demonstrate that the lateral extent of the MTBE groundwater contamination plume, detected in the groundwater monitoring wells at concentrations above 5 µg/L has significantly decreased since September 2008.

3.1.2 Data Evaluation Summary

The source of continued groundwater contamination at the Site (i.e., the UST system, including the three tanks and all associated piping) was removed from the Site in February 2008. As shown in **Table 4,** illustrated in **Figure 5,** and discussed above in Section 3.1.1, the MTBE concentrations have decreased dramatically since 2008. The data demonstrate the primary line of evidence for remediation by natural attenuation (i.e., decreasing MTBE concentrations and reduction in the size of the groundwater contamination plume) in the former source area, on the remainder of the Property, and down-gradient of the Property with a 97.7% or better reduction in the MTBE concentrations.

3.2 Water Supply Well Sample Analytical Data Evaluation

<u>602 Deer Park Road (On-Site)</u>

Table C below presents a historical summary of the MTBE analytical data obtained for the 602 Deer Park Road drinking water sampling events performed between November 2017 and June 2022. Prior to the November 2017 sampling event, drinking water samples were last collected from the Site on August 14, 2015 prior to removal of the GAC treatment system. At that time, the MTBE concentration in the non-treated (pre-GAC) water sample was 4.21 µg/L. All of the MTBE concentrations, detected since November 2017, are lower than the August 2015 concentration, and all are below the MDE Groundwater Standard for MTBE (20 µg/L).

Table C
Historical Summary of Drinking Water Sample MTBE Results at 602 Deer Park Road

Sample Date	MTBE Concentration (µg/L)	EPA Method 524.2 MTBE MRL (µg/L)
11/15/17	**0.84**	0.50
6/19/18	**0.86**	0.50
12/3/18	**0.58**	0.50
6/11/19	0.50 U	0.50
11/19/19	**0.81**	0.50
5/20/20	**1.11**	0.50
11/17/20	**0.67**	0.50
6/3/21	**0.85**	0.50
6/11/19	0.50 U	0.50
6/8/22	**0.64**	0.50

2040 Don Avenue (Off-Site Residence)

Table D below presents a historical summary of the MTBE analytical data obtained for the 2040 Don Avenue drinking water sampling events. The detection of MTBE at estimated concentrations between MSS' EPA Method 524.2 MTBE MDL (previously 0.21 µg/L) and its EPA Method 524.2 MTBE MRL (0.50 µg/L) was reported for the samples collected on April 27, 2012, August 14, 2015, and September 23, 2015 (i.e., 0.26 J, 0.22 J, and 0.39 J µg/L, respectively). CGS previously contacted MSS to gain additional information regarding the results of the May 19, 2010 and June 5, 2013 samples which were reported relative to the MRL as opposed to the MDL. MSS revisited the raw data and reported that MTBE was not detected in the May 19, 2010 sample at a concentration above the then current MDL (0.21 µg/L) and that MTBE was detected in the June 5, 2013 sample at an estimated concentration of 0.25 J µg/L.

MTBE was detected in the drinking water sample obtained from 2040 Don Avenue on February 22, 2016 at a concentration of 8.38 µg/L. This concentration represented an increase from the stabilized concentrations previously detected at this location. The increased MTBE concentration, and the detection of TAME and TBA, at this location were attributed to the unusually high February 2016 groundwater levels and were assumed to represent a momentary pulse in the groundwater system and not a long-term condition. 2040 Don Avenue was sampled again in June 2016 to evaluate the anomalous nature of this detection. MSS reported MTBE as not detected relative to the MRL. CGS again contacted MSS to gain additional information regarding this result. MSS revisited the raw data and reported that MTBE was detected in the June 17, 2016 sample at an estimated concentration of 0.10 J µg/L and that its current laboratory statistical MDL for MTBE was 0.05 µg/L. MSS also reported that TAME and TBA were not detected in the June 17, 2016 2040 Don Avenue sample at concentrations above their statistical MDLs (i.e., no estimated concentrations were detected for TAME and TBA).

As shown in **Table D**, the November 2017 MTBE result for 2040 Don Avenue was reported as not detected relative to the MRL, consistent with MSS' routine practice for reporting results for EPA Method 524.2. Upon CGS' request, MSS revisited the raw data and reported that MTBE was detected in the November 16, 2017 sample at an estimated concentration of 0.15 J µg/L. MSS also reported that TAME and TBA were not detected in the November 16, 2017 2040 Don Avenue sample at concentrations above their statistical MDLs (i.e., no estimated concentrations were detected for TAME and TBA).

As shown in **Table D**, MTBE was detected in each of the samples collected from 2040 Don Avenue since June 2018 at concentrations ranging from 0.40 µg/L to 1.85 µg/L. These concentrations represent a slight increase from the previously stabilized level, but continue to be well below the MDE Groundwater Standard (20 µg/L).

Table D
Historical Summary of Drinking Water Sample MTBE Results at 2040 Don Avenue

Sample Date	Reported MTBE Concentration (µg/L)	Revisited MTBE Concentration (µg/L)	EPA Method 524.2 MTBE MRL (µg/L)	EPA Method 524.2 MTBE MDL (µg/L)
5/19/2010	0.50 U	0.21 U*	0.50	0.21 *
4/27/2012	**0.26** J	**0.26** J	0.50	0.21
6/5/2013	0.50 U	**0.25** J*	0.50	0.21 *
8/14/2015	**0.22** J	**0.22** J	0.50	0.21
9/23/2015	**0.39** J	**0.39** J	0.50	0.21
2/22/2016	**8.38**	**8.38**	0.50	0.21
6/17/16	0.50 U	**0.10** J**	0.50	0.05 **
11/16/17	0.50 U	**0.15** J***	0.50	NR
6/20/18	**0.77**	**0.77**	0.50	NR
12/5/18	**1.78**	**1.78**	0.50	NR
6/12/19	**0.83**	**0.83**	0.50	NR
11/18/19	**0.49** J	**0.49** J	0.50	NR
5/20/20	**1.85**	**1.85**	0.50	NR
11/17/20	**0.40** J	**0.40** J	0.50	0.10
6/3/21	**0.90**	**0.90**	0.50	NR
12/7/21	**0.55**	**0.55**	0.50	NR
6/8/22	**0.54**	**0.54**	0.50	NR

* As reported by MSS in email correspondence dated September 30, 2015.
** As reported by MSS in email correspondence dated July 1, 2016.
*** As reported by MSS in email correspondence dated December 27, 2017.
NR – Information Not Requested

4.0 CONCLUSIONS

CGS has performed a groundwater and water supply well sampling event at the George's Deli & Gas Site near Westminster, Maryland. Based on the results of the June 2022 sampling event in conjunction with prior site data, CGS concludes the following:

- In general, the direction of groundwater flow at the Site is toward the north from the Property to the Adjacent Property, Victoria Farms. A steep hydraulic gradient to the northwest generally exists on the Property that is indicative of a bedrock fracture zone trending to the northeast. Groundwater levels recorded at the Site during the June 2022 sampling event are in the range of what are considered to be average for the Site.
- MTBE, the primary COC at the Site, was detected at concentrations exceeding its MDE Groundwater Standard in two of the 12 sampled monitoring wells during the June 2022 sampling event.
- A review of the historic groundwater MTBE concentration data resulted in the following observations:

- MTBE has been detected in 15 of the 17 monitoring wells at the Site. In all 15 of these wells, the MTBE concentrations have demonstrated dramatic reductions since their peak concentrations were detected between September 2008 and May 2010. MTBE concentrations in the former source area, on the remainder of the Property, and down-gradient of the Property have demonstrated a 97.7% or better reduction in the MTBE concentrations.
- The lateral extent of the MTBE groundwater contamination plume, at concentrations above 5 µg/L, on the Property as well as on the Adjacent Property, has significantly decreased since the peak concentrations were detected.
- The MTBE data demonstrate the primary line of evidence for remediation by natural attenuation (i.e., decreasing MTBE concentrations and overall reduction in the size of the groundwater contamination plume).

- A review of the drinking water MTBE concentration data from 2040 Don Avenue (Off-Site Residence) demonstrate low level MTBE concentrations well below the MDE Groundwater Standard (20 µg/L).

5.0 RECOMMENDATIONS

Based on review of the May 6, 2020 MDE-OCP correspondence, CGS recommends that Country Side Trust perform the following:

- Remove the GAC filtration system at 2173 Sykesville Road if the property owner does not opt to retain and maintain it and provide written documentation to MDE of the removal or conveyance;
- Provide formal written documentation to MDE regarding current and future plans for the Victoria Farms Property;
- Properly abandon the Lot 2, 3, 5, and 6 Wells that are no longer proposed for use as residential supply wells and provide well abandonment reports to MDE: and
- Provide the names and mailing addresses for all current Trust members responsible for managing the Trust Fund for the Site.

6.0 LIMITATIONS

The work performed in conjunction with this project, and the data developed, are intended as a description of available information at the locations indicated and dates specified. Generally accepted industry standards were used in the conduct of this project and the preparation of this report.

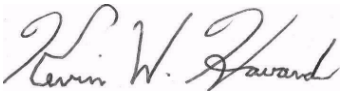
Laboratory data are intended to approximate actual conditions at the time of sampling. Results from future sampling and testing may vary significantly as a result of natural conditions, a changing environment, or the limits of analytical capabilities. This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a specific location not investigated. The limited sampling conducted is intended to approximate subsurface conditions by extrapolation between data points. Actual subsurface conditions may vary.

CGS has based its conclusions on observable conditions and analytical results from an independent analytical laboratory which is solely responsible for the accuracy of its methods and results.

If you have any questions regarding this letter report, please contact this office at (410) 740-1911 or via email at nlove@cgs.us.com or khoward@cgs.us.com.

Sincerely,
Chesapeake GeoSciences, Inc.

Nancy D. Love, PG
Principal



Kevin W. Howard, PG
Principal

cc: Project File

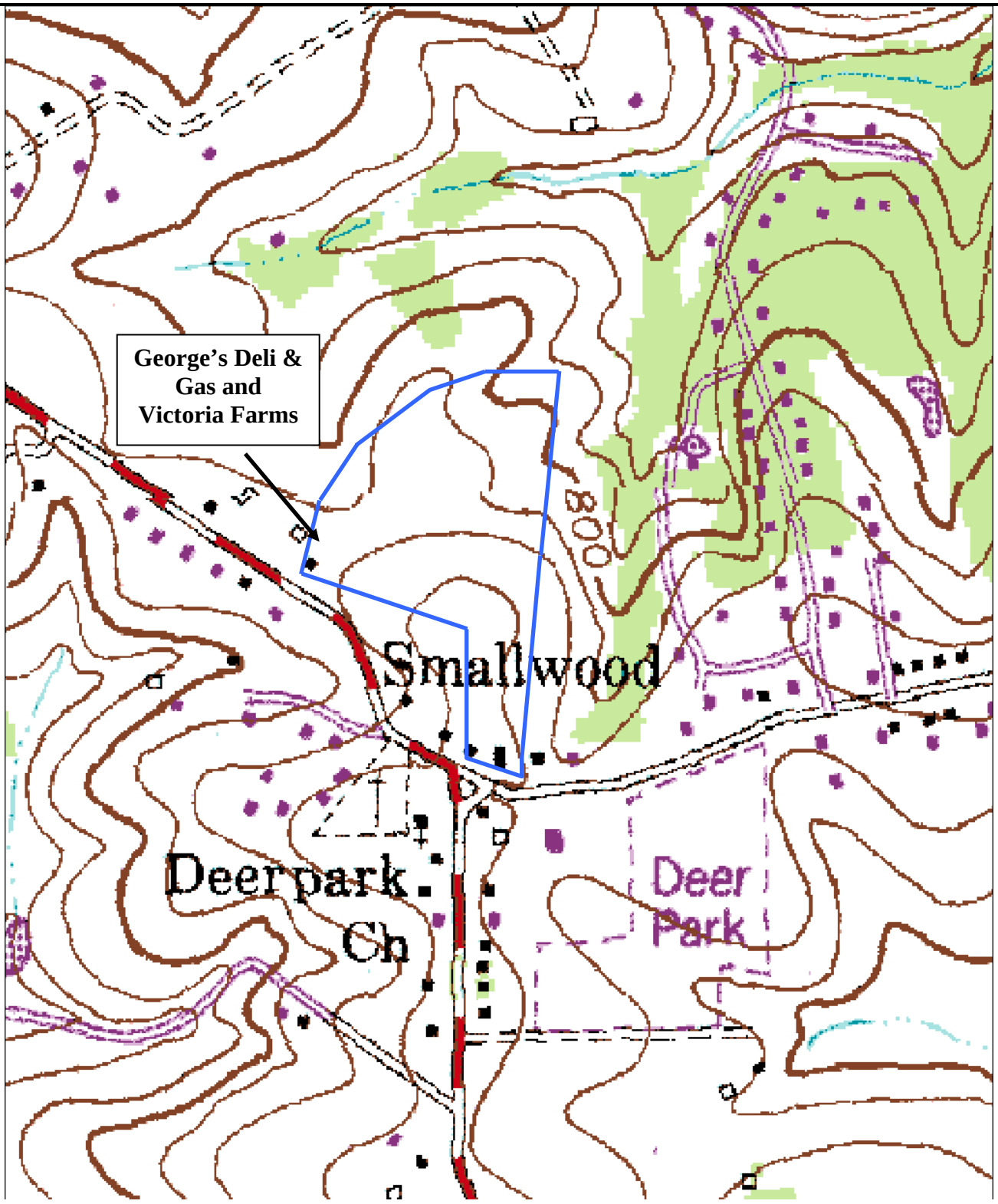
Attachments:

Figures
- Figure 1 - Site Location Map
- Figure 2 - Site Diagram and Well Location Map
- Figure 3 - Groundwater Contour Map
- Figure 4 - MTBE Isoconcentration Map
- Figure 5 - MTBE Concentration Variations with Time

Tables
- Table 1 - Well Construction, Survey, and Gauging Data
- Table 2 - Summary of Groundwater Sample Results – Detected Analytes
- Table 3 - Summary of Water Supply Well Sample Results – Detected Analytes
- Table 4 - Historical Summary of Groundwater Sample Results

Attachments
- Attachment A – Groundwater Sampling Logs
- Attachment B – Laboratory Analytical Reports and Chain-Of-Custody Records
- Attachment C – Prior MTBE Isoconcentration Maps

FIGURES



U.S. Geological Survey, 1979, Westminster, MD, 7.5-minute quadrangle topographic map

Map Scale:
1" = 828'

N

Drawn By:	Date:
CDG	09/08/08
Job #:	Proj. Mang.:
CG-08-0348	KH

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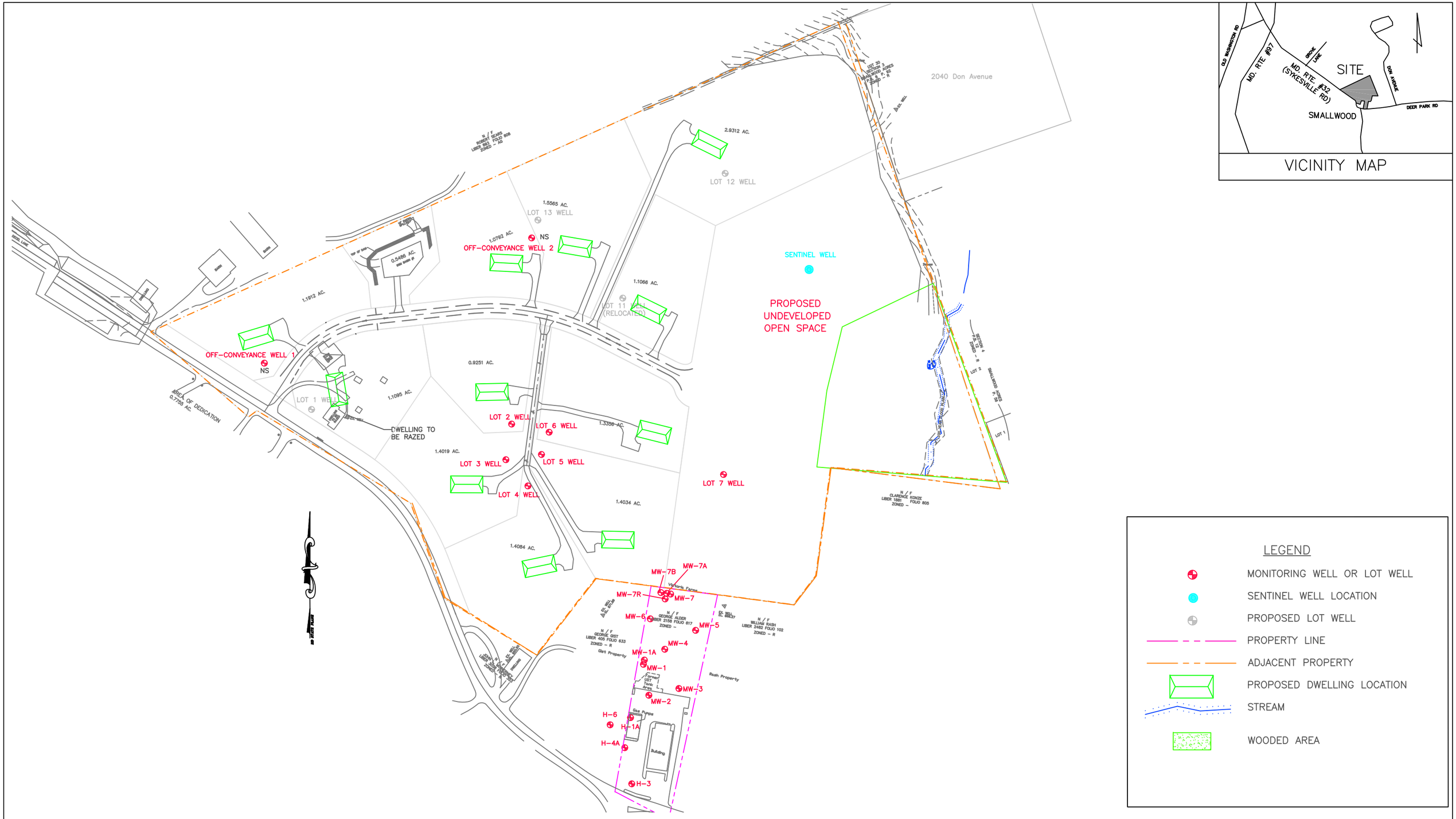
Figure 1: Site Location Map
George's Deli & Gas and Victoria Farms



Drawn By:	Date:
MS & LB	07/09/13
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 180'	

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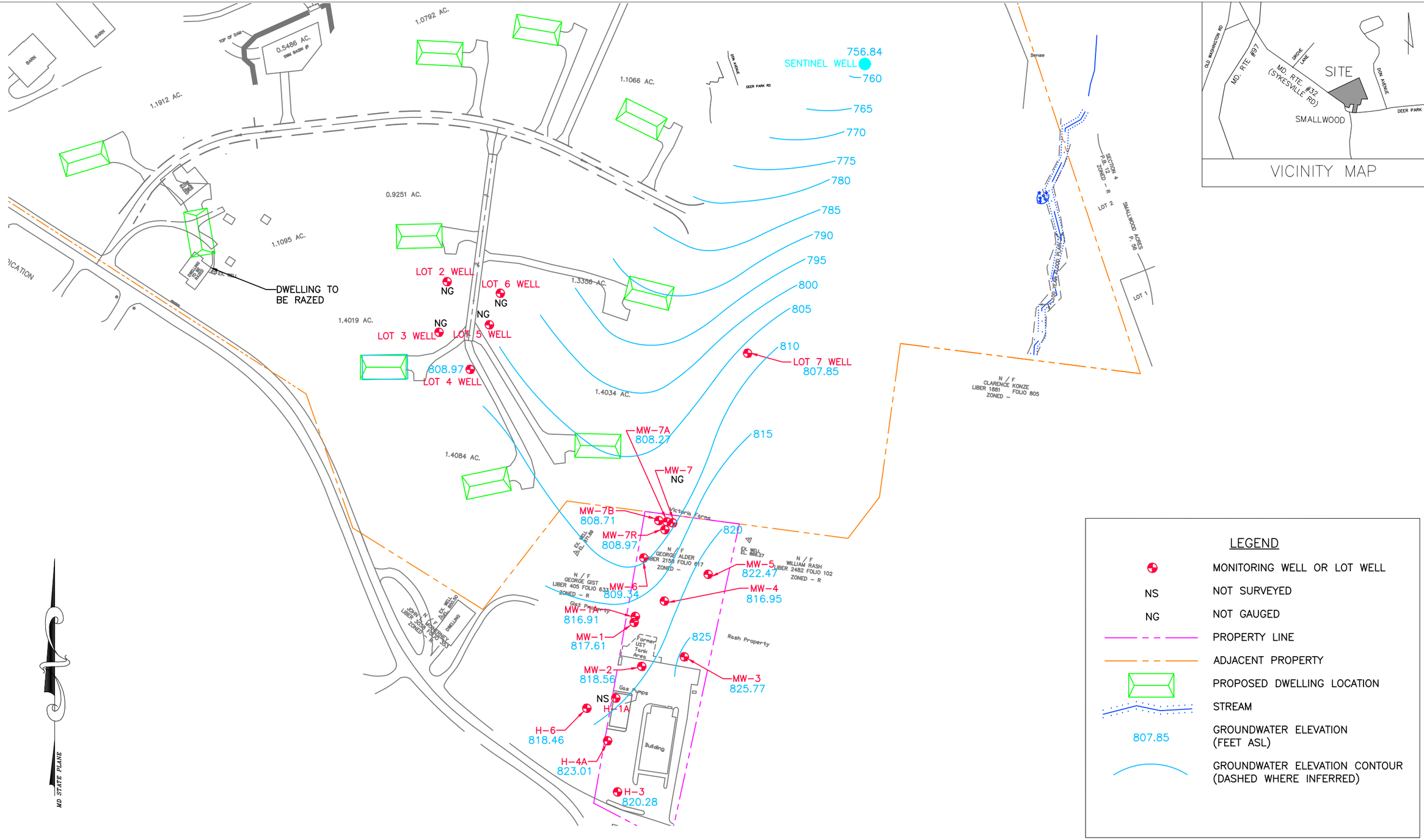
SITE DIAGRAM AND WELL LOCATION MAP

602 Deer Park Road and 2139 Sykesville Road
Westminster, MD 21157

Figure 2



VICINITY MAP

LEGEND

- MONITORING WELL OR LOT WELL
- NS — NOT SURVEYED
- NG — NOT GAUGED
- PROPERTY LINE
- ADJACENT PROPERTY
- PROPOSED DWELLING LOCATION
- STREAM
- 807.85 — GROUNDWATER ELEVATION (FEET ASL)
- GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)

Drawn By:	Date:
MRW	07/18/2022
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 130'	

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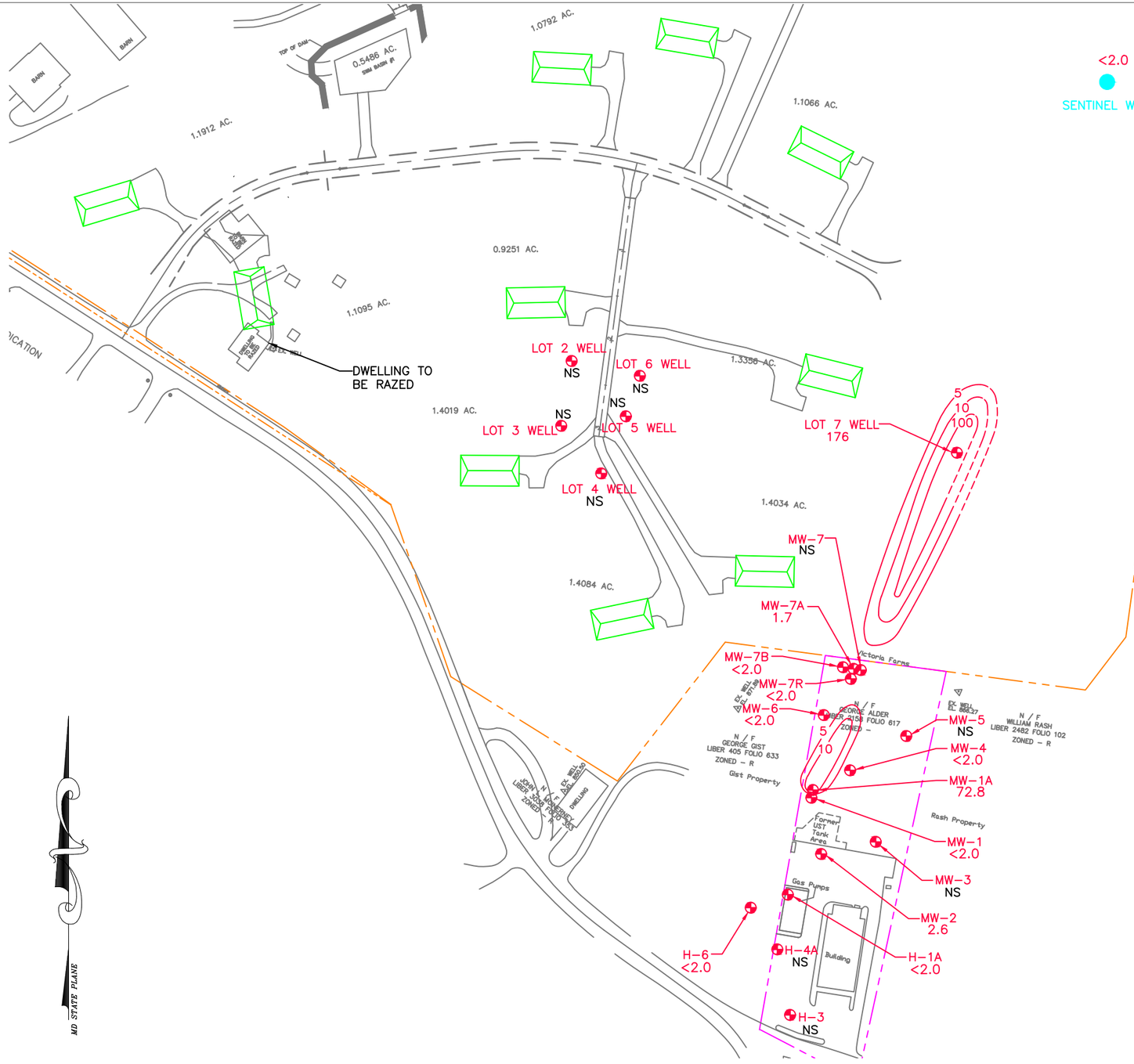
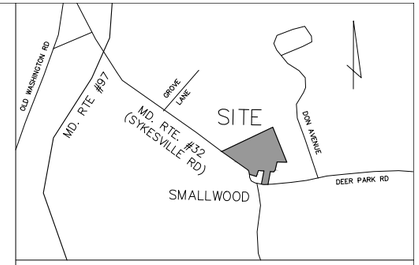
GROUNDWATER CONTOUR MAP - JUNE 6, 2022
602 Deer Park Road and 2139 Sykesville Road
Westminster, MD 21157

Figure 3





VICINITY MAP

LEGEND

- MONITORING WELL OR LOT WELL
- NS — NOT SAMPLED
- PROPERTY LINE
- ADJACENT PROPERTY LINE
- PROPOSED DWELLING LOCATION
- STREAM
- 176 — MTBE CONCENTRATION (µg/L or ppb)
- MTBE ISOCONCENTRATION CONTOUR (DASHED WHERE INFERRED)

Drawn By:	Date:
MRW	07/18/2022
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 130'	

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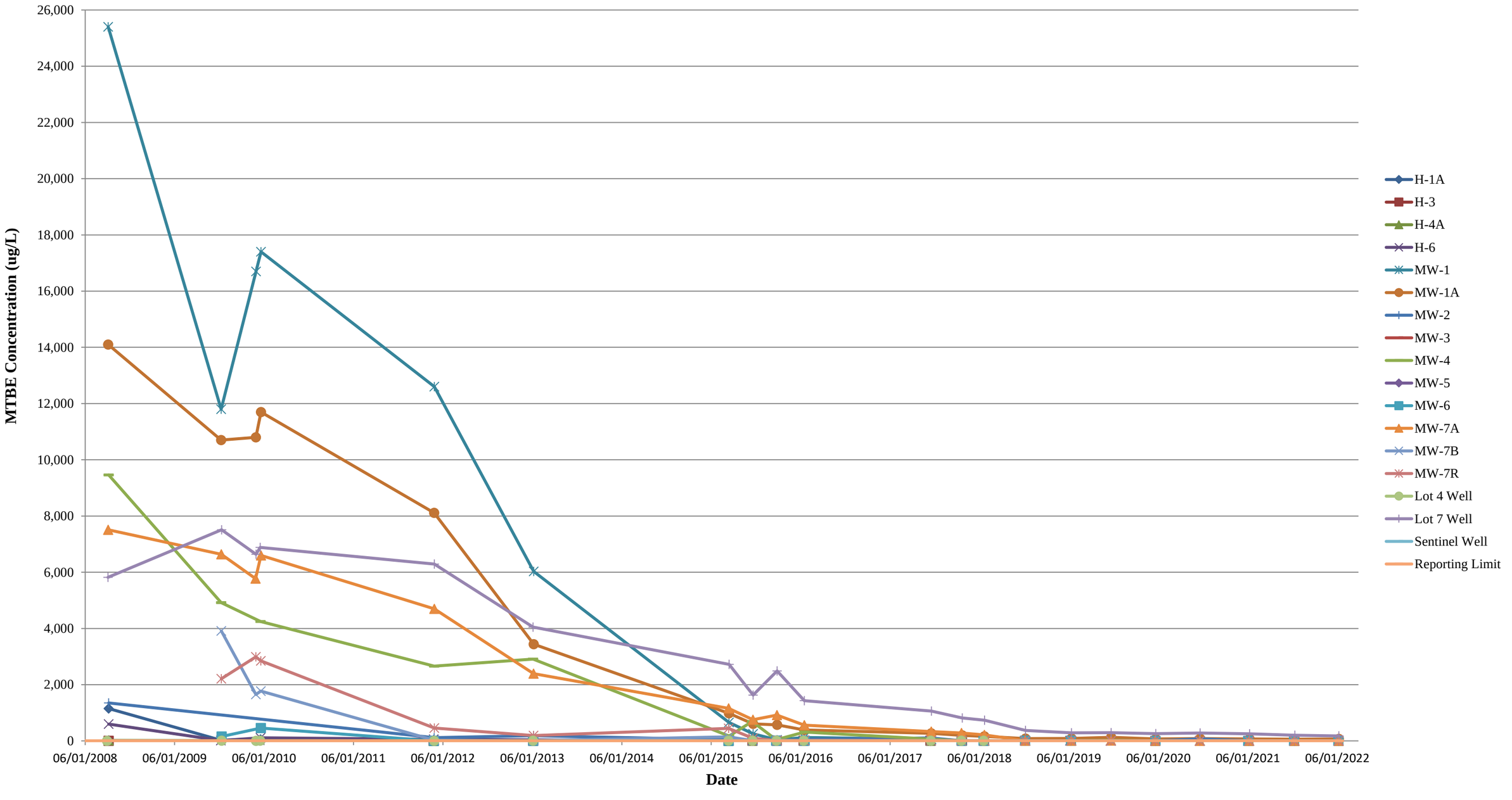
MTBE ISOCONCENTRATION MAP - JUNE 2022
602 Deer Park Road and 2139 Sykesville Road
Westminster, MD 21157

Figure 4

Figure 5
MTBE Concentration Variations With Time



TABLES

Table 1
Well Construction, Survey, and Gauging Data
George's Deli & Gas and Victoria Farms
602 Deer Park Road and 2139 Sykesville Rd, Westminster, Maryland

Well[1]	Permit Number	Well Depth BTOC[2] (ft)	Screened Interval BTOC[3] (ft)	Well Dia-meter (in)	Horizontal Coordinates		Elevation TOC (ft)[5]	June 6, 2022	
					Northing[4]	Easting[4]		Depth to Ground-water from TOC (ft)	Ground-water Elevation (ft)
H-1A	CL-81-5726	66.28	25-65	8	672669.71	1319354.73	NR	48.10	NA
H-3	CL-81-5728	56.42	38-58	4	672536.59	1319356.07	863.07	42.79	820.28
H-4A	CL-81-5729	86.84	47-87	4	672609.31	1319342.63	865.14	42.13	823.01
H-6	NA	70.13	32-72	4	672655.52	1319313.60	864.26	45.80	818.46
MW-1	NA	84.49	NA	2	672776.49	1319381.57	870.63	53.02	817.61
MW-1A	CL-95-1261	143.32	105-145	4	672785.11	1319383.51	870.89	53.98	816.91
MW-2	NA	84.80	NA	2	672714.01	1319391.88	867.70	49.14	818.56
MW-3	NA	77.50	NA	2	672727.32	1319452.39	867.27	41.50	825.77
MW-4	CL-95-0729	68.59	38-68	2	672806.58	1319424.79	871.58	54.63	816.95
MW-5	CL-95-0727	71.76	42-72	2	672843.83	1319487.11	869.89	47.42	822.47
MW-6	NA	72.93	43-73	2	672867.64	1319396.20	874.66	65.32	809.34
MW-7A	CL-95-1260	145.39	125-145	4	672918.51	1319429.50	878.35	70.08	808.27
MW-7B	CL-95-1558	286.10	223-283	4	672920.62	1319419.52	879.10	70.39	808.71
MW-7R	CL-95-1557	100.35	45-100	4	672907.68	1319428.18	878.34	69.37	808.97
Lot 4 Well	CL-94-5262	123.25	20-120	6	673136.86	1319152.68	865.80	56.83	808.97
Lot 7 Well	CL-94-5394	141.91	21-142	6	673156.33	1319545.83	858.42	50.57	807.85
Sentinel Well	CL-11-0045	72.58	47-70	6	673396.92	1319919.96	805.32	48.48	756.84

Table Notes:

TOC - Top of Casing at Measuring Point BTOC - Below TOC NA - Data Not Available

NR - The TOC Elevation of Well H-1A changed during site work (paving, cleanup, repairs) and was not resurveyed afterward.

[1] Well MW-1A is the deeper well in the well pair. Well MW-1 is the shallower well in the pair. Wells MW-7R, MW-7A, and MW-7B comprise a well cluster, with MW-7R being the shallow well, MW-7A being the intermediate well, and MW-7B being the deep well. Well MW-7R is a replacement for shallow well MW-7, which went dry at times.

[2] As measured on August 10, 2015 following well re-development. Lot 7 Well depth measured on June 8, 2021.

[3] In the case of the Lot 4 Well, Lot 7 Well, and the Sentinel Well, this is the open bedrock portion of the well.

[4] Horizontal coodinates in Maryland State Plane Coordinate System (NAD83/91). Sentinel Well coordinates are approximate.

[5] Elevations in the 1988 North American Vertical Datum (NAVD88). The Sentinel Well elevation was surveyed by John Sweeney.

Table 2
Summary of Groundwater Sample Results
George's Deli & Gas and Victoria Farms
602 Deer Park Road and 2139 Sykesville Rd, Westminster, Maryland
June 6 through June 8, 2022

Volatile Organic Compounds (VOCs) - Detected Analytes

Sample ID	H-1A	H-6	MW-1	MW-1 A	MW-2	MW-4	MW-6	MW-7A	MW-7B	MW-7R	LOT 7 WELL	LOT 7 WELL [GDG-DUPE]	SENTINEL WELL	GDG-EFB	MDE Groundwater Standard
Sample Date	**06/07/22**	**06/06/22**	**06/08/22**	**06/08/22**	**06/07/22**	**06/06/22**	**06/06/22**	**06/07/22**	**06/07/22**	**06/07/22**	**06/08/22**	**06/08/22**	**06/06/22**	**06/07/22**	
Dilution Factor	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	
Sample Type	**Groundwater**													**Blanks**	
VOCs	**Concentration (ug/L)**														
tert-Amyl methyl ether (TAME)	2.0 U	2.0 U	2.0 U	**4.6**	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	**8.1**	**7.9**	2.0 U	2.0 U	na
tert-Butanol (TBA)	15.0 U	15.0 U	15.0 U	**41.2**	15.0 U	15.0 U	15.0 U	15.0 U	15.0 U	15.0 U	**52.7**	**68.3**	15.0 U	15.0 U	na
Carbon disulfide	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	**1.2** J	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	8.1E+01
Methyl tert-butyl ether (MTBE)	2.0 U	2.0 U	2.0 U	**72.8**	**2.6**	2.0 U	2.0 U	**1.7** J	2.0 U	2.0 U	**176**	**171**	2.0 U	2.0 U	2.0E+01

Table Notes:
VOCs Analytical Method: EPA Method 8260B
[Sample ID] - Sample Identification as shown on COC and/or in Lab Report. GDG-DUPE is a blind duplicate of the groundwater sample collected from the Lot 7 Well.
µg/L - micrograms per liter or parts per billion (ppb)
U - Analyte not detected above specified Method Reporting Limit (MRL) (shown as a gray tone).
J - The reported concentration is less than the MRL but greater than the Limit of Detection (LOD). The concentration is considered to be estimated.
na - not applicable
Bold - Detected analyte concentration

Screening Evaluation Notes:
MDE Groundwater Standards: MDE Groundwater Cleanup Standards for Type I and II Aquifers (October 2018)
Underline - MRL exceeds the respective MDE Groundwater Standard.
Red, bold, and underline - Detected analyte concentration exceeds the respective MDE Groundwater Standard.

Table 3
Summary of Water Supply Well Sample Results - Detected Analytes
George's Deli & Gas and Victoria Farms
602 Deer Park Road and 2139 Sykesville Rd, Westminster, Maryland
June 8, 2022

Volatile Organic Compounds (VOCs) - Detected Analytes

Sample ID	**602-DW**	**2040-DW**	**MDE Groundwater Standard**
Sample Date	**06/08/22**	**06/08/22**	
Dilution Factor	**1**	**1**	
Sample Type	**Potable Drinking Water**		
VOCs	**Concentration (ug/L)**		
Methyl tert-butyl ether (MTBE)	**0.64**	**0.54**	2.0E+01

Table Notes:
VOCs Analytical Method: EPA Method 524.2
µg/L - micrograms per liter or parts per billion (ppb)
Bold - Detected analyte concentration

Screening Evaluation Notes:
MDE Groundwater Standards: MDE Groundwater Cleanup Standards for Type I and II Aquifers (October 2
No detected analyte concentrations exceed the respective MDE Groundwater Standard.

Table 4
Historical Summary of Groundwater Sample Results
George's Deli & Gas and Victoria Farms
602 Deer Park Road and 2139 Sykesville Rd, Westminster, Maryland

Select Detected Petroleum Hydrocarbon Volatile Organic Compounds (VOCs) and Geochemical Parameters

Well	Date	VOCs													Geochemical Parameters									
		TAA (ug/L)	TAME (ug/L)	Benzene (ug/L)	TBA (ug/L)	sec-Butyl benzene (ug/L)	DIPE (ug/L)	Isopropyl benzene (ug/L)	MTBE (ug/L)	Naphtha-lene (ug/L)	1,2,4-Trimethyl benzene (ug/L)	1,3,5-Trimethyl benzene (ug/L)	o-Xylene (ug/L)	m,p-Xylene (ug/L)	Methane (mg/L)	Manganese (mg/L)	Nitrate (as N) (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)	Dissolved Oxygen (DO) (% of saturation)	Conductivity (mS/cm)	pH	Oxidation/ Reduction Potential	Temperature (°C)
MDE GW Standard		na	na	5.0E+00	na	na	na	4.5E+01	2.0E+01	1.7E-01	5.6E+00	6.0E+00	1.0E+04	1.0E+04	na	4.3E-02	na	na	na	na	na	na	na	na
H-1A	9/5/2008	**677**	**85.0**	**273**	<300	<15.0	<15.0	**34.0**	**1,150**	**46.0**	**18.0**	<15.0	<15.0	**31.0**										
	12/7/2009	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	**25.0**	<5.0	<5.0	<5.0	<5.0	<5.0										
	4/30/2010	*Well not sampled.*																						
	5/18/2010	<20.0	**2.9** J	<5.0	<15.0	<5.0	<5.0	<5.0	**53.0**	<5.0	<5.0	<5.0	<5.0	<5.0	*Prior to Natural Attenuation Monitoring Period*									
	4/24/2012	<10.0	<0.3	<0.5	<9.8	<0.4	<0.6	<0.5	**27.8**	<0.7	<0.5	<0.7	<0.4	<0.6										
	6/5/2013	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	**12.8**	<5.0	<5.0	<5.0	<5.0	<5.0										
	8/12/2015	**28.7**	**2.9** J	**8.0**	**16.0**	<5.0	<5.0	<5.0	**32.5**	<5.0	<5.0	<5.0	<5.0	<5.0	**0.019**	**11.4**	**3.0**	**5.6**	0	30.7	0.525	6.15	244.5	18.35
	11/19/2015	<20.0	<5.0	**7.7**	<15.0	<5.0	<5.0	**3.9** J	**16.6**	<5.0	<5.0	<5.0	<5.0	<5.0	**0.0185**	**13.0**	**3.2**	**2.3**	0	5.4	0.494	5.59	121.5	17.85
	2/25/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0061	**1.51**	**4.3**	**4.8**	0	37.1	0.343	5.55	172.0	14.45
	6/14/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0062	**2.24**	**3.0**	**8.0**	0	9.5	0.313	5.51	179.2	16.98
	11/13/2017	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	**3.6** J	<5.0	<5.0	<5.0	<5.0	<5.0	**0.0090**	**6.83**	**0.3**	**13.4**	0	17.7	0.287	5.72	173.9	17.91
	3/22/2018	<20.0	<5.0	**4.4** J	<15.0	<5.0	<5.0	**2.4** J	**9.4**	<5.0	<5.0	<5.0	<5.0	<5.0										
	6/19/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	12/4/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	6/10/2019	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	11/19/2019	**26.1**	**1.9** J	**4.5**	<15.0	**1.4** J	<2.0	**2.0**	**23.0**	<2.0	<2.0	<2.0	<2.0	<2.0	*MDE determined that reporting geochemical parameters was no longer required*									
	5/20/2020	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0										
	11/16/2020	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	**6.2**	<2.0	<2.0	<2.0	<2.0	<2.0										
	6/4/2021	<20.0	<2.0	<2.0	**24.3**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0										
	12/9/2021	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0										
	6/7/2022	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0										
H-3	9/5/2008	<10.0	<0.5	<0.5	<10.0	<0.5	<0.5	<0.5	**3.9**	<0.5	<0.5	<0.5	<0.5	<0.5										
	12/7/2009	*Well not sampled.*																						
	4/30/2010	*Well not sampled.*																						
	5/18/2010	*Well not sampled.*																						
	4/24/2012	<10.0	<0.3	<0.5	<9.8	<0.4	<0.6	<0.5	**1.5** J	<0.7	<0.5	<0.7	<0.4	<0.6	*Prior to Natural Attenuation Monitoring Period*									
	6/5/2013	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	8/11/2015	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0056	**0.630**	**10.0**	**21.1**	0	57.4	0.419	5.52	289.4	20.00
	11/17/2015	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0060	**0.677**	**11.0**	**16.5**	0	73.1	0.588	4.92	184.5	17.69
	2/24/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0058	**0.028**	**1.7**	**11.1**	0	63.9	0.173	6.40	147.6	14.67
	6/13/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0055	**0.496**	**12.6**	**21.4**	0	38.4	0.491	5.36	182.7	18.44
	11/13/2017	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0059	**0.555**	**9.2**	**12.9**	0	48.3	0.420	4.95	296.4	18.15
	3/22/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	6/19/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	12/4/2018	*Well not sampled.*																						
	6/9/2019	*Well not sampled.*																						
	11/19/2019	*Well not sampled.*													*MDE determined that reporting geochemical parameters was no longer required*									
	5/19/2020	*Well not sampled.*																						
	11/16/2020	*Well not sampled.*																						
	6/4/2021	*Well not sampled.*																						
	12/8/2021	*Well not sampled.*																						
	6/7/2022	*Well not sampled.*																						
H-4A	9/5/2008	<10.0	**1.4**	<0.5	<10.0	<0.5	<0.5	<0.5	**17.0**	<0.5	<0.5	<0.5	<0.5	<0.5										
	12/7/2009	*Well not sampled.*																						
	4/30/2010	*Well not sampled.*																						
	5/18/2010	*Well not sampled.*																						
	4/24/2012	<10.0	<0.3	<0.5	<9.8	<0.4	<0.6	<0.5	**0.8** J	<0.7	<0.5	<0.7	<0.4	<0.6	*Prior to Natural Attenuation Monitoring Period*									
	6/5/2013	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	8/11/2015	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	**2.9** J	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	50.1	0.795	6.37	237.2	20.34
	11/17/2015	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	0	76.7	0.929	5.10	180.1	16.61
	2/24/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	0	54.2	0.369	5.77	165.9	13.92
	6/14/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	0	31.5	0.633	5.28	189.8	17.42
	11/14/2017	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	0	46.1	0.673	5.21	322.8	17.07
	3/22/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	6/21/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	12/4/2018	*Well not sampled.*																						
	6/9/2019	*Well not sampled.*																						
	11/19/2019	*Well not sampled.*													*MDE determined that reporting geochemical parameters was no longer required*									
	5/19/2020	*Well not sampled.*																						
	11/16/2020	*Well not sampled.*																						
	6/4/2021	*Well not sampled.*																						
	12/8/2021	*Well not sampled.*																						
	6/7/2022	*Well not sampled.*																						

Table 4
Historical Summary of Groundwater Sample Results
George's Deli & Gas and Victoria Farms
602 Deer Park Road and 2139 Sykesville Rd, Westminster, Maryland

Select Detected Petroleum Hydrocarbon Volatile Organic Compounds (VOCs) and Geochemical Parameters

Well	Date	VOCs													Geochemical Parameters									
		TAA (ug/L)	TAME (ug/L)	Benzene (ug/L)	TBA (ug/L)	sec-Butyl benzene (ug/L)	DIPE (ug/L)	Isopropyl benzene (ug/L)	MTBE (ug/L)	Naphtha-lene (ug/L)	1,2,4-Trimethyl benzene (ug/L)	1,3,5-Trimethyl benzene (ug/L)	o-Xylene (ug/L)	m,p-Xylene (ug/L)	Methane (mg/L)	Manganese (mg/L)	Nitrate (as N) (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)	Dissolved Oxygen (DO) (% of saturation)	Conductivity (mS/cm)	pH	Oxidation/ Reduction Potential	Temperature (°C)
MDE GW Standard		na	na	5.0E+00	na	na	na	4.5E+01	2.0E+01	1.7E-01	5.6E+00	6.0E+00	1.0E+04	1.0E+04	na	4.3E-02	na	na	na	na	na	na	na	na
H-6	9/5/2008	<150	**42.0**	58.0	<150	**8.6**	<7.5	29.0	597	41.0	9.3	<7.5	**10.0**	<7.5										
	12/7/2009	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	**13.0**	<5.0	<5.0	<5.0	<5.0	<5.0										
	4/30/2010	*Well not sampled.*																						
	5/18/2010	<20.0	**7.7**	**3.7** J	<15.0	<5.0	<5.0	**2.4** J	111	2.7 J	**3.5** J	<5.0	**1.5** J	<5.0	*Prior to Natural Attenuation Monitoring Period*									
	4/24/2012	<10.0	**5.0** J	5.9	**16.4**	**3.0** J	<0.6	6.3	59.0	4.1 J	<0.5	<0.7	<0.4	<0.6										
	6/4/2013	<20.0	**2.5**	**3.7**	<15.0	<5.0	<5.0	**2.8**	36.6	<5.0	<5.0	<5.0	<5.0	<5.0										
	8/13/2015	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	**5.1**	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0061	6.52	**4.6**	**3.5**	0	36.5	0.216	6.26	253.7	18.60
	11/17/2015	<20.0	<5.0	<5.0	<15.0	**2.1** J	<5.0	<5.0	**5.5**	<5.0	<5.0	<5.0	<5.0	<5.0	**0.0063**	<0.010	**5.1**	**1.6**	0	34.6	0.265	5.11	148.3	16.90
	2/25/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**0.208**	1.05	**5.7**	**2.7**	0	26.7	0.204	5.78	-99.5*	13.95
	6/14/2016	<20.0	<5.0	<5.0	<15.0	**2.1** J	<5.0	<5.0	**3.9** J	<5.0	<5.0	<5.0	<5.0	<5.0	**0.601**	7.06	**1.5**	**2.4**	0	3.4	-129.6*	6.11	0.264*	18.40
	11/14/2017	<20.0	<5.0	**4.6** J	<15.0	**4.8** J	<5.0	8.9	**10.1**	<5.0	<5.0	<5.0	<5.0	<5.0	**0.854**	8.93	<0.2	**2.9**	0	15.1	0.282	5.90	212.7	16.30
	3/22/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	6/19/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	12/3/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	6/6/2019	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	11/18/2019	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	**2.1**	<2.0	<2.0	<2.0	<2.0	<2.0										
	5/18/2020	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0										
	11/16/2020	<20.0	<2.0	**1.4** J	<15.0	**3.8**	<2.0	**2.0**	**3.5**	<2.0	<2.0	<2.0	<2.0	<2.0	*MDE determined that reporting geochemical parameters was no longer required*									
	6/2/2021	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0										
	12/6/2021	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0										
	6/6/2022	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0										
MW-1	9/3/2008	<7,500	**1,630**	<375	**26,400**	<375	<375	<375	25,400	<375	<375	<375	<375	<375										
	12/8/2009	<2,000	**883**	<500	**9,090**	<500	<500	<500	11,800	<500	<500	<500	<500	<500										
	4/30/2010	NA	**1,420**	91.2	**17,700**	**1.0** J	**29.0**	**4.2**	16,700	12.3	**4.7**	**1.2**	**13.7**	**3.5**										
	5/20/2010	**1,100** J	**1,370**	140 J	**17,800**	<500	<500	<500	17,400	<500	<500	<500	<500	<500	*Prior to Natural Attenuation Monitoring Period*									
	4/27/2012	<998	**794**	<49.0	**12,900**	<35.5	<64.7	<50.5	12,600	<68.2	<53.9	<68.0	<43.3	<61.3										
	6/7/2013	<800	**428**	<200	**4,760**	<200	<200	<200	6,030	<200	<200	<200	<200	<200										
	8/13/2015	<20.0	**39.8**	<5.0	**263**	<5.0	<5.0	<5.0	655	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0060	4.66	**6.1**	**6.8**	0	39.2	0.476	5.94	273.0	17.41
	11/20/2015	<40.0	**13.6**	<10.0	**51.1**	<10.0	<10.0	<10.0	255	<10.0	<10.0	<10.0	<10.0	<10.0	<0.0056	2.90	**5.5**	**4.7**	0	7.1	0.313	5.16	137.6	17.47
	2/26/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	36.5	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0055	2.88	**6.1**	**10.6**	0	15.5	0.279	5.33	255.5	14.19
	6/15/2016	<20.0	**5.5**	<5.0	**27.6**	<5.0	<5.0	<5.0	122	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0053	3.77	**6.1**	**7.7**	0	4.1	0.350	5.31	170.3	18.73
	11/17/2017	<20.0	**3.9** J	<5.0	**28.3**	<5.0	<5.0	<5.0	59.4	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0059	2.53	**5.3**	**5.0**	0	11.9	0.268	4.75	267.2	17.13
	3/23/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	**5.8**	<5.0	<5.0	<5.0	<5.0	<5.0										
	6/21/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	**4.8** J	<5.0	<5.0	<5.0	<5.0	<5.0										
	12/6/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	**2.4** J	<5.0	<5.0	<5.0	<5.0	<5.0										
	6/12/2019	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	**2.8** J	<5.0	<5.0	<5.0	<5.0	<5.0										
	11/20/2019	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	**3.7**	<2.0	<2.0	<2.0	<2.0	<2.0										
	5/19/2020	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	**1.7** J	<2.0	<2.0	<2.0	<2.0	<2.0										
	11/18/2020	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	**2.2**	<2.0	<2.0	<2.0	<2.0	<2.0	*MDE determined that reporting geochemical parameters was no longer required*									
	6/4/2021	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	**1.8** J	<2.0	<2.0	<2.0	<2.0	<2.0										
	12/9/2021	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	**1.2** J	<2.0	<2.0	<2.0	<2.0	<2.0										
	6/8/2022	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0										
MW-1A	9/3/2008	<6,000	**916**	<300	12900	<300	<300	<300	14,100	<300	<300	<300	<300	<300										
	12/8/2009	<2,000	**802**	<500	7,650.0	<500	<500	<500	10,700	<500	<500	<500	<500	<500										
	4/29/2010	NA	**880**	75.8	11,200.0	**1.5**	**20.3**	**4.1**	10,800	10.4	**1.1**	**0.3** J	**9.3**	**0.7** J										
	5/20/2010	<1,600	**853**	94.0 J	**14,600.0**	<400	<400	<400	11,700	<400	<400	<400	<400	<400	*Prior to Natural Attenuation Monitoring Period*									
	4/26/2012	<499	**511**	<24.5	**8,860.0**	<17.8	<32.4	<25.3	8,110	<34.1	<27.0	<34.0	<21.7	<30.7										
	6/7/2013	<500	**197**	<125	<1,600.0	<125	<125	<125	3,440	<125	<125	<125	<125	<125										
	8/13/2015	**56.3**	**64.1**	**4.3** J	**658.0**	<5.0	<5.0	<5.0	982	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0058	4.16	**6.3**	**7.5**	0	345.7*	0.621	5.83	278.1	14.58
	11/20/2015	<80.0	**34.2**	<20.0	**221.0**	<20.0	<20.0	<20.0	603	<20.0	<20.0	<20.0	<20.0	<20.0	**0.0081**	3.15	**5.6**	**6.0**	0	4.7	0.541	5.04	173.9	13.96
	2/26/2016	<80.0	**25.9**	<20.0	**314**	<20.0	<20.0	<20.0	570	<20.0	<20.0	<20.0	<20.0	<20.0	<0.0057	3.12	**4.8**	**6.2**	0	3.7	0.458	5.48	227.3	12.31
	6/15/2016	<80.0	**19.6** J	<20.0	**168**	<20.0	<20.0	<20.0	390	<20.0	<20.0	<20.0	<20.0	<20.0	<0.0062	3.21	**5.4**	**6.6**	0	3.6	0.480	5.44	160.3	16.25
	11/16/2017	<40.0	**18.2**	<10.0	**226**	<10.0	<10.0	<10.0	272	<10.0	<10.0	<10.0	<10.0	<10.0	<0.0054	3.07	**5.3**	**5.4**	0	14.1	0.442	4.92	310.7	14.20
	3/23/2018	**23.0**	**13.9**	<5.0	**135**	<5.0	<5.0	<5.0	194	<5.0	<5.0	<5.0	<5.0	<5.0										
	6/21/2018	<20.0	**10.3**	<5.0	**92.2**	<5.0	<5.0	<5.0	161	<5.0	<5.0	<5.0	<5.0	<5.0										
	12/6/2018	<20.0	**5.5**	<5.0	**29.4**	<5.0	<5.0	<5.0	82.2	<5.0	<5.0	<5.0	<5.0	<5.0										
	6/12/2019	<20.0	**5.3**	<5.0	**60.7**	<5.0	<5.0	<5.0	85.4	<5.0	<5.0	<5.0	<5.0	<5.0										
	11/21/2019	<20.0	**7.4**	**1.4** J	**93.2**	<2.0	<2.0	<2.0	125	<2.0	<2.0	<2.0	<2.0	<2.0										
	5/21/2020	<20.0	**3.5**	<2.0	**32.9**	<2.0	<2.0	<2.0	67.5	<2.0	<2.0	<2.0	<2.0	<2.0										
	11/18/2020	<20.0	**4.2**	**1.2** J	**86.1**	<2.0	<2.0	<2.0	79.8	<2.0	<2.0	<2.0	<2.0	<2.0										
	6/8/2021	<20.0	**4.0**	<2.0	**38.8**	<2.0	<2.0	<2.0	69.1	<2.0	<2.0	<2.0	<2.0	<2.0										
	12/10/2021	<20.0	**3.6**	<2.0	**39.5**	<2.0	<2.0	<2.0	59.6	<2.0	<2.0	<2.0	<2.0	<2.0										
	6/8/2022	<20.0	**4.6**	<2.0	**41.2**	<2.0	<2.0	<2.0	72.8	<2.0	<2.0	<2.0	<2.0	<2.0										

Table 4
Historical Summary of Groundwater Sample Results
George's Deli & Gas and Victoria Farms
602 Deer Park Road and 2139 Sykesville Rd, Westminster, Maryland

Select Detected Petroleum Hydrocarbon Volatile Organic Compounds (VOCs) and Geochemical Parameters

Well	Date	VOCs													Geochemical Parameters									
		TAA (ug/L)	TAME (ug/L)	Benzene (ug/L)	TBA (ug/L)	sec-Butyl benzene (ug/L)	DIPE (ug/L)	Isopropyl benzene (ug/L)	MTBE (ug/L)	Naphtha-lene (ug/L)	1,2,4-Trimethyl benzene (ug/L)	1,3,5-Trimethyl benzene (ug/L)	o-Xylene (ug/L)	m,p-Xylene (ug/L)	Methane (mg/L)	Manganese (mg/L)	Nitrate (as N) (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)	Dissolved Oxygen (DO) (% of saturation)	Conductivity (mS/cm)	pH	Oxidation/ Reduction Potential	Temperature (°C)
MDE GW Standard		na	na	5.0E+00	na	na	na	4.5E+01	2.0E+01	1.7E-01	5.6E+00	6.0E+00	1.0E+04	1.0E+04	na	4.3E-02	na	na	na	na	na	na	na	na
MW-2	9/5/2008	<400	**40**	<20.0	<400	<20.0	<20.0	<20.0	**1,350**	<20.0	<20.0	<20.0	<20.0	<20.0										
	12/8/2009	*Well not sampled.*																						
	4/30/2010	*Well not sampled.*																						
	5/18/2010	*Well not sampled.*																						
	4/26/2012	<1.0	**3.5**	<0.5	**30.3**	<0.4	<0.6	<0.5	**116**	<0.7	<0.5	<0.7	<0.4	<0.6										
	6/6/2013	<20.0	**8.0**	<5.0	**64.6**	<5.0	<5.0	<5.0	**186**	<5.0	<5.0	<5.0	<5.0	<5.0										
	8/13/2015	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	**40.6**	<5.0	<5.0	<5.0	<5.0	<5.0	**0.0068**	**0.878**	**11.0**	**16.5**	0	5.45	0.686	6.18	260.5	19.58
	11/19/2015	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	**17.1**	<5.0	<5.0	<5.0	<5.0	<5.0	**0.0241**	**0.919**	**12.5**	**17.8**	0	7.3	0.775	5.10	149.0	17.38
	2/25/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	**2.8** J	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0059	**1.09**	**11.8**	**8.0**	0	14.1	0.591	5.36	176.7	15.41
	6/15/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	**56.3**	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0057	**1.05**	**10.3**	**14.0**	0	3.7	0.651	5.43	170.4	18.18
	11/15/2017	<20.0	**2.9** J	<5.0	**17.9**	<5.0	<5.0	<5.0	**105**	<5.0	<5.0	<5.0	<5.0	<5.0	**0.0079**	**0.894**	**13.8**	**14.6**	0	13.6	0.735	5.03	169.5	18.69
	3/23/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	**3.1** J	<5.0	<5.0	<5.0	<5.0	<5.0										
	6/19/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	**2.1** J	<5.0	<5.0	<5.0	<5.0	<5.0										
	12/4/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	6/10/2019	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	11/18/2019	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	**13.9**	<2.0	<2.0	<2.0	<2.0	<2.0										
	5/20/2020	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	**2.6**	<2.0	<2.0	<2.0	<2.0	<2.0										
	11/16/2020	<20.0	**2.1**	<2.0	<15.0	<2.0	<2.0	<2.0	**78.0**	<2.0	<2.0	<2.0	<2.0	<2.0										
	6/7/2021	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	**6.0**	<2.0	<2.0	<2.0	<2.0	<2.0										
	12/9/2021	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	**5.2**	<2.0	<2.0	<2.0	<2.0	<2.0										
	6/7/2022	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	**2.6**	<2.0	<2.0	<2.0	<2.0	<2.0										
MW-3	9/5/2008	<10.0	<0.5	<0.5	<10.0	<0.5	<0.5	<0.5	**0.7**	**1.4**	**5.8**	<0.5	**6.0**	**7.6**										
	12/7/2009	*Well not sampled.*																						
	4/30/2010	*Well not sampled.*																						
	5/18/2010	*Well not sampled.*																						
	4/24/2012	<10.0	<0.3	<0.5	<9.8	<0.4	<0.6	<0.5	<0.3	<0.7	<0.5	<0.7	<0.4	<0.6										
	6/5/2013	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	8/11/2015	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0061	**0.305**	**5.5**	**61.8**	0	54.6	0.279	5.56	289.4	18.30
	11/18/2015	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0061	**0.311**	**4.9**	**62.8**	0	57.5	0.399	13.60*	133.7	16.57
	2/24/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0062	**0.255**	**6.2**	**45.3**	0	28.8	0.254	5.42	178.6	15.13
	6/14/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0061	**0.311**	**6.0**	**51.5** E	0	39.6	0.249	5.38	162.0	17.68
	11/15/2017	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0065	**0.152**	**5.5**	**67.5**	0	43.5	0.264	4.86	311.5	16.50
	3/22/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	6/21/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	12/4/2018	*Well not sampled.*																						
	6/9/2019	*Well not sampled.*																						
	11/19/2019	*Well not sampled.*																						
	5/19/2020	*Well not sampled.*																						
	11/16/2020	*Well not sampled.*																						
	6/4/2021	*Well not sampled.*																						
	12/8/2021	*Well not sampled.*																						
	6/7/2022	*Well not sampled.*																						
MW-4	9/5/2008	<3,000	**536**	<150	**7,140**	<150	<150	<150	**9,460**	<150	<150	<150	<150	<150										
	12/8/2009	<800	**356**	<200	**2,930**	<200	<200	<200	**4,920**	<200	<200	<200	<200	<200										
	4/30/2010	*Well not sampled.*																						
	5/18/2010	<800	**279**	<200	**3,040**	<200	<200	<200	**4,250**	<200	<200	<200	<200	<200										
	4/26/2012	<150	**155**	<7.4	**2,400**	<5.3	<9.7	<7.6	**2,660**	<10.2	<8.1	<10.2	<6.5	<9.2										
	6/4/2013	<500	**175**	<125	**1,570**	<125	<125	<125	**2,910**	<125	<125	<125	<125	<125										
	8/14/2015	<20.0	**8.0**	<5.0	**59.5**	<5.0	<5.0	<5.0	**171**	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0057	NA	NA	NA	NA	*NM (purged and sampled via bailer)*				
	11/16/2015	<100	**34.9**	<25.0	**244**	<25.0	<25.0	<25.0	**688**	<25.0	<25.0	<25.0	<25.0	<25.0	NA	NA	NA	NA	0	*NM (purged and sampled via bailer)*				
	2/22/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	**42.3**	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	0	*NM (purged and sampled via bailer)*				
	6/17/2016	<20.0	**16.2**	<5.0	**66.6**	<5.0	<5.0	<5.0	**316** K	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	*NM (purged and sampled via bailer)*				
	11/13/2017	*Well not sampled - Dry.*													*Well not sampled - Dry.*									
	3/20/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	**2.5** J	<5.0	<5.0	<5.0	<5.0	<5.0										
	6/18/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	12/4/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	6/11/2019	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	11/21/2019	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	**22.3**	<2.0	<2.0	<2.0	<2.0	<2.0										
	5/20/2020	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0										
	11/16/2020	*Well not sampled - Dry.*																						
	6/3/2021	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0										
	12/6/2021	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0										
	6/6/2022	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0										

Prior to Natural Attenuation Monitoring Period

MDE determined that reporting geochemical parameters was no longer required

Table 4
Historical Summary of Groundwater Sample Results
George's Deli & Gas and Victoria Farms
602 Deer Park Road and 2139 Sykesville Rd, Westminster, Maryland

Select Detected Petroleum Hydrocarbon Volatile Organic Compounds (VOCs) and Geochemical Parameters

Well	Date	VOCs													Geochemical Parameters									
		TAA (ug/L)	TAME (ug/L)	Benzene (ug/L)	TBA (ug/L)	sec-Butyl benzene (ug/L)	DIPE (ug/L)	Isopropyl benzene (ug/L)	MTBE (ug/L)	Naphtha-lene (ug/L)	1,2,4-Trimethyl benzene (ug/L)	1,3,5-Trimethyl benzene (ug/L)	o-Xylene (ug/L)	m,p-Xylene (ug/L)	Methane (mg/L)	Manganese (mg/L)	Nitrate (as N) (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)	Dissolved Oxygen (DO) (% of saturation)	Conductivity (mS/cm)	pH	Oxidation/ Reduction Potential	Temperature (°C)
MDE GW Standard		na	na	5.0E+00	na	na	na	4.5E+01	2.0E+01	1.7E-01	5.6E+00	6.0E+00	1.0E+04	1.0E+04	na	4.3E-02	na	na	na	na	na	na	na	na
MW-5	9/5/2008	<10.0	<0.5	<0.5	<10.0	<0.5	<0.5	<0.5	**0.6**	<0.5	<0.5	<0.5	<0.5	**0.7**										
	12/7/2009	*Well not sampled.*																						
	4/30/2010	*Well not sampled.*																						
	5/18/2010	*Well not sampled.*													*Prior to Natural Attenuation Monitoring Period*									
	4/24/2012	<10.0	<0.3	<0.5	<9.8	<0.4	<0.6	<0.5	<0.3	<0.7	<0.5	<0.7	<0.4	<0.6										
	6/5/2013	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	8/14/2015	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0057	**0.227**	**5.1**	**3.2**	0	57.2	0.105	5.39	317.3	17.71
	11/18/2015	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0062	**0.322**	**7.0**	<2.0	0	259.0*	0.198	12.78*	149.7	18.55
	2/25/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0058	**0.326**	**4.7**	**5.0**	0	26.7	0.113	4.92	184.7	14.46
	6/15/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0058	**0.249**	**6.2**	<1.0	0	27.0	0.065	4.77	226.1	16.57
	11/15/2017	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0083	**0.320**	**8.6**	<1.0	0	36.7	0.144	4.49	281.2	18.33
	3/22/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	6/21/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	12/4/2018	*Well not sampled.*																						
	6/9/2019	*Well not sampled.*																						
	11/19/2019	*Well not sampled.*																						
	5/19/2020	*Well not sampled.*																						
	11/16/2020	*Well not sampled.*																						
	6/4/2021	*Well not sampled.*																						
	12/8/2021	*Well not sampled.*																						
	6/7/2022	*Well not sampled.*																						
MW-6	09/2008	*Well not sampled - Dry.*																						
	12/10/2009	<20.0	**11**	<5.0	**94**	<5.0	<5.0	<5.0	**155**	<5.0	<5.0	<5.0	<5.0	<5.0										
	4/30/2010	*Well not sampled.*																						
	5/19/2010	<80.0	**32**	<20.0	<60.0	<20.0	<20.0	<20.0	**457**	<20.0	<20.0	<20.0	<20.0	<20.0										
	4/25/2012	<10.0	<0.3	<0.5	<9.8	<0.4	<0.6	<0.5	<0.3	<0.7	<0.5	<0.7	<0.4	<0.6										
	6/5/2013	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	**3.5**	<5.0	<5.0	<5.0	<5.0	<5.0										
	8/12/2015	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	**2.7** J	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	*NM (purged and sampled via bailer)*				
	11/16/2015	*Well not sampled - Nearly Dry.*													*Well not sampled - Nearly Dry.*									
	2/22/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	0	*NM (purged and sampled via bailer)*				
	6/17/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	0	*NM (purged and sampled via bailer)*				
	11/13/2017	*Well not sampled - Dry.*													*Well not sampled - Dry.*									
	3/20/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	6/18/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	12/4/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	6/10/2019	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	11/19/2019	*Well not sampled - Dry.*																						
	5/20/2020	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0										
	11/16/2020	*Well not sampled - Dry.*																						
	6/3/2021	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0										
	12/7/2021	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0										
	6/6/2022	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0										
MW-7A	9/3/2008	<2,500	**421**	<125	**5,710**	<125	<125	<125	**7,510**	<125	<125	<125	<125	<125										
	12/9/2009	<1,000	**445**	**68.0**	**3,280**	<250	<250	<250	**6,640**	<250	<250	<250	<250	<250										
	4/28/2010	NA	**442**	**65.9**	**4,810**	**0.5** J	**13.1**	**4.0**	**5,770**	**8.6**	<0.5	<0.2	**11.9**	<0.4										
	5/20/2010	**410** J	**452**	**61.0** J	**6,650**	<200	<200	<200	**6,600**	<200	<200	<200	<200	<200										
	4/27/2012	<250	**276**	<12.3	**4,380**	<8.9	<16.2	<12.6	**4,700**	<17.1	<13.5	<17.0	<10.8	<15.3										
	6/6/2013	<500	**146**	<125	**1,270**	<125	<125	<125	**2,390**	<125	<125	<125	<125	<125										
	8/12/2015	<200	**57.8**	<50.0	**953**	<50.0	<50.0	<50.0	**1,160**	<50.0	<50.0	<50.0	<50.0	<50.0	<0.0060	**0.072**	**5.9**	**6.9**	0	34.1	0.409	5.58	285.6	14.16
	11/19/2015	<200	**34.2** J	<50.0	**303**	<50.0	<50.0	<50.0	**752**	<50.0	<50.0	<50.0	<50.0	<50.0	<0.0057	**0.061**	**6.3**	**4.6**	0	4.0	0.415	4.96	223.3	14.36
	2/25/2016	<100	**46.9**	<25.0	**452**	<25.0	<25.0	<25.0	**917**	<25.0	<25.0	<25.0	<25.0	<25.0	<0.0082	**0.064**	**6.1**	**6.0**	0	3.4	0.392	5.37	228.2	12.53
	6/16/2016	<100	**38.3**	<25.0	**329**	<25.0	<25.0	<25.0	**557**	<25.0	<25.0	<25.0	<25.0	<25.0	<0.0056	**0.064**	**6.0**	**5.8**	0	3.5	0.389	5.35	187.3	15.03
	11/16/2017	<60.0	**20.4**	<15.0	**253**	<15.0	<15.0	<15.0	**332**	<15.0	<15.0	<15.0	<15.0	<15.0	<0.0057	**0.0518**	**6.6**	**4.7**	0	13.6	0.371	4.77	326.3	14.02
	3/20/2018	<40.0	**18.4**	<10.0	**151**	<10.0	<10.0	<10.0	**282**	<10.0	<10.0	<10.0	<10.0	<10.0										
	6/21/2018	<20.0	**12.1**	<5.0	**67.8**	<5.0	<5.0	<5.0	**210** E	<5.0	<5.0	<5.0	<5.0	<5.0										
	12/5/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	**9.3**	<5.0	<5.0	<5.0	<5.0	<5.0										
	6/11/2019	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	11/20/2019	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	**13.3**	<2.0	<2.0	<2.0	<2.0	<2.0										
	5/19/2020	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	**1.2** J	<2.0	<2.0	<2.0	<2.0	<2.0										
	11/17/2020	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	**3.9**	<2.0	<2.0	<2.0	<2.0	<2.0										
	6/7/2021	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	**3.4**	<2.0	<2.0	<2.0	<2.0	<2.0										
	12/9/2021	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	**2.3**	<2.0	<2.0	<2.0	<2.0	<2.0										
	6/7/2022	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	**1.7** J	<2.0	<2.0	<2.0	<2.0	<2.0										

MDE determined that reporting geochemical parameters was no longer required

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Table 4
Historical Summary of Groundwater Sample Results
George's Deli & Gas and Victoria Farms
602 Deer Park Road and 2139 Sykesville Rd, Westminster, Maryland

Select Detected Petroleum Hydrocarbon Volatile Organic Compounds (VOCs) and Geochemical Parameters

Well	Date	VOCs													Geochemical Parameters									
		TAA (ug/L)	TAME (ug/L)	Benzene (ug/L)	TBA (ug/L)	sec-Butyl benzene (ug/L)	DIPE (ug/L)	Isopropyl benzene (ug/L)	MTBE (ug/L)	Naphtha-lene (ug/L)	1,2,4-Trimethyl benzene (ug/L)	1,3,5-Trimethyl benzene (ug/L)	o-Xylene (ug/L)	m,p-Xylene (ug/L)	Methane (mg/L)	Manganese (mg/L)	Nitrate (as N) (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)	Dissolved Oxygen (DO) (% of saturation)	Conductivity (mS/cm)	pH	Oxidation/ Reduction Potential	Temperature (°C)
MDE GW Standard		na	na	5.0E+00	na	na	na	4.5E+01	2.0E+01	1.7E-01	5.6E+00	6.0E+00	1.0E+04	1.0E+04	na	4.3E-02	na	na	na	na	na	na	na	na
MW-7B	09/2008	*Well not sampled - installed in 2009.*																						
	12/9/2009	<500	**273**	<125	**2,170**	<125	<125	<125	**3,910**	<125	<125	<125	<125	<125										
	4/29/2010	NA	**135**	<0.3	**555**	<0.4	**3.4** J	<0.2	**1,650**	<0.5	<0.5	<0.2	<0.1	<0.4										
	5/19/2010	<200	**120**	<50.0	<150	<50.0	<50.0	<50.0	**1,770**	<50.0	<50.0	<50.0	<50.0	<50.0										
	4/27/2012	<10.0	<0.3	<0.5	<9.8	<0.4	<0.6	<0.5	**26.1**	<0.7	<0.5	<0.7	<0.4	<0.6										
	6/6/2013	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	8/12/2015	<20.0	**5.1**	<5.0	**64.9**	<5.0	<5.0	<5.0	**143**	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0060	**2.08**	**0.7**	**3.6**	0	22.6	0.404	6.76	205.9	17.70
	11/19/2015	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0065	**0.334**	**0.8**	**1.8**	0	10.8	0.390	6.53	125.8	14.02
	2/25/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	**16.8**	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0053	**0.096**	**11.8**	**2.3**	0	53.2	0.167	5.28	212.4	11.31
	6/16/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0072	**0.176**	**10.9**	**3.3**	0	39.9	0.183	5.26	224.7	15.77
	11/16/2017	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0057	**0.186**	**11.9**	**3.1**	0	37.2	0.192	4.70	360.1	13.13
	3/19/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	6/22/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	12/5/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	6/11/2019	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	11/20/2019	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0										
	5/19/2020	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0										
	11/17/2020	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0										
	6/7/2021	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0										
	12/8/2021	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0										
	6/7/2022	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0										
MW-7R	09/2008	*Well not sampled - installed in 2009. MW-7 was dry. MW-7R replaced MW-7.*																						
	12/9/2009	<400	**165**	<100	**1,420**	<100	<100	<100	**2,210**	<100	<100	<100	<100	<100										
	4/29/2010	NA	**255**	**6.8**	**2,710**	<0.4	**4.8** J	**0.4** J	**2,990**	**1.6**	<0.5	<0.2	**1.4**	<0.4										
	5/19/2010	<500	**205**	<130	**1,810**	<130	<130	<130	**2,850**	<130	<130	<130	<130	<130										
	4/27/2012	<29.9	**27.5**	<1.5	**284**	<1.1	<1.9	<1.5	**455**	<2.0	<1.6	<2.0	<1.3	<1.8										
	6/6/2013	**57.1**	**11.6**	<10.0	**94.7**	<10.0	<10.0	<10.0	**188**	<10.0	<10.0	<10.0	<10.0	<10.0										
	8/12/2015	<80.0	**23.9**	<20.0	**180**	<20.0	<20.0	<20.0	**447**	<20.0	<20.0	<20.0	<20.0	<20.0	<0.0055	**0.595**	**6.0**	**24.6**	0	33.0	0.286	5.35	286.5	17.43
	11/19/2015	<20.0	**3.9** J	<5.0	<15.0	<5.0	<5.0	<5.0	**95.1**	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0055	**0.491**	**6.2**	**28.6**	0	13.4	0.274	4.81	252.1	16.77
	2/26/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	**12.4**	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0052	**0.254**	**5.6**	**30.6**	0	44.0	0.200	5.18	219.1	13.22
	6/16/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	**17.4**	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0065	**0.354**	**6.2**	**30.2**	0	22.2	0.236	4.99	220.1	16.08
	11/16/2017	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	**11.5**	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0058	**0.256**	**7.5**	**22.8**	0	26.3	0.236	4.59	345.8	16.10
	3/20/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	**13.9**	<5.0	<5.0	<5.0	<5.0	<5.0										
	6/21/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	12/5/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	6/11/2019	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	11/20/2019	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	**2.3**	<2.0	<2.0	<2.0	<2.0	<2.0										
	5/19/2020	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0										
	11/17/2020	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0										
	6/7/2021	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0										
	12/8/2021	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0										
	6/7/2022	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0										
Lot 4 Well	8/29/2008	<10.0	<0.5	<0.5	<10.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5										
	12/10/2009	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	4/30/2010	NA	<0.3	<0.3	<2.6	<0.4	<0.3	<0.2	<0.4	<0.5	<0.5	<0.2	<0.1	<0.4										
	5/17/2010	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	4/26/2012	<10.0	<0.3	<0.5	<9.8	<0.4	<0.6	<0.5	<0.3	<0.7	<0.5	<0.7	<0.4	<0.6										
	6/4/2013	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	8/11/2015	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0061	<0.010	**7.1**	**5.8**	0	66.8	0.644	5.34	280.6	15.33
	11/17/2015	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**0.0056**	<0.010	**6.9**	**4.1**	0	83.6	0.883	5.37	179.2	14.15
	2/23/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0053	<0.010	<0.4	**4.0**	**0.25**	53.4	0.668	5.92	136.6	12.35
	6/13/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0056	<0.010	**8.1**	**4.0**	0	52.9	0.611	6.10	125.4	14.82
	11/14/2017	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0061	<0.010	**7.7**	**5.3**	0	57.8	0.682	5.65	328.7	14.01
	3/19/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	6/18/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	12/4/2018	*Well not sampled.*																						
	6/9/2019	*Well not sampled.*																						
	11/19/2019	*Well not sampled.*																						
	5/19/2020	*Well not sampled.*																						
	11/16/2020	*Well not sampled.*																						
	6/4/2021	*Well not sampled.*																						
	12/8/2021	*Well not sampled.*																						
	6/7/2022	*Well not sampled.*																						

Prior to Natural Attenuation Monitoring Period

MDE determined that reporting geochemical parameters was no longer required

Table 4
Historical Summary of Groundwater Sample Results
George's Deli & Gas and Victoria Farms
602 Deer Park Road and 2139 Sykesville Rd, Westminster, Maryland

Select Detected Petroleum Hydrocarbon Volatile Organic Compounds (VOCs) and Geochemical Parameters

Well	Date	VOCs													Geochemical Parameters									
		TAA (ug/L)	TAME (ug/L)	Benzene (ug/L)	TBA (ug/L)	sec-Butyl benzene (ug/L)	DIPE (ug/L)	Isopropyl benzene (ug/L)	MTBE (ug/L)	Naphtha-lene (ug/L)	1,2,4-Trimethyl benzene (ug/L)	1,3,5-Trimethyl benzene (ug/L)	o-Xylene (ug/L)	m,p-Xylene (ug/L)	Methane (mg/L)	Manganese (mg/L)	Nitrate (as N) (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)	Dissolved Oxygen (DO) (% of saturation)	Conductivity (mS/cm)	pH	Oxidation/ Reduction Potential	Temperature (°C)
MDE GW Standard		na	na	5.0E+00	na	na	na	4.5E+01	2.0E+01	1.7E-01	5.6E+00	6.0E+00	1.0E+04	1.0E+04	na	4.3E-02	na	na	na	na	na	na	na	na
Lot 7 Well	9/2/2008	<2,500	**293**	<125	**3,170**	<125	<125	<125	**5,820**	<125	<125	<125	<125	<125	*Prior to Natural Attenuation Monitoring Period*									
	12/10/2009	<1,000	<475	**79.0**	**4,630**	<250	<250	<250	**7,510**	<250	<250	<250	<250	<250										
	4/30/2010	NA	**473**	**74.2**	**5,350**	**1.3**	**14.5**	**4.1**	**6,640**	**9.0**	<0.5	<0.2	**13.6**	<0.4										
	5/17/2010	<1000	**461**	**78.0** J	**8,790**	<250	<250	<250	**6,880**	<250	<250	<250	<250	<250										
	4/27/2012	<499	**350**	<24.5	**5,580**	<17.8	<32.4	<25.3	**6,290**	<34.1	<27.0	<34.0	<21.7	<30.7										
	6/4/2013	<500	**227**	<125	**1,670**	<125	<125	<125	**4,050**	<125	<125	<125	<125	<125										
	8/14/2015	<500	**120** J	<125	**2,410**	<125	<125	<125	**2,720**	<125	<125	<125	<125	<125	**0.0053**	**0.046**	**5.5**	**4.8**	0	705.3*	0.533	6.23	275.2	14.30
	11/20/2015	<200	**80.2**	<50.0	**667**	<50.0	<50.0	<50.0	**1,630**	<50.0	<50.0	<50.0	<50.0	<50.0	**0.0101**	**0.037**	**5.7**	**3.3**	0	3.0	0.535	5.11	78.8	13.89
	2/26/2016	<200	**97.4**	<50.0	**1,670**	<50.0	<50.0	<50.0	**2,490**	<50.0	<50.0	<50.0	<50.0	<50.0	**0.0076**	**0.028**	**5.6**	**3.8**	0	3.1	0.532	5.45	205.1	12.53
	6/16/2016	<100	**73.4** J	<25.0	**719**	<25.0	<25.0	<25.0	**1,430** E	<25.0	<25.0	<25.0	<25.0	<25.0	<0.0058	**0.029**	**6.1**	**6.2**	0	3.4	0.514	5.45	172.3	14.00
	11/17/2017	<200	**69.2**	<50.0	**901**	<50.0	<50.0	<50.0	**1,060**	<50.0	<50.0	<50.0	<50.0	<50.0	<0.0064	**0.034**	**5.4**	**3.3**	0	11.4	0.491	4.92	277.0	13.29
	3/23/2018	<100	**56.3**	<25.0	**609**	<25.0	<25.0	<25.0	**814**	<25.0	<25.0	<25.0	<25.0	<25.0	*MDE determined that reporting geochemical parameters was no longer required*									
	6/22/2018	<100	**47.1**	<25.0	**507**	<25.0	<25.0	<25.0	**734**	<25.0	<25.0	<25.0	<25.0	<25.0										
	12/6/2018	<40.0	**23.1**	<10.0	**120**	<10.0	<10.0	<10.0	**372**	<10.0	<10.0	<10.0	<10.0	<10.0										
	6/12/2019	<40.0	**16.1**	<10.0	**219**	<10.0	<10.0	<10.0	**289**	<10.0	<10.0	<10.0	<10.0	<10.0										
	11/21/2019	<60.0	**15.0**	<6.0	**159**	<6.0	<6.0	<6.0	**291**	<6.0	<6.0	<6.0	<6.0	<6.0										
	5/21/2020	<40.0	**12.6**	<4.0	**109**	<4.0	<4.0	<4.0	**259**	<4.0	<4.0	<4.0	<4.0	<4.0										
	11/18/2020	<40.0	**13.2**	<4.0	**260**	<4.0	<4.0	<4.0	**280**	<4.0	<4.0	<4.0	<4.0	<4.0										
	6/8/2021	<40.0	**13.3**	<4.0	**112**	<4.0	<4.0	<4.0	**254**	<4.0	<4.0	<4.0	<4.0	<4.0										
	12/10/2021	<40.0	**11.8**	<4.0	**116**	<4.0	<4.0	<4.0	**204**	<4.0	<4.0	<4.0	<4.0	<4.0										
	6/8/2022	<20.0	**8.1**	<2.0	**68.3**	<2.0	<2.0	<2.0	**176**	<2.0	<2.0	<2.0	<2.0	<2.0										
Sentinel Well	9/5/2008	*Well not sampled - installed in 2013.*													*Prior to Natural Attenuation Monitoring Period*									
	12/7/2009																							
	4/30/2010																							
	5/18/2010																							
	4/24/2012																							
	6/5/2013	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	8/11/2015	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0063	<0.010	**6.9**	<1.0	0	54.6	0.170	5.23	309.2	16.25
	11/17/2015	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0055	<0.010	**7.3**	<1.0	0	73.0	0.212	4.97	191.8	13.72
	2/23/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0050	**0.040**	**7.0**	<1.0	0	46.6	0.168	5.45	156.2	12.80
	6/13/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0056	<0.010	**6.9**	<1.0	0	52.1	0.160	5.42	175.5	14.37
	11/14/2017	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0063	<0.010	**7.2**	<1.0	0	45.1	0.171	5.11	316.4	14.07
	3/19/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	*MDE determined that reporting geochemical parameters was no longer required*									
	6/19/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	12/3/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	6/6/2019	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0										
	11/18/2019	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0										
	5/18/2020	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0										
	11/16/2020	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0										
	6/2/2021	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0										
	12/6/2021	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0										
	6/6/2022	<20.0	<2.0	<2.0	<15.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0										

Table Notes:
Analytical Methods for Groundwater Samples: VOCs - EPA Method 8260B (September 2008 Samples: VOCs - EPA Method 524.2); Methane - EPA Method 8015M; Manganese - EPA Method 200.7; Nitrate and Sulfate - EPA Method 300.0; and Ferrous Iron - Hach color disc test kit.
µg/L - micrograms per liter or parts per billion (ppb)
mg/L - milligrams per liter or parts per million (ppm)
< - Analyte not detected above the specified Method Detection Limit (MDL) or Method Reporting Limit (MRL) (shown as a gray tone).
J - The reported concentration is less than the MRL but greater than the MDL. The concentration is considered to be estimated.
K - Result taken from alternate analysis. Sample analyzed at a higher dilution factor to allow calibration of this analyte.
E - The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
Bold - Detected analyte concentration. In cases where a sample had a duplicate, the higher result (sample or duplicate result) or lower MDL/MRL is reported.

na - Not Applicable
NA - Analyte not analyzed.
NM - Parameter not measured.
* - Erroneous Reading
TAA - tert-Amyl alcohol
TAME - tert-Amyl methyl ether
TBA - tert-Butanol
DIPE - Diisopropyl ether
MTBE - Methyl tert-butyl ether

Screening Evaluation Notes:
MDE GW Standards: MDE Groundwater Cleanup Standards for Type I and II Aquifers (October 2018)
Underline - MDL or MRL exceeds the respective MDE GW Standard.
Red, bold, and underline - Detected analyte concentration exceeds the respective MDE GW Standard.

Additional Screening Level Notes:

Analyte	MDE Groundwater Standard
m+p-Xylenes	Total Xylenes
o-Xylene	Total Xylenes

ATTACHMENT A

GROUNDWATER SAMPLING LOGS

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: MW-1	Date: 06/08/2022
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: MS Checked By:
EQUIPMENT	Water Level Indicator Type/ID #: Heron Dipper-T	Sampling Equipment: HF Scientific Micro TPW turbidity meter, Proactive® Hurricane 2" low-flow submersible pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.
	PID Type/ID #: NA		
WELL INFO	Casing I.D. (in) [a]: 2	Water Column Thickness (ft) [d-c]: 30.13	Ambient PID (ppm): NA
	Unit Casing Volume (gal/lin ft) [b]: 0.16	Well Volume (gal) {[d-c] x b}: 4.82 (X 3 = 14.5)	Well Mouth PID (ppm): NA
	Initial Depth to Water (ft) [c]: 53.02	Screened Interval (ft TOC): Unknown	Ground Condition of Well: Old; cover held up w/ cylinders
	Total Well Depth (ft) [d]: 83.15	Pump depth (ft TOC): 68 Pump depth (ft bgs):	Remarks: TOC = 0.67 ft BG

CASING INFO											
	Casing I.D. (in) [a]:	1.5	**2.0**	2.2	3.0	**4.0**	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	**0.16**	0.20	0.37	**0.65**	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conduc-tivity (µS/cm)	Redox Potential	Turb. (NTU)	DO (% / mg/L)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
06/08/22	09:43	53.66	0	0	0.2	—	—	—	—	—/—	—	NA	Slightly cloudy
	09:45	54.20	0.65	0.5	0.2	3.70	241	176.8	86.53	77.2/7.88	14.32	NA	↓ ↓
	09:50	54.19	-0.01	1.6	0.2	4.31	250	92.2	23.14	62.7/6.28	14.66	NA	Clear
	09:55	54.23	0.04	2.5	0.2	4.42	250	85.0	10.92	61.4/6.22	14.70	NA	
	10:00	54.23	0	3.5	0.2	4.54	250	73.0	9.22	58.5/5.92	14.71	NA	
	10:05	54.14	-0.09	4.5	0.2	4.71	249	53.4	8.86	56.0/5.68	14.69	NA	
	10:10	54.16	0.02	5.5	0.2	4.79	248	41.3	8.23	54.1/5.49	14.68	NA	
↓	10:15	54.19	0.03	6.5	0.2	4.79	247	36.7	7.86	54.3/5.51	14.61	NA	↓

Pumping Rate: <=0.5 L/min **Drawdown:** < 0.33 ft **Measurements:** 3-5 min **Stabilization:** +/- 0.1 pH, +/- 3% conductivity, +/- 10 mv redox pot., +/- 10% turb (<= 10 NTU ideal), and +/- 10% DO for 3 consecutive readings

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
MW-1 06/08/22 10:15	3 40-mL borosilicate glass vials	HCl	N	Pump	VOCs 8260

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: MW-1A	Date: 06/08/2022
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: MB Checked By:
EQUIPMENT	Water Level Indicator Type/ID #: Dipper-T Heron WLI ~~or H.Oil/IFP~~ MB 6/8/22	Sampling Equipment: HF Scientific Micro TPW turbidity meter, Proactive® Hurricaine 2" low-flow submersible pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.
	PID Type/ID #: NA		
WELL INFO	Casing I.D. (in) [a]: 4	Water Column Thickness (ft) [d-c]: 92.92	Ambient PID (ppm): NA
	Unit Casing Volume (gal/lin ft) [b]: 0.65	Well Volume (gal) {[d-c] x b}: 60.4 (X3 = 181.2)	Well Mouth PID (ppm): NA
	Initial Depth to Water (ft) [c]: 53.98	Screened Interval (ft TOC): 105 - 145	Ground Condition of Well: old; no bolts
	Total Well Depth (ft) [d]: 146.90	Pump depth (ft TOC): 125 Pump depth (ft bgs): 125.5	Remarks: TOC = 0.5 ft BG

CASING INFO										
Casing I.D. (in) [a]:	1.5	**2.0**	2.2	3.0	**4.0**	4.3	5.0	6.0	7.0	8.0
Unit Casing Volume (gal/lin ft) [b]:	0.09	**0.16**	0.20	0.37	**0.65**	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conduc-tivity (µS/cm)	Redox Potential	Turb. (NTU)	DO (% / mg/L)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
06/08/22	10:47	54.12	0	0	0.2	—	—	—	—	— / —	—	NA	Clear
	10:50	55.18	1.06	0.5	0.2	5.31	304	-29.1	8.63	76.6/7.81	13.21	NA	
	10:55	55.22	0.04	1.5	0.2	4.74	306	-3.8	9.29	36.9/3.87	13.29	NA	
	11:00	55.17	-0.05	2.0	0.1	4.97	305	-15.4	9.04	37.6/3.92	13.38	NA	↑ pump speed
	11:05	55.41	0.24	3.0	0.2	5.01	303	-20.3	8.50	38.6/4.04	13.37	NA	Clear
	11:10	55.41	0	4.0	0.2	5.03	303	-18.5	8.17	39.5/4.13	13.50	NA	
	11:15	55.51	0.10	5.0	0.2	5.00	301	-21.2	11.17	40.1/4.18	13.46	NA	
	11:20	56.69	0.08	6.0	0.2	4.98	300	-30.4	8.20	39.7/4.13	13.50	NA	

Pumping Rate: <=0.5 L/min **Drawdown:** < 0.33 ft **Measurements:** 3-5 min **Stabilization:** +/- 0.1 pH, +/- 3% conductivity, +/- 10 mv redox pot., +/- 10% turb (<= 10 NTU ideal), and +/- 10% DO for 3 consecutive readings

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
MW-1A 06/08/22 11:20	3 40-mL borosilicate glass vials	HCl	N	Pump	VOCs 8260

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: MW-2	Date: 06/07/2022
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: MS Checked By:
EQUIPMENT	Water Level Indicator Type/ID #: Heron Dipper-T	Sampling Equipment: HF Scientific Micro TPW turbidity meter, Proactive® Hurricane 2" low-flow submersible pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.
	PID Type/ID #: NA		
WELL INFO	Casing I.D. (in) [a]: 2	Water Column Thickness (ft) [d-c]: 34.72	Ambient PID (ppm): NA
	Unit Casing Volume (gal/lin ft) [b]: 0.16	Well Volume (gal) {[d-c] x b}: 5.56 (X3 = 16.7)	Well Mouth PID (ppm): NA
	Initial Depth to Water (ft) [c]: 49.14	Screened Interval (ft TOC): Unknown	Ground Condition of Well: old; 1 bolt
	Total Well Depth (ft) [d]: 83.86	Pump depth (ft TOC): 66.5 Pump depth (ft bgs):	Remarks: TOC = 0.33 ft BG

CASING INFO										
Casing I.D. (in) [a]:	1.5	**2.0**	2.2	3.0	**4.0**	4.3	5.0	6.0	7.0	8.0
Unit Casing Volume (gal/lin ft) [b]:	0.09	**0.16**	0.20	0.37	**0.65**	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conduc-tivity (µS/cm)	Redox Potential	Turb. (NTU)	DO (% / mg/L)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
06/07/22	14:14	49.20	0	0	0.18	—	—	—	—	—/—	—	NA	Very cloudy
	14:15	50.59	1.39	0.2	0.16	5.05	308	−28.1	96.62	62.2/6.13	15.08	NA	Cloudy ↑speed
	14:20	51.45	0.86	1	0.16	4.78	299	−10.3	383.7	43.2/4.36	14.81	NA	Very cloudy
	14:25	51.66	0.21	2	0.1	4.81	294	−4.4	469.7	43.5/4.40	14.90	NA	↑speed
	14:30	51.58	0.08	2.75	0.15	4.84	288	−0.4	329.0	45.0/4.53	15.08	NA	↑speed
	14:35	51.75	0.17	3.5	0.15	4.85	287	−1.9	242.7	45.8/4.61	15.08	NA	↑speed
	14:40	52.18	0.43	4.5	2	4.86	289	−4.7	129.0	46.4/4.67	15.02	NA	
↓	14:45	52.46	0.28	5.5	2	4.88	290	−8.6	146.4	46.1/4.66	14.89	NA	

Pumping Rate: <=0.5 L/min **Drawdown:** < 0.33 ft **Measurements:** 3-5 min **Stabilization:** +/- 0.1 pH, +/- 3% conductivity, +/- 10 mv redox pot., +/- 10% turb (<= 10 NTU ideal), and +/- 10% DO for 3 consecutive readings

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
MW-2 06/07/22 14:45	3 40-mL borosilicate glass vials	HCl	N	Pump	VOCs 8260

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	**Site:** Victoria Farms - George's Deli & Gas	**LocID:** MW-4	**Date:** 06/06/2022
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: MS Checked By:
EQUIPMENT	Water Level Indicator Type/ID #: Heron Dipper-T	Sampling Equipment: HF Scientific Micro TPW turbidity meter, Proactive® Hurricane 2" low-flow submersible pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.
	PID Type/ID #: NA		
WELL INFO	Casing I.D. (in) [a]: 2	Water Column Thickness (ft) [d-c]: 13.84	Ambient PID (ppm): NA
	Unit Casing Volume (gal/lin ft) [b]: 0.16	Well Volume (gal) {[d-c] x b}: 2.21 (X3= 6.63)	Well Mouth PID (ppm): NA
	Initial Depth to Water (ft) [c]: 54.63	Screened Interval (ft TOC): 38-68	Ground Condition of Well: Old; no bolts
	Total Well Depth (ft) [d]: 68.47	Pump depth (ft TOC): 63.5 Pump depth (ft bgs): 63.75	Remarks: TOC = 0.52 ft BG

CASING INFO											
Casing I.D. (in) [a]:	1.5	**2.0**	2.2	3.0	**4.0**	4.3	5.0	6.0	7.0	8.0
Unit Casing Volume (gal/lin ft) [b]:	0.09	**0.16**	0.20	0.37	**0.65**	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conduc-tivity (µS/cm)	Redox Potential	Turb. (NTU)	DO (% / mg/L)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
06/06/22	14:43	54.80	0	0	0.14	—	—	—	—	—/—	—	NA	Cloudy; yellowish brown
	14:45	55.67	0.87	0.3	0.14	4.86	50	19.6	671	95.0/9.56	14.25	NA	
	14:50	55.70	0.03	1	0.14	4.72	50	45.8	365	75.5/7.69	14.38	NA	
	14:55	55.81	0.11	2	0.2	4.69	52	64.7	213	67.1/6.83	14.66	NA	Slightly cloudy
	15:00	55.75	-0.06	3	0.2	4.71	52	64.8	98	64.0/6.46	14.85	NA	
	15:05	56.14	0.39	3.5	0.1	4.69	52	66.1	61	63.5/6.46	14.59	NA	
	15:10	56.10	-0.04	4	0.1	4.67	52	63.0	31.88	63.1/6.45	14.39	NA	Clear
	15:15	—	—	—	—	—	—	—	45.54	—/—	—	NA	Sample time

Pumping Rate: <=0.5 L/min **Drawdown:** < 0.33 ft **Measurements:** 3-5 min **Stabilization:** +/- 0.1 pH, +/- 3% conductivity, +/- 10 mv redox pot., +/- 10% turb (<= 10 NTU ideal), and +/- 10% DO for 3 consecutive readings

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
MW-4 06/06/22 15:15	3 40-mL borosilicate glass vials	HCl	N	Pump	VOCs 8260

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	**Site: Victoria Farms - George's Deli & Gas**	LocID: MW-6	Date: 06/06/2022
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: MIS Checked By:
EQUIPMENT	Water Level Indicator Type/ID #: Heron Dipper-T	Sampling Equipment: HF Scientific Micro TPW turbidity meter, Proactive® Hurricane 2" low-flow submersible pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.
	PID Type/ID #: NA		
WELL INFO	Casing I.D. (in) [a]: 2	Water Column Thickness (ft) [d-c]: 7.53	Ambient PID (ppm): NA
	Unit Casing Volume (gal/lin ft) [b]: 0.16	Well Volume (gal) {[d-c] x b}: 1.21 (X3 = 3.63)	Well Mouth PID (ppm): NA
	Initial Depth to Water (ft) [c]: 65.32	Screened Interval (ft TOC): 43-73	Ground Condition of Well: old; no bolts
	Total Well Depth (ft) [d]: 72.86	Pump depth (ft TOC): 69 Pump depth (ft bgs): 69.25	Remarks: TOC = 0.25 ft BG

CASING INFO										
Casing I.D. (in) [a]:	1.5	**2.0**	2.2	3.0	**4.0**	4.3	5.0	6.0	7.0	8.0
Unit Casing Volume (gal/lin ft) [b]:	0.09	**0.16**	0.20	0.37	**0.65**	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conduc-tivity (µS/cm)	Redox Potential	Turb. (NTU)	DO (% / mg/L)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
06/06/22	13:43	65.16	0	0	0.1	—	—	—	—	—/—	—	NA	
	13:53	67.23	2.07	0.5	0.1	6.23	—	—	52	—/—	—	NA	Stopped + restarted w/ pump lower
	13:55	68.81	1.58	1	0.1	6.95	139	109.1	413.4	83.9/8.38	15.37	NA	
	14:00	69.36	0.55	2	0.2	5.95	139	120.4	996	77.2/7.73	15.59	NA	
	14:05	70.19	0.83	2.5	0.1	5.76	161	152.2	530	76.7/7.73	15.19	NA	
	14:10	70.81	0.62	3.5	0.2	5.71	164	148.1	529	72.2/7.19	15.51	NA	
	14:15	70.82	0.01	4	0.1	5.70	169	144.0	442	74.5/7.50	15.03	NA	
↓	14:20	—	—	—	—	—	—	—	—	—/—	—	NA	Sample time

Pumping Rate: <=0.5 L/min **Drawdown:** < 0.33 ft **Measurements:** 3-5 min **Stabilization:** +/- 0.1 pH, +/- 3% conductivity, +/- 10 mv redox pot., +/- 10% turb (<= 10 NTU ideal), and +/- 10% DO for 3 consecutive readings

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
MW-6 06/06/22 14:20	3 40-mL borosilicate glass vials	HCl	N	Pump	VOCs 8260

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: MW-7A	Date: 06/07/2022
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: MJ Checked By:
EQUIPMENT	Water Level Indicator Type/ID #: Heron Dipper-T PID Type/ID #: NA	Sampling Equipment: HF Scientific Micro TPW turbidity meter, Proactive® Hurricane 2" low-flow submersible pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.
WELL INFO	Casing I.D. (in) [a]: 4 Unit Casing Volume (gal/lin ft) [b]: 0.65 Initial Depth to Water (ft) [c]: 70.08 Total Well Depth (ft) [d]: 145.35	Water Column Thickness (ft) [d-c]: 75.27 Well Volume (gal) {[d-c] x b}: 48.9 (X3=146.8) Screened Interval (ft TOC): 125-145 Pump depth (ft TOC): 135 Pump depth (ft bgs):	Ambient PID (ppm): NA Well Mouth PID (ppm): NA Ground Condition of Well: Old but good Remarks: TOC = 2.11 ft AGS

CASING INFO											
Casing I.D. (in) [a]:	1.5	**2.0**	2.2	3.0	**4.0**	4.3	5.0	6.0	7.0	8.0
Unit Casing Volume (gal/lin ft) [b]:	0.09	**0.16**	0.20	0.37	**0.65**	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conduc-tivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (% / mg/L)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
06/07/22	13:04	70.23	0	0	0.2	—	—	—	—	— / —	—	NA	Clear
	13:05	70.31	0.08	0.2	0.2	5.01	240	-18.4	5.67	30.2/5.22	13.01	NA	
	13:10	70.35	0.04	1.5	0.2	4.71	238	-15.7	4.04	36.0/3.78	12.91	NA	
	13:15	70.35	0	2.5	0.2	4.80	235	-19.7	5.06	33.5/3.43	13.02	NA	
	13:20	70.35	0	3.5	0.2	4.83	231	-23.6	5.23	29.3/3.08	13.13	NA	
	13:25	70.32	-0.03	4.5	0.2	4.86	250	-28.7	5.94	28.8/3.03	13.17	NA	
	13:30	70.35	0.03	5.5	0.2	4.89	251	-33.5	6.24	29.1/3.06	13.12	NA	
	13:35	"	—	—	—	—	—	—	—	— / —	—	NA	Sample time

Pumping Rate: <=0.5 L/min **Drawdown:** < 0.33 ft **Measurements:** 3-5 min **Stabilization:** +/- 0.1 pH, +/- 3% conductivity, +/- 10 mv redox pot., +/- 10% turb (<= 10 NTU ideal), and +/- 10% DO for 3 consecutive readings

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
MW-7A 06/07/22 13:35	3 40-mL borosilicate glass vials	HCl	N	Pump	VOCs 8260

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: MW-7B	Date: 06/07/22
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: MLS Checked By:
EQUIPMENT	Water Level Indicator Type/ID #:	Sampling Equipment: HF Scientific Micro TPW turbidity meter, Proactive® Hurricane 2" low-flow submersible pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.
	PID Type/ID #: NA		
WELL INFO	Casing I.D. (in) [a]: 4	Water Column Thickness (ft) [d-c]: 215.71	Ambient PID (ppm): NA
	Unit Casing Volume (gal/lin ft) [b]: 0.65	Well Volume (gal) {[d-c] x b}: 140.2 (X3 = 421)	Well Mouth PID (ppm): NA
	Initial Depth to Water (ft) [c]: 70.39	Screened Interval (ft TOC): 223-283	Ground Condition of Well: Old but good
	Total Well Depth (ft) [d]: 286.10	Pump depth (ft TOC): 156 Pump depth (ft bgs): 153.68	Remarks: TOC = 2.32 ft AGS

CASING INFO	Casing I.D. (in) [a]:	1.5	**2.0**	2.2	3.0	**4.0**	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	**0.16**	0.20	0.37	**0.65**	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conduc-tivity (µS/cm)	Redox Potential	Turb. (NTU)	DO (% / mg/L)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
06/07/22	10:55	69.91	0	0	0.2	—	—	—	—	—/—	—	NA	Clear
	11:00	72.06	0.15	1	0.2	4.85	139	24.5	10.61	78.8/7.97	14.75	NA	↓
	11:05	72.56	0.50	1.5	0.1	4.90	138	22.4	16.27	81.6/8.47	13.74	NA	↑ speed after it stopped
	11:10	73.68	1.12	2.0	0.1	4.81	138	30.3	14.35	79.6/8.14	14.10	NA	↑ speed " "
	11:15	74.43	0.75	2.5	0.1	4.86	138	27.0	12.78	77.3/8.12	14.05	NA	↑ speed " "
	11:20	75.43	1.00	3.5	0.2	4.85	137	28.3	11.20	77.2/7.96	14.14	NA	↑ speed " "
	11:25	76.09	0.66	4.0	0.1	4.89	138	24.5	9.80	75.1/7.65	14.38	NA	
↓	11:30	76.55	0.46	4.5	0.1	4.88	136	28.9	9.92	70.9/7.05	15.65	NA	

Pumping Rate: <=0.5 L/min **Drawdown:** < 0.33 ft **Measurements:** 3-5 min **Stabilization:** +/- 0.1 pH, +/- 3% conductivity, +/- 10 mv redox pot., +/- 10% turb (<= 10 NTU ideal), and +/- 10% DO for 3 consecutive readings

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
MW-7B 06/07/22 11:30	3 40-mL borosilicate glass vials	HCl	N	Pump	VOCs 8260

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: MW-7R	Date: 06/07/2022
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: MIS Checked By:
EQUIPMENT	Water Level Indicator Type/ID #: Heron Dipper-T	Sampling Equipment: HF Scientific Micro TPW turbidity meter, Proactive® Hurricane 2" low-flow submersible pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.
	PID Type/ID #: NA		
WELL INFO	Casing I.D. (in) [a]: 4	Water Column Thickness (ft) [d-c]: 30.86	Ambient PID (ppm): NA
	Unit Casing Volume (gal/lin ft) [b]: 0.65	Well Volume (gal) {[d-c] x b}: 20.1 (X3=60.3)	Well Mouth PID (ppm): NA
	Initial Depth to Water (ft) [c]: 69.37	Screened Interval (ft TOC): 45-100	Ground Condition of Well: Old but good
	Total Well Depth (ft) [d]: 100.23	Pump depth (ft TOC): 85 Pump depth (ft bgs): 82.69	Remarks: TOC = 2.31 ft AGS

CASING INFO											
Casing I.D. (in) [a]:	1.5	**2.0**	2.2	3.0	**4.0**	4.3	5.0	6.0	7.0	8.0
Unit Casing Volume (gal/lin ft) [b]:	0.09	**0.16**	0.20	0.37	**0.65**	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conduc-tivity (µS/cm)	Redox Potential	Turb. (NTU)	DO (% / mg/L)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
06/07/22	12:01	69.50	0	0	0.25	—	—	—	—	—/—	—	NA	Clear
	12:05	69.61	0.11	1.25	0.25	4.63	174	25.7	7.13	43.6/4.20	13.56	NA	
	12:10	69.61	0	2.5	0.25	3.83	171	78.3	7.57	80.6/8.33	13.72	NA	
	12:15	69.61	0	3.5	0.2	4.33	170	51.1	6.93	75.5/7.80	13.83	NA	
	12:20	69.61	0	4.5	0.2	4.49	170	40.0	7.01	73.1/7.53	14.07	NA	
	12:25	69.60	-0.01	5.5	0.2	4.62	169	29.3	6.99	70.8/7.27	14.00	NA	
	12:30	69.58	-0.02	6.5	0.2	4.66	168	26.1	5.68	70.1/7.21	14.03	NA	
↓	12:35	69.62	0.04	7.5	0.2	4.68	169	23.4	5.93	69.4/7.15	14.07	NA	

Pumping Rate: <=0.5 L/min **Drawdown:** < 0.33 ft **Measurements:** 3-5 min **Stabilization:** +/- 0.1 pH, +/- 3% conductivity, +/- 10 mv redox pot., +/- 10% turb (<= 10 NTU ideal), and +/- 10% DO for 3 consecutive readings

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
MW-7R 06/07/22 12:35	3 40-mL borosilicate glass vials	HCl	N	Pump	VOCs 8260

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas		LocID: H-1A				Date: 06/07/2022				
	Project Name: Victoria Farms - George's Deli & Gas		Project #: CG-08-0348				Recorded By: MIS Checked By:				
EQUIPMENT	Water Level Indicator Type/ID #: Heron Dipper-T		Sampling Equipment: HF Scientific Micro TPW turbidity meter, Proactive® Hurricane 2" low-flow submersible pump w/ controller, and HDPE tubing				Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.				
	PID Type/ID #: NA										
WELL INFO	Casing I.D. (in) [a]: 8		Water Column Thickness (ft) [d-c]: 18.13				Ambient PID (ppm): NA				
	Unit Casing Volume (gal/lin ft) [b]: 2.6		Well Volume (gal) {[d-c] x b}: 47.1 (X3 = 141.4)				Well Mouth PID (ppm): NA				
	Initial Depth to Water (ft) [c]: 48.10		Screened Interval (ft TOC): 25-65				Ground Condition of Well: OK; manhole broken				
	Total Well Depth (ft) [d]: 66.23		Pump depth (ft TOC): 57 Pump depth (ft bgs) 57.44				Remarks: TOC = 0.44 ft BG				
CASING INFO	Casing I.D. (in) [a]:	1.5	**2.0**	2.2	3.0	**4.0**	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	**0.16**	0.20	0.37	**0.65**	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conduc-tivity (µS/cm)	Redox Potential	Turb. (NTU)	DO (% / mg/L)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
06/07/22	09:52	48.46	0	0	0.1	—	—	—	—	— / —	—	NA	Clear
	09:55	48.80	0.34	0.5	0.15	5.59	245	39.8	9.46	59.8 / 6.07	14.42	NA	
	10:00	48.96	0.16	1.25	0.15	5.53	241	30.1	9.72	53.6 / 5.46	14.43	NA	
	10:05	49.29	0.33	2.25	0.2	5.59	239	19.1	9.73	49.3 / 5.03	14.41	NA	
	10:10	49.43	0.14	2.75	0.1	5.63	238	11.8	8.51	48.8 / 4.99	14.52	NA	
	10:15	49.71	0.28	3.25	0.1	5.62	235	8.0	8.85	46.8 / 4.76	14.41	NA	
	10:20	49.83	0.12	3.75	0.1	5.61	235	7.6	8.77	46.3 / 4.71	14.40	NA	
	10:25	—	—	—	—	—	—	—	—	— / —	—	NA	Sample time

Pumping Rate: <=0.5 L/min **Drawdown:** < 0.33 ft **Measurements:** 3-5 min **Stabilization:** +/- 0.1 pH, +/- 3% conductivity, +/- 10 mv redox pot., +/- 10% turb (<= 10 NTU ideal), and +/- 10% DO for 3 consecutive readings

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
H-1A 06/07/22 10:25	3 40-mL borosilicate glass vials	HCl	N	Pump	VOCs 8260

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: H-6	Date: 06/06/2022
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: MS Checked By:
EQUIPMENT	Water Level Indicator Type/ID #: Heron Dipper-T	Sampling Equipment: HF Scientific Micro TPW turbidity meter, Proactive® Hurricane 2" low-flow submersible pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.
	PID Type/ID #: NA		
WELL INFO	Casing I.D. (in) [a]: 4	Water Column Thickness (ft) [d-c]: 24.38	Ambient PID (ppm): NA
	Unit Casing Volume (gal/lin ft) [b]: 0.65	Well Volume (gal) {[d-c] x b}: 15.85 (X3 = 47.5)	Well Mouth PID (ppm): NA
	Initial Depth to Water (ft) [c]: 45.80	Screened Interval (ft TOC): 32-72	Ground Condition of Well: OK- vault
	Total Well Depth (ft) [d]: 70.18	Pump depth (ft TOC): 58 Pump depth (ft bgs): 59.25	Remarks: TOC = 1.25 ft BG

CASING INFO											
Casing I.D. (in) [a]:	1.5	**2.0**	2.2	3.0	**4.0**	4.3	5.0	6.0	7.0	8.0
Unit Casing Volume (gal/lin ft) [b]:	0.09	**0.16**	0.20	0.37	**0.65**	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conduc-tivity (µS/cm)	Redox Potential	Turb. (NTU)	DO (% / mg/L)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
06/06/22	11:11	45.64	0	0	0.2	—	—	—	—	—/—	—	NA	Clear
	11:15	47.57	2.13	1	0.2	4.62	146	147.9	16.55	98.2/9.72	14.78	NA	↓
	11:20	47.83	0.26	2	0.2	6.25	144	81.6	51.53	63.9/6.49	14.51	NA	Slightly cloudy
	11:25	48.27	0.44	3	0.2	6.12	142	86.7	14.94	51.0/5.41	15.22	NA	Clear/↑speed
	11:30	48.30	0.03	3.5	0.1	6.36	142	79.4	10.14	52.2/5.22	15.40	NA	
	11:35	48.53	0.23	4.5	0.2	6.48	142	64.3	10.98	49.5/4.96	15.29	NA	↑speed
	11:40	48.78	0.25	5.5	0.2	6.58	142	57.0	10.95	49.1/4.94	15.06	NA	
↓	11:45	49.11	0.33	6.5	0.2	6.62	140	51.7	10.68	47.8/4.83	14.95	NA	↓

Pumping Rate: <=0.5 L/min **Drawdown:** < 0.33 ft **Measurements:** 3-5 min **Stabilization:** +/- 0.1 pH, +/- 3% conductivity, +/- 10 mv redox pot., +/- 10% turb (<= 10 NTU ideal), and +/- 10% DO for 3 consecutive readings

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
H-6 6/6/22 11:45	3 40-mL borosilicate glass vials	HCl	N	Pump	VOCs 8260

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: Lot 7 Well	Date: 06/08/2022
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: MIS Checked By:
EQUIPMENT	Water Level Indicator Type/ID #: Heron Dipper-T	Sampling Equipment: HF Scientific Micro TPW turbidity meter, Proactive® Hurricane 2" low-flow submersible pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.
	PID Type/ID #: NA		
WELL INFO	Casing I.D. (in) [a]: 6	Water Column Thickness (ft) [d-c]: 91.34	Ambient PID (ppm): NA
	Unit Casing Volume (gal/lin ft) [b]: 1.5	Well Volume (gal) {[d-c] x b}: 137.01 (X3 = 411)	Well Mouth PID (ppm): NA
	Initial Depth to Water (ft) [c]: 50.57	Screened Interval (ft TOC): 21-142	Ground Condition of Well: Good; stickup
	Total Well Depth (ft) [d]: 141.91	Pump depth (ft TOC): 96 Pump depth (ft bgs): 95.04	Remarks: TOC = 0.96 ft BG

CASING INFO										
Casing I.D. (in) [a]:	1.5	**2.0**	2.2	3.0	**4.0**	4.3	5.0	6.0	7.0	8.0
Unit Casing Volume (gal/lin ft) [b]:	0.09	**0.16**	0.20	0.37	**0.65**	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conduc-tivity (µS/cm)	Redox Potential	Turb. (NTU)	DO (% / mg/L)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
06/08/22	12:03	50.70	0	0	0.25	—	—	—	—	—/—	—	NA	Clear
	12:05	51.12	0.42	0.5	0.2	5.30	338	-26.3	10.82	21.6/2.0	13.01	NA	
	12:10	51.28	0.16	1.5	0.2	4.68	335	0.8	11.87	63.4/6.61	13.20	NA	
	12:15	51.21	-0.07	2.25	0.15	4.82	334	-13.6	13.66	48.3/5.04	13.32	NA	
	12:20	51.28	0.07	3.0	0.15	5.00	334	-21.5	14.20	44.1/4.63	13.11	NA	
	12:25	51.30	0.02	3.5	0.1	4.99	331	-26.7	12.60	41.8/4.41	12.92	NA	
	12:30	51.23	-0.07	4.5	0.2	4.99	331	-34.8	12.10	41.5/4.36	13.08	NA	
	12:35	—	—	—	—	—	—	—	—	—/—	—	NA	Sample time

Pumping Rate: <=0.5 L/min **Drawdown:** < 0.33 ft **Measurements:** 3-5 min **Stabilization:** +/- 0.1 pH, +/- 3% conductivity, +/- 10 mv redox pot., +/- 10% turb (<= 10 NTU ideal), and +/- 10% DO for 3 consecutive readings

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
Lot 7 Well 06/08/22 12:35 and Duplicate GDG-Dupe 06:00	3 40-mL borosilicate glass vials	HCl	N	Pump	VOCs 8260

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: Sentinel Well	Date: 06/06/2022
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: MS Checked By:
EQUIPMENT	Water Level Indicator Type/ID #: Heron Dipper-T	Sampling Equipment: HF Scientific Micro TPW turbidity meter, Proactive® Hurricane 2" low-flow submersible pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.
	PID Type/ID #: NA		
WELL INFO	Casing I.D. (in) [a]: 6	Water Column Thickness (ft) [d-c]: 24	Ambient PID (ppm): NA
	Unit Casing Volume (gal/lin ft) [b]: 1.5	Well Volume (gal) {[d-c] x b}: 36 (X3 = 108)	Well Mouth PID (ppm): NA
	Initial Depth to Water (ft) [c]: 48.48	Screened Interval (ft TOC): 47-70	Ground Condition of Well: Good; stickup
	Total Well Depth (ft) [d]: 72.48	Pump depth (ft TOC): 60.5 Pump depth (ft bgs): 62.21	Remarks: TOC = 1.71 ft BG

CASING INFO										
Casing I.D. (in) [a]:	1.5	**2.0**	2.2	3.0	**4.0**	4.3	5.0	6.0	7.0	8.0
Unit Casing Volume (gal/lin ft) [b]:	0.09	**0.16**	0.20	0.37	**0.65**	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conduc-tivity (uS/cm)	Redox Potential	Turb. (NTU)	DO (% / mg/L)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
06/06/22	12:32	48.49	0	0	0.2	—	—	—	—	— / —	—	NA	Clear
	12:35	48.57	0.08	1	0.2	6.77	123	25.1	15.27	97.3/10.24	12.68	NA	
	12:40	48.58	0.01	2	0.2	6.60	123	35.2	12.07	89.4/9.43	12.75	NA	
	12:45	48.58	0	3	0.2	6.53	122	38.2	9.97	84.5/8.92	12.80	NA	
	12:50	48.57	-0.01	4	0.2	6.40	121	22.2	10.03	86.3/9.17	12.62	NA	
	12:55	48.60	0.03	5	0.2	6.40	120	19.5	9.42	83.3/8.82	12.67	NA	
	13:00	48.60	0	6	0.2	6.50	120	17.5	8.20	82.3/8.60	12.90	NA	
	13:05	—	—	7	—	—	—	—	—	— / —	—	NA	Sample time

Pumping Rate: <=0.5 L/min **Drawdown:** < 0.33 ft **Measurements:** 3-5 min **Stabilization:** +/- 0.1 pH, +/- 3% conductivity, +/- 10 mv redox pot., +/- 10% turb (<= 10 NTU ideal), and +/- 10% DO for 3 consecutive readings

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
Sentinel Well 06/06/22 13:05	3 40-mL borosilicate glass vials	HCl	N	Pump	VOCs 8260

ATTACHMENT B

LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY RECORDS

Maryland spectral Services

Analytical Chemistry Services

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

14 June 2022

Kevin Howard
Chesapeake GeoSciences, Inc.
5405 Twin Knolls Rd, Suite 1
Columbia, MD 21045
RE: GEORGE'S DELI & GAS

Enclosed are the results of analyses for samples received by the laboratory on 06/06/22 16:26.

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,

Will Brewington
President

Maryland spectral Services

Analytical Chemistry Services

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

Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
06/14/22 16:45

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
H-6		2060616-01	Nonpotable Water	06/06/22 11:45	06/06/22 16:26
SENTINEL WELL		2060616-02	Nonpotable Water	06/06/22 13:05	06/06/22 16:26
MW-6		2060616-03	Nonpotable Water	06/06/22 14:20	06/06/22 16:26
MW-4		2060616-04	Nonpotable Water	06/06/22 15:15	06/06/22 16:26

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

Will Brewington, President

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

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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
06/14/22 16:45

H-6

2060616-01 (Nonpotable Water)
Sample Date: 06/06/22

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	06/10/22	06/10/22 14:20	LL
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/10/22	06/10/22 14:20	LL
tert-Amyl methyl ether (TAME)	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
Benzene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
Bromobenzene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
Bromochloromethane	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
Bromodichloromethane	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
Bromoform	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
Bromomethane	ND		ug/L	5.0	5.0	1	06/10/22	06/10/22 14:20	LL
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/10/22	06/10/22 14:20	LL
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/10/22	06/10/22 14:20	LL
n-Butylbenzene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
sec-Butylbenzene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
tert-Butylbenzene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
Carbon disulfide	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
Carbon tetrachloride	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
Chlorobenzene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
Chloroethane	ND		ug/L	5.0	5.0	1	06/10/22	06/10/22 14:20	LL
Chloroform	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
Chloromethane	ND		ug/L	5.0	5.0	1	06/10/22	06/10/22 14:20	LL
2-Chlorotoluene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
4-Chlorotoluene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
Dibromochloromethane	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
1,2-Dibromoethane (EDB)	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
Dibromomethane	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
1,2-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
1,3-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
1,4-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
Dichlorodifluoromethane	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
1,1-Dichloroethane	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
1,2-Dichloroethane	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
1,1-Dichloroethene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL

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

Will Brewington, President

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

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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
06/14/22 16:45

H-6

2060616-01 (Nonpotable Water)
Sample Date: 06/06/22

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	06/10/22	06/10/22 14:20	LL
trans-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
Dichlorofluoromethane	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
1,2-Dichloropropane	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
1,3-Dichloropropane	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
2,2-Dichloropropane	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
1,1-Dichloropropene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
cis-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
trans-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
Diisopropyl ether (DIPE)	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
Ethylbenzene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
Hexachlorobutadiene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
2-Hexanone	ND		ug/L	10.0	10.0	1	06/10/22	06/10/22 14:20	LL
Isopropylbenzene (Cumene)	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
4-Isopropyltoluene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/10/22	06/10/22 14:20	LL
Methylene chloride	ND		ug/L	10.0	10.0	1	06/10/22	06/10/22 14:20	LL
Naphthalene	ND		ug/L	2.0	2.0	1	06/10/22	06/10/22 14:20	LL
n-Propylbenzene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
Styrene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
Tetrachloroethene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
Toluene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
1,2,3-Trichlorobenzene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
1,2,4-Trichlorobenzene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
1,1,1-Trichloroethane	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
1,1,2-Trichloroethane	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
Trichloroethene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
1,2,3-Trichloropropane	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL

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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
06/14/22 16:45

H-6

2060616-01 (Nonpotable Water)
Sample Date: 06/06/22

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	06/10/22	06/10/22 14:20	LL
1,3,5-Trimethylbenzene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
Vinyl chloride	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
o-Xylene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
m- & p-Xylenes	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:20	LL
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*110 %*			*06/10/22*	*06/10/22 14:20*	
Surrogate: Toluene-d8			*75-120*	*95 %*			*06/10/22*	*06/10/22 14:20*	
Surrogate: 4-Bromofluorobenzene			*75-120*	*95 %*			*06/10/22*	*06/10/22 14:20*	

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Maryland spectral Services

Analytical Chemistry Services

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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
06/14/22 16:45

SENTINEL WELL

2060616-02 (Nonpotable Water)
Sample Date: 06/06/22

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	06/10/22	06/10/22 14:44	LL
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/10/22	06/10/22 14:44	LL
tert-Amyl methyl ether (TAME)	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
Benzene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
Bromobenzene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
Bromochloromethane	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
Bromodichloromethane	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
Bromoform	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
Bromomethane	ND		ug/L	5.0	5.0	1	06/10/22	06/10/22 14:44	LL
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/10/22	06/10/22 14:44	LL
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/10/22	06/10/22 14:44	LL
n-Butylbenzene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
sec-Butylbenzene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
tert-Butylbenzene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
Carbon disulfide	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
Carbon tetrachloride	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
Chlorobenzene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
Chloroethane	ND		ug/L	5.0	5.0	1	06/10/22	06/10/22 14:44	LL
Chloroform	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
Chloromethane	ND		ug/L	5.0	5.0	1	06/10/22	06/10/22 14:44	LL
2-Chlorotoluene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
4-Chlorotoluene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
Dibromochloromethane	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
1,2-Dibromoethane (EDB)	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
Dibromomethane	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
1,2-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
1,3-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
1,4-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
Dichlorodifluoromethane	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
1,1-Dichloroethane	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
1,2-Dichloroethane	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
1,1-Dichloroethene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL

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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
06/14/22 16:45

SENTINEL WELL

2060616-02 (Nonpotable Water)
Sample Date: 06/06/22

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	06/10/22	06/10/22 14:44	LL
trans-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
Dichlorofluoromethane	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
1,2-Dichloropropane	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
1,3-Dichloropropane	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
2,2-Dichloropropane	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
1,1-Dichloropropene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
cis-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
trans-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
Diisopropyl ether (DIPE)	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
Ethylbenzene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
Hexachlorobutadiene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
2-Hexanone	ND		ug/L	10.0	10.0	1	06/10/22	06/10/22 14:44	LL
Isopropylbenzene (Cumene)	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
4-Isopropyltoluene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/10/22	06/10/22 14:44	LL
Methylene chloride	ND		ug/L	10.0	10.0	1	06/10/22	06/10/22 14:44	LL
Naphthalene	ND		ug/L	2.0	2.0	1	06/10/22	06/10/22 14:44	LL
n-Propylbenzene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
Styrene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
Tetrachloroethene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
Toluene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
1,2,3-Trichlorobenzene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
1,2,4-Trichlorobenzene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
1,1,1-Trichloroethane	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
1,1,2-Trichloroethane	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
Trichloroethene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
1,2,3-Trichloropropane	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL

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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
06/14/22 16:45

SENTINEL WELL

2060616-02 (Nonpotable Water)
Sample Date: 06/06/22

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	06/10/22	06/10/22 14:44	LL
1,3,5-Trimethylbenzene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
Vinyl chloride	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
o-Xylene	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
m- & p-Xylenes	ND		ug/L	2.0	1.0	1	06/10/22	06/10/22 14:44	LL
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*110 %*			*06/10/22*	*06/10/22 14:44*	
Surrogate: Toluene-d8			*75-120*	*93 %*			*06/10/22*	*06/10/22 14:44*	
Surrogate: 4-Bromofluorobenzene			*75-120*	*95 %*			*06/10/22*	*06/10/22 14:44*	

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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
06/14/22 16:45

MW-6

2060616-03 (Nonpotable Water)
Sample Date: 06/06/22

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	06/13/22	06/13/22 17:58	LL
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/13/22	06/13/22 17:58	LL
tert-Amyl methyl ether (TAME)	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
Benzene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
Bromobenzene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
Bromochloromethane	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
Bromodichloromethane	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
Bromoform	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
Bromomethane	ND		ug/L	5.0	5.0	1	06/13/22	06/13/22 17:58	LL
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/13/22	06/13/22 17:58	LL
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/13/22	06/13/22 17:58	LL
n-Butylbenzene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
sec-Butylbenzene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
tert-Butylbenzene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
Carbon disulfide	**1.2**	J	ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
Carbon tetrachloride	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
Chlorobenzene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
Chloroethane	ND		ug/L	5.0	5.0	1	06/13/22	06/13/22 17:58	LL
Chloroform	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
Chloromethane	ND		ug/L	5.0	5.0	1	06/13/22	06/13/22 17:58	LL
2-Chlorotoluene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
4-Chlorotoluene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
Dibromochloromethane	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
1,2-Dibromoethane (EDB)	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
Dibromomethane	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
1,2-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
1,3-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
1,4-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
Dichlorodifluoromethane	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
1,1-Dichloroethane	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
1,2-Dichloroethane	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
1,1-Dichloroethene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL

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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
06/14/22 16:45

MW-6

2060616-03 (Nonpotable Water)
Sample Date: 06/06/22

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	06/13/22	06/13/22 17:58	LL
trans-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
Dichlorofluoromethane	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
1,2-Dichloropropane	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
1,3-Dichloropropane	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
2,2-Dichloropropane	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
1,1-Dichloropropene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
cis-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
trans-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
Diisopropyl ether (DIPE)	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
Ethylbenzene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
Hexachlorobutadiene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
2-Hexanone	ND		ug/L	10.0	10.0	1	06/13/22	06/13/22 17:58	LL
Isopropylbenzene (Cumene)	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
4-Isopropyltoluene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/13/22	06/13/22 17:58	LL
Methylene chloride	ND		ug/L	10.0	10.0	1	06/13/22	06/13/22 17:58	LL
Naphthalene	ND		ug/L	2.0	2.0	1	06/13/22	06/13/22 17:58	LL
n-Propylbenzene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
Styrene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
Tetrachloroethene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
Toluene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
1,2,3-Trichlorobenzene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
1,2,4-Trichlorobenzene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
1,1,1-Trichloroethane	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
1,1,2-Trichloroethane	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
Trichloroethene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
1,2,3-Trichloropropane	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL

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Will Brewington, President

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

Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
06/14/22 16:45

MW-6

2060616-03 (Nonpotable Water)
Sample Date: 06/06/22

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	06/13/22	06/13/22 17:58	LL
1,3,5-Trimethylbenzene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
Vinyl chloride	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
o-Xylene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
m- & p-Xylenes	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 17:58	LL
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*105 %*		*06/13/22*		*06/13/22 17:58*	
Surrogate: Toluene-d8			*75-120*	*93 %*		*06/13/22*		*06/13/22 17:58*	
Surrogate: 4-Bromofluorobenzene			*75-120*	*99 %*		*06/13/22*		*06/13/22 17:58*	

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Will Brewington, President

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

Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
06/14/22 16:45

MW-4

2060616-04 (Nonpotable Water)
Sample Date: 06/06/22

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	06/13/22	06/13/22 18:21	LL
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/13/22	06/13/22 18:21	LL
tert-Amyl methyl ether (TAME)	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
Benzene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
Bromobenzene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
Bromochloromethane	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
Bromodichloromethane	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
Bromoform	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
Bromomethane	ND		ug/L	5.0	5.0	1	06/13/22	06/13/22 18:21	LL
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/13/22	06/13/22 18:21	LL
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/13/22	06/13/22 18:21	LL
n-Butylbenzene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
sec-Butylbenzene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
tert-Butylbenzene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
Carbon disulfide	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
Carbon tetrachloride	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
Chlorobenzene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
Chloroethane	ND		ug/L	5.0	5.0	1	06/13/22	06/13/22 18:21	LL
Chloroform	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
Chloromethane	ND		ug/L	5.0	5.0	1	06/13/22	06/13/22 18:21	LL
2-Chlorotoluene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
4-Chlorotoluene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
Dibromochloromethane	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
1,2-Dibromoethane (EDB)	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
Dibromomethane	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
1,2-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
1,3-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
1,4-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
Dichlorodifluoromethane	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
1,1-Dichloroethane	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
1,2-Dichloroethane	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
1,1-Dichloroethene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL

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Will Brewington, President

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

Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
06/14/22 16:45

MW-4

2060616-04 (Nonpotable Water)
Sample Date: 06/06/22

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	06/13/22	06/13/22 18:21	LL
trans-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
Dichlorofluoromethane	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
1,2-Dichloropropane	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
1,3-Dichloropropane	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
2,2-Dichloropropane	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
1,1-Dichloropropene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
cis-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
trans-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
Diisopropyl ether (DIPE)	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
Ethylbenzene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
Hexachlorobutadiene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
2-Hexanone	ND		ug/L	10.0	10.0	1	06/13/22	06/13/22 18:21	LL
Isopropylbenzene (Cumene)	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
4-Isopropyltoluene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/13/22	06/13/22 18:21	LL
Methylene chloride	ND		ug/L	10.0	10.0	1	06/13/22	06/13/22 18:21	LL
Naphthalene	ND		ug/L	2.0	2.0	1	06/13/22	06/13/22 18:21	LL
n-Propylbenzene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
Styrene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
Tetrachloroethene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
Toluene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
1,2,3-Trichlorobenzene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
1,2,4-Trichlorobenzene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
1,1,1-Trichloroethane	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
1,1,2-Trichloroethane	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
Trichloroethene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
1,2,3-Trichloropropane	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL

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Will Brewington, President

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

Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
06/14/22 16:45

MW-4

2060616-04 (Nonpotable Water)
Sample Date: 06/06/22

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	06/13/22	06/13/22 18:21	LL
1,3,5-Trimethylbenzene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
Vinyl chloride	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
o-Xylene	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
m- & p-Xylenes	ND		ug/L	2.0	1.0	1	06/13/22	06/13/22 18:21	LL
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*105 %*		*06/13/22*		*06/13/22 18:21*	
Surrogate: Toluene-d8			*75-120*	*94 %*		*06/13/22*		*06/13/22 18:21*	
Surrogate: 4-Bromofluorobenzene			*75-120*	*99 %*		*06/13/22*		*06/13/22 18:21*	

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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
06/14/22 16:45

Notes and Definitions

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 accredidation

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

Will Brewington, President

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

Company Name: Chesapeake GeoSciences, Inc.	Project Manager: Kevin Howard
Project Name: George's Deli & Gas Case No. **2007-0096-CL**	Project ID: CG-08-0348
Sampler(s): Meg Staines & Devin Glancey	P.O. Number: CG080348MS

CHAIN-OF-CUSTODY RECORD

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

Matrix Codes: NW (nonpotable water)
PW (potable water)

Field Sample ID	Date	Time	Water	Soil	Other	No. of Containers	VOCs via EPA 8260	VOCs via EPA 524.2	Preservative: 1+1 HCL, H_2SO_4, Methanol, $Na_2S_2O_3$, $NaHCO_3$	Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank	MSS Lab ID
H-6	6/6/22	11:45	X			3	X		1+1 HCL		206066-01
Sentinel Well	"	13:05	X			3	X		1+1 HCL		-02
MW-6	"	14:20	X			3	X		1+1 HCL		-03
MW-4	"	15:15	X			3	X		1+1 HCL		-04

Relinquished by: *(Signature)*	Date/Time	Received by: *(Signature)*	Relinquished by: *(Signature)*	Date/Time	Received by: *(Signature)*
(Printed) Devin Glancey	06/06/22 16:25	*(Printed)*	*(Printed)*		*(Printed)*
Relinquished by: *(Signature)*	Date/Time	Received by Lab: *(Signature)*			
(Printed)	6-6-22 16:26	*(Printed)* Lori Foster			

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

Lab Use:
Temp: 18.7 °C
- [x] Received on Ice
- [x] Received same day
- [ ] Preservation Appropriate

Delivery Method:
- [ ] Courier
- [x] Client
- [ ] UPS
- [ ] FedEx
- [ ] USPS
- [ ] Other: _____

Special Instructions/QC Requirements & Comments:

Email results to khoward@cgs.us.com and nlove@cgs.us.com.
Please include fuel oxygenates + naphthalene in VOCs 8260.
Please J-flag the results.
Trip Blank to be relinquished on final day of sampling vocs 6/9/22

Sample Disposal:
- [ ] Return to Client
- [ ] Disposal by lab
- [x] Archive for 14 days

Maryland spectral Services

Analytical Chemistry Services

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

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

12 July 2022

Kevin Howard
Chesapeake GeoSciences, Inc.
5405 Twin Knolls Rd, Suite 1
Columbia, MD 21045
RE: GEORGE'S DELI & GAS

Enclosed are the results of analyses for samples received by the laboratory on 06/08/22 16:53.

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

Maryland spectral Services

Analytical Chemistry Services

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

Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
H-1A		2060827-01	Nonpotable Water	06/07/22 10:25	06/08/22 16:53
MW-7B		2060827-02	Nonpotable Water	06/07/22 11:30	06/08/22 16:53
MW-7R		2060827-03	Nonpotable Water	06/07/22 12:35	06/08/22 16:53
MW-7A		2060827-04	Nonpotable Water	06/07/22 13:35	06/08/22 16:53
MW-2		2060827-05	Nonpotable Water	06/07/22 14:45	06/08/22 16:53
GDG-EFB		2060827-06	Nonpotable Water	06/07/22 15:15	06/08/22 16:53
MW-1		2060827-07	Nonpotable Water	06/08/22 10:15	06/08/22 16:53
MW-1 A		2060827-08	Nonpotable Water	06/08/22 11:20	06/08/22 16:53
LOT 7 WELL		2060827-09	Nonpotable Water	06/08/22 12:35	06/08/22 16:53
GDG-DUPE		2060827-10	Nonpotable Water	06/08/22 00:00	06/08/22 16:53
GDG-EFF		2060827-11	Nonpotable Water	06/08/22 13:33	06/08/22 16:53
GDG-GW-TB		2060827-12	Nonpotable Water	06/01/22 10:05	06/08/22 16:53
602-DW		2060827-13	Drinking Water	06/08/22 14:15	06/08/22 16:53
2040-DW		2060827-14	Drinking Water	06/08/22 14:50	06/08/22 16:53
GDG-DW-TB		2060827-15	Drinking Water	06/01/22 10:00	06/08/22 16:53

Narrative

The laboratory observed that the two (2) trip blanks (MSS IDs 2060827-12 and 2060827-15) contained contaminants typically associated with municipal water. Upon investigation, the staff member that prepared the trip blank filled the trip blanks using a chlorinated municipal water source instead of the organic free spigot which should have been used.

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Rabecka Koons, Quality Assurance Officer

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Maryland spectral Services

Analytical Chemistry Services

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

H-1A

2060827-01 (Nonpotable Water)
Sample Date: 06/07/22

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	06/14/22	06/14/22 18:47	LL
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/14/22	06/14/22 18:47	LL
tert-Amyl methyl ether (TAME)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
Benzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
Bromobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
Bromochloromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
Bromodichloromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
Bromoform	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
Bromomethane	ND		ug/L	5.0	5.0	1	06/14/22	06/14/22 18:47	LL
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/14/22	06/14/22 18:47	LL
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/14/22	06/14/22 18:47	LL
n-Butylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
sec-Butylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
tert-Butylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
Carbon disulfide	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
Carbon tetrachloride	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
Chlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
Chloroethane	ND		ug/L	5.0	5.0	1	06/14/22	06/14/22 18:47	LL
Chloroform	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
Chloromethane	ND		ug/L	5.0	5.0	1	06/14/22	06/14/22 18:47	LL
2-Chlorotoluene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
4-Chlorotoluene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
Dibromochloromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
1,2-Dibromoethane (EDB)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
Dibromomethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
1,2-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
1,3-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
1,4-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
Dichlorodifluoromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
1,1-Dichloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
1,2-Dichloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
1,1-Dichloroethene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL

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

Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

H-1A

2060827-01 (Nonpotable Water)
Sample Date: 06/07/22

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	06/14/22	06/14/22 18:47	LL
trans-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
Dichlorofluoromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
1,2-Dichloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
1,3-Dichloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
2,2-Dichloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
1,1-Dichloropropene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
cis-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
trans-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
Diisopropyl ether (DIPE)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
Ethylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
Hexachlorobutadiene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
2-Hexanone	ND		ug/L	10.0	10.0	1	06/14/22	06/14/22 18:47	LL
Isopropylbenzene (Cumene)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
4-Isopropyltoluene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/14/22	06/14/22 18:47	LL
Methylene chloride	ND		ug/L	10.0	10.0	1	06/14/22	06/14/22 18:47	LL
Naphthalene	ND		ug/L	2.0	2.0	1	06/14/22	06/14/22 18:47	LL
n-Propylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
Styrene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
Tetrachloroethene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
Toluene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
1,2,3-Trichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
1,2,4-Trichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
1,1,1-Trichloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
1,1,2-Trichloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
Trichloroethene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
1,2,3-Trichloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL

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Analytical Results

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

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

H-1A

2060827-01 (Nonpotable Water)
Sample Date: 06/07/22

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	06/14/22	06/14/22 18:47	LL
1,3,5-Trimethylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
Vinyl chloride	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
o-Xylene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
m- & p-Xylenes	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 18:47	LL
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*106 %*	*06/14/22*		*06/14/22 18:47*		
Surrogate: Toluene-d8			*75-120*	*103 %*	*06/14/22*		*06/14/22 18:47*		
Surrogate: 4-Bromofluorobenzene			*75-120*	*98 %*	*06/14/22*		*06/14/22 18:47*		

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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

MW-7B

2060827-02 (Nonpotable Water)
Sample Date: 06/07/22

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	06/14/22	06/14/22 19:11	LL
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/14/22	06/14/22 19:11	LL
tert-Amyl methyl ether (TAME)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
Benzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
Bromobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
Bromochloromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
Bromodichloromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
Bromoform	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
Bromomethane	ND		ug/L	5.0	5.0	1	06/14/22	06/14/22 19:11	LL
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/14/22	06/14/22 19:11	LL
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/14/22	06/14/22 19:11	LL
n-Butylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
sec-Butylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
tert-Butylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
Carbon disulfide	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
Carbon tetrachloride	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
Chlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
Chloroethane	ND		ug/L	5.0	5.0	1	06/14/22	06/14/22 19:11	LL
Chloroform	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
Chloromethane	ND		ug/L	5.0	5.0	1	06/14/22	06/14/22 19:11	LL
2-Chlorotoluene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
4-Chlorotoluene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
Dibromochloromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
1,2-Dibromoethane (EDB)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
Dibromomethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
1,2-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
1,3-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
1,4-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
Dichlorodifluoromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
1,1-Dichloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
1,2-Dichloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
1,1-Dichloroethene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL

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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

MW-7B

2060827-02 (Nonpotable Water)
Sample Date: 06/07/22

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	06/14/22	06/14/22 19:11	LL
trans-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
Dichlorofluoromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
1,2-Dichloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
1,3-Dichloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
2,2-Dichloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
1,1-Dichloropropene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
cis-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
trans-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
Diisopropyl ether (DIPE)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
Ethylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
Hexachlorobutadiene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
2-Hexanone	ND		ug/L	10.0	10.0	1	06/14/22	06/14/22 19:11	LL
Isopropylbenzene (Cumene)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
4-Isopropyltoluene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/14/22	06/14/22 19:11	LL
Methylene chloride	ND		ug/L	10.0	10.0	1	06/14/22	06/14/22 19:11	LL
Naphthalene	ND		ug/L	2.0	2.0	1	06/14/22	06/14/22 19:11	LL
n-Propylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
Styrene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
Tetrachloroethene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
Toluene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
1,2,3-Trichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
1,2,4-Trichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
1,1,1-Trichloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
1,1,2-Trichloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
Trichloroethene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
1,2,3-Trichloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL

Rebecka Koons

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Analytical Results

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

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

MW-7B

2060827-02 (Nonpotable Water)
Sample Date: 06/07/22

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	06/14/22	06/14/22 19:11	LL
1,3,5-Trimethylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
Vinyl chloride	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
o-Xylene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
m- & p-Xylenes	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:11	LL
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*107 %*			*06/14/22*	*06/14/22 19:11*	
Surrogate: Toluene-d8			*75-120*	*103 %*			*06/14/22*	*06/14/22 19:11*	
Surrogate: 4-Bromofluorobenzene			*75-120*	*98 %*			*06/14/22*	*06/14/22 19:11*	

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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

MW-7R

2060827-03 (Nonpotable Water)
Sample Date: 06/07/22

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	06/14/22	06/14/22 19:36	LL
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/14/22	06/14/22 19:36	LL
tert-Amyl methyl ether (TAME)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
Benzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
Bromobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
Bromochloromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
Bromodichloromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
Bromoform	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
Bromomethane	ND		ug/L	5.0	5.0	1	06/14/22	06/14/22 19:36	LL
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/14/22	06/14/22 19:36	LL
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/14/22	06/14/22 19:36	LL
n-Butylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
sec-Butylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
tert-Butylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
Carbon disulfide	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
Carbon tetrachloride	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
Chlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
Chloroethane	ND		ug/L	5.0	5.0	1	06/14/22	06/14/22 19:36	LL
Chloroform	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
Chloromethane	ND		ug/L	5.0	5.0	1	06/14/22	06/14/22 19:36	LL
2-Chlorotoluene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
4-Chlorotoluene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
Dibromochloromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
1,2-Dibromoethane (EDB)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
Dibromomethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
1,2-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
1,3-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
1,4-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
Dichlorodifluoromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
1,1-Dichloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
1,2-Dichloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
1,1-Dichloroethene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL

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

Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

MW-7R

2060827-03 (Nonpotable Water)
Sample Date: 06/07/22

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	06/14/22	06/14/22 19:36	LL
trans-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
Dichlorofluoromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
1,2-Dichloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
1,3-Dichloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
2,2-Dichloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
1,1-Dichloropropene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
cis-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
trans-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
Diisopropyl ether (DIPE)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
Ethylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
Hexachlorobutadiene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
2-Hexanone	ND		ug/L	10.0	10.0	1	06/14/22	06/14/22 19:36	LL
Isopropylbenzene (Cumene)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
4-Isopropyltoluene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/14/22	06/14/22 19:36	LL
Methylene chloride	ND		ug/L	10.0	10.0	1	06/14/22	06/14/22 19:36	LL
Naphthalene	ND		ug/L	2.0	2.0	1	06/14/22	06/14/22 19:36	LL
n-Propylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
Styrene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
Tetrachloroethene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
Toluene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
1,2,3-Trichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
1,2,4-Trichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
1,1,1-Trichloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
1,1,2-Trichloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
Trichloroethene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
1,2,3-Trichloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL

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Analytical Results

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

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

MW-7R

2060827-03 (Nonpotable Water)
Sample Date: 06/07/22

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	06/14/22	06/14/22 19:36	LL
1,3,5-Trimethylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
Vinyl chloride	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
o-Xylene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
m- & p-Xylenes	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 19:36	LL
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*110 %*		*06/14/22*		*06/14/22 19:36*	
Surrogate: Toluene-d8			*75-120*	*102 %*		*06/14/22*		*06/14/22 19:36*	
Surrogate: 4-Bromofluorobenzene			*75-120*	*98 %*		*06/14/22*		*06/14/22 19:36*	

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Maryland spectral Services

Analytical Chemistry Services

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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

MW-7A

2060827-04 (Nonpotable Water)
Sample Date: 06/07/22

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	06/14/22	06/14/22 20:01	LL
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/14/22	06/14/22 20:01	LL
tert-Amyl methyl ether (TAME)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
Benzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
Bromobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
Bromochloromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
Bromodichloromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
Bromoform	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
Bromomethane	ND		ug/L	5.0	5.0	1	06/14/22	06/14/22 20:01	LL
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/14/22	06/14/22 20:01	LL
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/14/22	06/14/22 20:01	LL
n-Butylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
sec-Butylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
tert-Butylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
Carbon disulfide	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
Carbon tetrachloride	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
Chlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
Chloroethane	ND		ug/L	5.0	5.0	1	06/14/22	06/14/22 20:01	LL
Chloroform	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
Chloromethane	ND		ug/L	5.0	5.0	1	06/14/22	06/14/22 20:01	LL
2-Chlorotoluene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
4-Chlorotoluene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
Dibromochloromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
1,2-Dibromoethane (EDB)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
Dibromomethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
1,2-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
1,3-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
1,4-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
Dichlorodifluoromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
1,1-Dichloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
1,2-Dichloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
1,1-Dichloroethene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL

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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

MW-7A

2060827-04 (Nonpotable Water)
Sample Date: 06/07/22

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	06/14/22	06/14/22 20:01	LL
trans-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
Dichlorofluoromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
1,2-Dichloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
1,3-Dichloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
2,2-Dichloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
1,1-Dichloropropene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
cis-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
trans-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
Diisopropyl ether (DIPE)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
Ethylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
Hexachlorobutadiene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
2-Hexanone	ND		ug/L	10.0	10.0	1	06/14/22	06/14/22 20:01	LL
Isopropylbenzene (Cumene)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
4-Isopropyltoluene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
Methyl tert-butyl ether (MTBE)	**1.7**	J	ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/14/22	06/14/22 20:01	LL
Methylene chloride	ND		ug/L	10.0	10.0	1	06/14/22	06/14/22 20:01	LL
Naphthalene	ND		ug/L	2.0	2.0	1	06/14/22	06/14/22 20:01	LL
n-Propylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
Styrene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
Tetrachloroethene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
Toluene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
1,2,3-Trichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
1,2,4-Trichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
1,1,1-Trichloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
1,1,2-Trichloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
Trichloroethene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
1,2,3-Trichloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL

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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

MW-7A

2060827-04 (Nonpotable Water)
Sample Date: 06/07/22

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	06/14/22	06/14/22 20:01	LL
1,3,5-Trimethylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
Vinyl chloride	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
o-Xylene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
m- & p-Xylenes	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:01	LL
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*108 %*		*06/14/22*		*06/14/22 20:01*	
Surrogate: Toluene-d8			*75-120*	*103 %*		*06/14/22*		*06/14/22 20:01*	
Surrogate: 4-Bromofluorobenzene			*75-120*	*98 %*		*06/14/22*		*06/14/22 20:01*	

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Baltimore MD 21227
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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

MW-2

2060827-05 (Nonpotable Water)
Sample Date: 06/07/22

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	06/14/22	06/14/22 20:25	LL
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/14/22	06/14/22 20:25	LL
tert-Amyl methyl ether (TAME)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
Benzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
Bromobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
Bromochloromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
Bromodichloromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
Bromoform	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
Bromomethane	ND		ug/L	5.0	5.0	1	06/14/22	06/14/22 20:25	LL
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/14/22	06/14/22 20:25	LL
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/14/22	06/14/22 20:25	LL
n-Butylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
sec-Butylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
tert-Butylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
Carbon disulfide	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
Carbon tetrachloride	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
Chlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
Chloroethane	ND		ug/L	5.0	5.0	1	06/14/22	06/14/22 20:25	LL
Chloroform	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
Chloromethane	ND		ug/L	5.0	5.0	1	06/14/22	06/14/22 20:25	LL
2-Chlorotoluene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
4-Chlorotoluene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
Dibromochloromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
1,2-Dibromoethane (EDB)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
Dibromomethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
1,2-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
1,3-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
1,4-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
Dichlorodifluoromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
1,1-Dichloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
1,2-Dichloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
1,1-Dichloroethene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL

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

Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

MW-2

2060827-05 (Nonpotable Water)
Sample Date: 06/07/22

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	06/14/22	06/14/22 20:25	LL
trans-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
Dichlorofluoromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
1,2-Dichloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
1,3-Dichloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
2,2-Dichloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
1,1-Dichloropropene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
cis-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
trans-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
Diisopropyl ether (DIPE)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
Ethylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
Hexachlorobutadiene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
2-Hexanone	ND		ug/L	10.0	10.0	1	06/14/22	06/14/22 20:25	LL
Isopropylbenzene (Cumene)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
4-Isopropyltoluene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
Methyl tert-butyl ether (MTBE)	**2.6**		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/14/22	06/14/22 20:25	LL
Methylene chloride	ND		ug/L	10.0	10.0	1	06/14/22	06/14/22 20:25	LL
Naphthalene	ND		ug/L	2.0	2.0	1	06/14/22	06/14/22 20:25	LL
n-Propylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
Styrene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
Tetrachloroethene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
Toluene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
1,2,3-Trichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
1,2,4-Trichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
1,1,1-Trichloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
1,1,2-Trichloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
Trichloroethene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
1,2,3-Trichloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL

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Analytical Results

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www.mdspectral.com

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

MW-2

2060827-05 (Nonpotable Water)
Sample Date: 06/07/22

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	06/14/22	06/14/22 20:25	LL
1,3,5-Trimethylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
Vinyl chloride	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
o-Xylene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
m- & p-Xylenes	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:25	LL
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*107 %*			*06/14/22*	*06/14/22 20:25*	
Surrogate: Toluene-d8			*75-120*	*102 %*			*06/14/22*	*06/14/22 20:25*	
Surrogate: 4-Bromofluorobenzene			*75-120*	*99 %*			*06/14/22*	*06/14/22 20:25*	

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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

GDG-EFB

2060827-06 (Nonpotable Water)
Sample Date: 06/07/22

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	06/14/22	06/14/22 20:50	LL
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/14/22	06/14/22 20:50	LL
tert-Amyl methyl ether (TAME)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
Benzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
Bromobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
Bromochloromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
Bromodichloromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
Bromoform	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
Bromomethane	ND		ug/L	5.0	5.0	1	06/14/22	06/14/22 20:50	LL
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/14/22	06/14/22 20:50	LL
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/14/22	06/14/22 20:50	LL
n-Butylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
sec-Butylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
tert-Butylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
Carbon disulfide	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
Carbon tetrachloride	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
Chlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
Chloroethane	ND		ug/L	5.0	5.0	1	06/14/22	06/14/22 20:50	LL
Chloroform	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
Chloromethane	ND		ug/L	5.0	5.0	1	06/14/22	06/14/22 20:50	LL
2-Chlorotoluene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
4-Chlorotoluene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
Dibromochloromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
1,2-Dibromoethane (EDB)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
Dibromomethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
1,2-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
1,3-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
1,4-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
Dichlorodifluoromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
1,1-Dichloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
1,2-Dichloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
1,1-Dichloroethene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL

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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

GDG-EFB

2060827-06 (Nonpotable Water)
Sample Date: 06/07/22

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	06/14/22	06/14/22 20:50	LL
trans-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
Dichlorofluoromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
1,2-Dichloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
1,3-Dichloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
2,2-Dichloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
1,1-Dichloropropene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
cis-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
trans-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
Diisopropyl ether (DIPE)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
Ethylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
Hexachlorobutadiene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
2-Hexanone	ND		ug/L	10.0	10.0	1	06/14/22	06/14/22 20:50	LL
Isopropylbenzene (Cumene)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
4-Isopropyltoluene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/14/22	06/14/22 20:50	LL
Methylene chloride	ND		ug/L	10.0	10.0	1	06/14/22	06/14/22 20:50	LL
Naphthalene	ND		ug/L	2.0	2.0	1	06/14/22	06/14/22 20:50	LL
n-Propylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
Styrene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
Tetrachloroethene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
Toluene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
1,2,3-Trichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
1,2,4-Trichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
1,1,1-Trichloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
1,1,2-Trichloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
Trichloroethene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
1,2,3-Trichloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL

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Analytical Results

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Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

GDG-EFB

2060827-06 (Nonpotable Water)
Sample Date: 06/07/22

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	06/14/22	06/14/22 20:50	LL
1,3,5-Trimethylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
Vinyl chloride	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
o-Xylene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
m- & p-Xylenes	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 20:50	LL
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*107 %*		*06/14/22*		*06/14/22 20:50*	
Surrogate: Toluene-d8			*75-120*	*102 %*		*06/14/22*		*06/14/22 20:50*	
Surrogate: 4-Bromofluorobenzene			*75-120*	*98 %*		*06/14/22*		*06/14/22 20:50*	

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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

MW-1

2060827-07RE1 (Nonpotable Water)
Sample Date: 06/08/22

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	06/16/22	06/16/22 13:44	LL
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/16/22	06/16/22 13:44	LL
tert-Amyl methyl ether (TAME)	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
Benzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
Bromobenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
Bromochloromethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
Bromodichloromethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
Bromoform	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
Bromomethane	ND		ug/L	5.0	5.0	1	06/16/22	06/16/22 13:44	LL
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/16/22	06/16/22 13:44	LL
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/16/22	06/16/22 13:44	LL
n-Butylbenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
sec-Butylbenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
tert-Butylbenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
Carbon disulfide	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
Carbon tetrachloride	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
Chlorobenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
Chloroethane	ND		ug/L	5.0	5.0	1	06/16/22	06/16/22 13:44	LL
Chloroform	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
Chloromethane	ND		ug/L	5.0	5.0	1	06/16/22	06/16/22 13:44	LL
2-Chlorotoluene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
4-Chlorotoluene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
Dibromochloromethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
1,2-Dibromoethane (EDB)	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
Dibromomethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
1,2-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
1,3-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
1,4-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
Dichlorodifluoromethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
1,1-Dichloroethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
1,2-Dichloroethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
1,1-Dichloroethene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL

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410-247-7600
www.mdspectral.com

Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

MW-1

2060827-07RE1 (Nonpotable Water)
Sample Date: 06/08/22

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	06/16/22	06/16/22 13:44	LL
trans-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
Dichlorofluoromethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
1,2-Dichloropropane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
1,3-Dichloropropane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
2,2-Dichloropropane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
1,1-Dichloropropene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
cis-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
trans-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
Diisopropyl ether (DIPE)	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
Ethylbenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
Hexachlorobutadiene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
2-Hexanone	ND		ug/L	10.0	10.0	1	06/16/22	06/16/22 13:44	LL
Isopropylbenzene (Cumene)	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
4-Isopropyltoluene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/16/22	06/16/22 13:44	LL
Methylene chloride	ND		ug/L	10.0	10.0	1	06/16/22	06/16/22 13:44	LL
Naphthalene	ND		ug/L	2.0	2.0	1	06/16/22	06/16/22 13:44	LL
n-Propylbenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
Styrene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
Tetrachloroethene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
Toluene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
1,2,3-Trichlorobenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
1,2,4-Trichlorobenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
1,1,1-Trichloroethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
1,1,2-Trichloroethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
Trichloroethene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
1,2,3-Trichloropropane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL

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Analytical Results

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www.mdspectral.com

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

MW-1

2060827-07RE1 (Nonpotable Water)
Sample Date: 06/08/22

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	06/16/22	06/16/22 13:44	LL
1,3,5-Trimethylbenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
Vinyl chloride	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
o-Xylene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
m- & p-Xylenes	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 13:44	LL
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*110 %*			*06/16/22*	*06/16/22 13:44*	
Surrogate: Toluene-d8			*75-120*	*94 %*			*06/16/22*	*06/16/22 13:44*	
Surrogate: 4-Bromofluorobenzene			*75-120*	*101 %*			*06/16/22*	*06/16/22 13:44*	

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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

MW-1 A

2060827-08 (Nonpotable Water)
Sample Date: 06/08/22

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	06/14/22	06/14/22 21:38	LL
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/14/22	06/14/22 21:38	LL
tert-Amyl methyl ether (TAME)	**4.6**		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
Benzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
Bromobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
Bromochloromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
Bromodichloromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
Bromoform	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
Bromomethane	ND		ug/L	5.0	5.0	1	06/14/22	06/14/22 21:38	LL
tert-Butanol (TBA)	**41.2**		ug/L	15.0	15.0	1	06/14/22	06/14/22 21:38	LL
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/14/22	06/14/22 21:38	LL
n-Butylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
sec-Butylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
tert-Butylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
Carbon disulfide	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
Carbon tetrachloride	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
Chlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
Chloroethane	ND		ug/L	5.0	5.0	1	06/14/22	06/14/22 21:38	LL
Chloroform	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
Chloromethane	ND		ug/L	5.0	5.0	1	06/14/22	06/14/22 21:38	LL
2-Chlorotoluene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
4-Chlorotoluene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
Dibromochloromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
1,2-Dibromoethane (EDB)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
Dibromomethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
1,2-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
1,3-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
1,4-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
Dichlorodifluoromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
1,1-Dichloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
1,2-Dichloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
1,1-Dichloroethene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL

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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

MW-1 A

2060827-08 (Nonpotable Water)
Sample Date: 06/08/22

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	06/14/22	06/14/22 21:38	LL
trans-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
Dichlorofluoromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
1,2-Dichloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
1,3-Dichloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
2,2-Dichloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
1,1-Dichloropropene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
cis-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
trans-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
Diisopropyl ether (DIPE)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
Ethylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
Hexachlorobutadiene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
2-Hexanone	ND		ug/L	10.0	10.0	1	06/14/22	06/14/22 21:38	LL
Isopropylbenzene (Cumene)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
4-Isopropyltoluene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
Methyl tert-butyl ether (MTBE)	**72.8**		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/14/22	06/14/22 21:38	LL
Methylene chloride	ND		ug/L	10.0	10.0	1	06/14/22	06/14/22 21:38	LL
Naphthalene	ND		ug/L	2.0	2.0	1	06/14/22	06/14/22 21:38	LL
n-Propylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
Styrene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
Tetrachloroethene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
Toluene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
1,2,3-Trichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
1,2,4-Trichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
1,1,1-Trichloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
1,1,2-Trichloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
Trichloroethene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
1,2,3-Trichloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL

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Analytical Results

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www.mdspectral.com

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

MW-1 A

2060827-08 (Nonpotable Water)
Sample Date: 06/08/22

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	06/14/22	06/14/22 21:38	LL
1,3,5-Trimethylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
Vinyl chloride	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
o-Xylene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
m- & p-Xylenes	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 21:38	LL
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*108 %*		*06/14/22*		*06/14/22 21:38*	
Surrogate: Toluene-d8			*75-120*	*103 %*		*06/14/22*		*06/14/22 21:38*	
Surrogate: 4-Bromofluorobenzene			*75-120*	*96 %*		*06/14/22*		*06/14/22 21:38*	

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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

LOT 7 WELL

2060827-09RE1 (Nonpotable Water)
Sample Date: 06/08/22

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	06/16/22	06/16/22 14:07	LL
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/16/22	06/16/22 14:07	LL
tert-Amyl methyl ether (TAME)	**8.1**		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
Benzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
Bromobenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
Bromochloromethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
Bromodichloromethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
Bromoform	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
Bromomethane	ND		ug/L	5.0	5.0	1	06/16/22	06/16/22 14:07	LL
tert-Butanol (TBA)	**52.7**		ug/L	15.0	15.0	1	06/16/22	06/16/22 14:07	LL
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/16/22	06/16/22 14:07	LL
n-Butylbenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
sec-Butylbenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
tert-Butylbenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
Carbon disulfide	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
Carbon tetrachloride	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
Chlorobenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
Chloroethane	ND		ug/L	5.0	5.0	1	06/16/22	06/16/22 14:07	LL
Chloroform	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
Chloromethane	ND		ug/L	5.0	5.0	1	06/16/22	06/16/22 14:07	LL
2-Chlorotoluene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
4-Chlorotoluene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
Dibromochloromethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
1,2-Dibromoethane (EDB)	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
Dibromomethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
1,2-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
1,3-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
1,4-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
Dichlorodifluoromethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
1,1-Dichloroethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
1,2-Dichloroethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
1,1-Dichloroethene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL

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Rabecka Koons, Quality Assurance Officer

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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

LOT 7 WELL

2060827-09RE1 (Nonpotable Water)
Sample Date: 06/08/22

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	06/16/22	06/16/22 14:07	LL
trans-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
Dichlorofluoromethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
1,2-Dichloropropane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
1,3-Dichloropropane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
2,2-Dichloropropane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
1,1-Dichloropropene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
cis-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
trans-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
Diisopropyl ether (DIPE)	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
Ethylbenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
Hexachlorobutadiene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
2-Hexanone	ND		ug/L	10.0	10.0	1	06/16/22	06/16/22 14:07	LL
Isopropylbenzene (Cumene)	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
4-Isopropyltoluene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
Methyl tert-butyl ether (MTBE)	**176**		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/16/22	06/16/22 14:07	LL
Methylene chloride	ND		ug/L	10.0	10.0	1	06/16/22	06/16/22 14:07	LL
Naphthalene	ND		ug/L	2.0	2.0	1	06/16/22	06/16/22 14:07	LL
n-Propylbenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
Styrene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
Tetrachloroethene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
Toluene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
1,2,3-Trichlorobenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
1,2,4-Trichlorobenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
1,1,1-Trichloroethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
1,1,2-Trichloroethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
Trichloroethene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
1,2,3-Trichloropropane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL

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Rabecka Koons, Quality Assurance Officer

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Analytical Results

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

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

LOT 7 WELL

2060827-09RE1 (Nonpotable Water)
Sample Date: 06/08/22

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	06/16/22	06/16/22 14:07	LL
1,3,5-Trimethylbenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
Vinyl chloride	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
o-Xylene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
m- & p-Xylenes	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:07	LL
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*112 %*			*06/16/22*	*06/16/22 14:07*	
Surrogate: Toluene-d8			*75-120*	*94 %*			*06/16/22*	*06/16/22 14:07*	
Surrogate: 4-Bromofluorobenzene			*75-120*	*100 %*			*06/16/22*	*06/16/22 14:07*	

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Baltimore MD 21227
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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

GDG-DUPE

2060827-10RE1 (Nonpotable Water)
Sample Date: 06/08/22

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	06/16/22	06/16/22 14:31	LL
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/16/22	06/16/22 14:31	LL
tert-Amyl methyl ether (TAME)	**7.9**		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
Benzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
Bromobenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
Bromochloromethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
Bromodichloromethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
Bromoform	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
Bromomethane	ND		ug/L	5.0	5.0	1	06/16/22	06/16/22 14:31	LL
tert-Butanol (TBA)	**68.3**		ug/L	15.0	15.0	1	06/16/22	06/16/22 14:31	LL
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/16/22	06/16/22 14:31	LL
n-Butylbenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
sec-Butylbenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
tert-Butylbenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
Carbon disulfide	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
Carbon tetrachloride	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
Chlorobenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
Chloroethane	ND		ug/L	5.0	5.0	1	06/16/22	06/16/22 14:31	LL
Chloroform	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
Chloromethane	ND		ug/L	5.0	5.0	1	06/16/22	06/16/22 14:31	LL
2-Chlorotoluene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
4-Chlorotoluene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
Dibromochloromethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
1,2-Dibromoethane (EDB)	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
Dibromomethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
1,2-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
1,3-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
1,4-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
Dichlorodifluoromethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
1,1-Dichloroethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
1,2-Dichloroethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
1,1-Dichloroethene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL

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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

GDG-DUPE

2060827-10RE1 (Nonpotable Water)
Sample Date: 06/08/22

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	06/16/22	06/16/22 14:31	LL
trans-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
Dichlorofluoromethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
1,2-Dichloropropane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
1,3-Dichloropropane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
2,2-Dichloropropane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
1,1-Dichloropropene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
cis-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
trans-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
Diisopropyl ether (DIPE)	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
Ethylbenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
Hexachlorobutadiene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
2-Hexanone	ND		ug/L	10.0	10.0	1	06/16/22	06/16/22 14:31	LL
Isopropylbenzene (Cumene)	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
4-Isopropyltoluene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
Methyl tert-butyl ether (MTBE)	**171**		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/16/22	06/16/22 14:31	LL
Methylene chloride	ND		ug/L	10.0	10.0	1	06/16/22	06/16/22 14:31	LL
Naphthalene	ND		ug/L	2.0	2.0	1	06/16/22	06/16/22 14:31	LL
n-Propylbenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
Styrene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
Tetrachloroethene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
Toluene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
1,2,3-Trichlorobenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
1,2,4-Trichlorobenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
1,1,1-Trichloroethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
1,1,2-Trichloroethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
Trichloroethene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
1,2,3-Trichloropropane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL

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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

GDG-DUPE

2060827-10RE1 (Nonpotable Water)
Sample Date: 06/08/22

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	06/16/22	06/16/22 14:31	LL
1,3,5-Trimethylbenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
Vinyl chloride	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
o-Xylene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
m- & p-Xylenes	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:31	LL
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*111 %*			*06/16/22*	*06/16/22 14:31*	
Surrogate: Toluene-d8			*75-120*	*96 %*			*06/16/22*	*06/16/22 14:31*	
Surrogate: 4-Bromofluorobenzene			*75-120*	*100 %*			*06/16/22*	*06/16/22 14:31*	

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Analytical Results

1500 Caton Center Dr Suite G
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Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

GDG-EFF

2060827-11 (Nonpotable Water)
Sample Date: 06/08/22

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	ND		ug/L	100	100	1	06/15/22	06/15/22 15:56	RH
Surrogate: a,a,a-Trifluorotoluene [2C]			*85-115*	*102 %*	*06/15/22*		*06/15/22 15:56*		

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Rabecka Koons, Quality Assurance Officer

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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

GDG-EFF

2060827-11RE1 (Nonpotable Water)
Sample Date: 06/08/22

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	06/16/22	06/16/22 14:54	LL
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/16/22	06/16/22 14:54	LL
tert-Amyl methyl ether (TAME)	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
Benzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
Bromobenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
Bromochloromethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
Bromodichloromethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
Bromoform	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
Bromomethane	ND		ug/L	5.0	5.0	1	06/16/22	06/16/22 14:54	LL
tert-Butanol (TBA)	**17.4**		ug/L	15.0	15.0	1	06/16/22	06/16/22 14:54	LL
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/16/22	06/16/22 14:54	LL
n-Butylbenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
sec-Butylbenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
tert-Butylbenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
Carbon disulfide	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
Carbon tetrachloride	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
Chlorobenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
Chloroethane	ND		ug/L	5.0	5.0	1	06/16/22	06/16/22 14:54	LL
Chloroform	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
Chloromethane	ND		ug/L	5.0	5.0	1	06/16/22	06/16/22 14:54	LL
2-Chlorotoluene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
4-Chlorotoluene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
Dibromochloromethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
1,2-Dibromoethane (EDB)	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
Dibromomethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
1,2-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
1,3-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
1,4-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
Dichlorodifluoromethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
1,1-Dichloroethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
1,2-Dichloroethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
1,1-Dichloroethene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL

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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

GDG-EFF

2060827-11RE1 (Nonpotable Water)
Sample Date: 06/08/22

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	06/16/22	06/16/22 14:54	LL
trans-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
Dichlorofluoromethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
1,2-Dichloropropane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
1,3-Dichloropropane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
2,2-Dichloropropane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
1,1-Dichloropropene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
cis-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
trans-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
Diisopropyl ether (DIPE)	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
Ethylbenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
Hexachlorobutadiene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
2-Hexanone	ND		ug/L	10.0	10.0	1	06/16/22	06/16/22 14:54	LL
Isopropylbenzene (Cumene)	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
4-Isopropyltoluene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/16/22	06/16/22 14:54	LL
Methylene chloride	ND		ug/L	10.0	10.0	1	06/16/22	06/16/22 14:54	LL
Naphthalene	ND		ug/L	2.0	2.0	1	06/16/22	06/16/22 14:54	LL
n-Propylbenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
Styrene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
Tetrachloroethene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
Toluene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
1,2,3-Trichlorobenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
1,2,4-Trichlorobenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
1,1,1-Trichloroethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
1,1,2-Trichloroethane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
Trichloroethene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
1,2,3-Trichloropropane	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL

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Rabecka Koons, Quality Assurance Officer

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Analytical Results

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

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

GDG-EFF

2060827-11RE1 (Nonpotable Water)
Sample Date: 06/08/22

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	06/16/22	06/16/22 14:54	LL
1,3,5-Trimethylbenzene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
Vinyl chloride	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
o-Xylene	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
m- & p-Xylenes	ND		ug/L	2.0	1.0	1	06/16/22	06/16/22 14:54	LL
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*112 %*			*06/16/22*	*06/16/22 14:54*	
Surrogate: Toluene-d8			*75-120*	*94 %*			*06/16/22*	*06/16/22 14:54*	
Surrogate: 4-Bromofluorobenzene			*75-120*	*100 %*			*06/16/22*	*06/16/22 14:54*	

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Maryland spectral Services

Analytical Chemistry Services

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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

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GDG-GW-TB

2060827-12 (Nonpotable Water)
Sample Date: 06/01/22

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	**12.1**		ug/L	10.0	10.0	1	06/14/22	06/14/22 17:58	LL
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/14/22	06/14/22 17:58	LL
tert-Amyl methyl ether (TAME)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
Benzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
Bromobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
Bromochloromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
Bromodichloromethane	**15.8**		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
Bromoform	**2.8**		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
Bromomethane	ND		ug/L	5.0	5.0	1	06/14/22	06/14/22 17:58	LL
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/14/22	06/14/22 17:58	LL
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/14/22	06/14/22 17:58	LL
n-Butylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
sec-Butylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
tert-Butylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
Carbon disulfide	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
Carbon tetrachloride	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
Chlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
Chloroethane	ND		ug/L	5.0	5.0	1	06/14/22	06/14/22 17:58	LL
Chloroform	**68.5**		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
Chloromethane	ND		ug/L	5.0	5.0	1	06/14/22	06/14/22 17:58	LL
2-Chlorotoluene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
4-Chlorotoluene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
Dibromochloromethane	**3.9**		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
1,2-Dibromoethane (EDB)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
Dibromomethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
1,2-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
1,3-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
1,4-Dichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
Dichlorodifluoromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
1,1-Dichloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
1,2-Dichloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
1,1-Dichloroethene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL

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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

GDG-GW-TB

2060827-12 (Nonpotable Water)
Sample Date: 06/01/22

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	06/14/22	06/14/22 17:58	LL
trans-1,2-Dichloroethene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
Dichlorofluoromethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
1,2-Dichloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
1,3-Dichloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
2,2-Dichloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
1,1-Dichloropropene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
cis-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
trans-1,3-Dichloropropene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
Diisopropyl ether (DIPE)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
Ethylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
Hexachlorobutadiene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
2-Hexanone	ND		ug/L	10.0	10.0	1	06/14/22	06/14/22 17:58	LL
Isopropylbenzene (Cumene)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
4-Isopropyltoluene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/14/22	06/14/22 17:58	LL
Methylene chloride	ND		ug/L	10.0	10.0	1	06/14/22	06/14/22 17:58	LL
Naphthalene	ND		ug/L	2.0	2.0	1	06/14/22	06/14/22 17:58	LL
n-Propylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
Styrene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
Tetrachloroethene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
Toluene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
1,2,3-Trichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
1,2,4-Trichlorobenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
1,1,1-Trichloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
1,1,2-Trichloroethane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
Trichloroethene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
1,2,3-Trichloropropane	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL

Rabecka Koons

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Analytical Results

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

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

GDG-GW-TB

2060827-12 (Nonpotable Water)
Sample Date: 06/01/22

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	06/14/22	06/14/22 17:58	LL
1,3,5-Trimethylbenzene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
Vinyl chloride	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
o-Xylene	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
m- & p-Xylenes	ND		ug/L	2.0	1.0	1	06/14/22	06/14/22 17:58	LL
Surrogate: 1,2-Dichloroethane-d4			*70-130*	*108 %*			*06/14/22*	*06/14/22 17:58*	
Surrogate: Toluene-d8			*75-120*	*102 %*			*06/14/22*	*06/14/22 17:58*	
Surrogate: 4-Bromofluorobenzene			*75-120*	*100 %*			*06/14/22*	*06/14/22 17:58*	

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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

602-DW

2060827-13 (Drinking Water)
Sample Date: 06/08/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 524.2 (GC/MS) Prepared by GCMS-WATER-VOLATILES									
tert-Amyl alcohol (TAA)	ND		ug/L	10.0	10.0	1	06/09/22	06/09/22 17:35	LL
tert-Amyl methyl ether (TAME)	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
Benzene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
Bromobenzene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
Bromochloromethane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
Bromodichloromethane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
Bromoform	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
Bromomethane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
tert-Butanol (TBA)	ND		ug/L	10.0	10.0	1	06/09/22	06/09/22 17:35	LL
n-Butylbenzene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
sec-Butylbenzene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
tert-Butylbenzene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
Carbon tetrachloride	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
Chlorobenzene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
Chloroethane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
Chloroform	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
Chloromethane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
2-Chlorotoluene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
4-Chlorotoluene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
Dibromochloromethane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
1,2-Dibromoethane (EDB)	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
Dibromomethane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
1,2-Dichlorobenzene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
1,3-Dichlorobenzene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
1,4-Dichlorobenzene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
Dichlorodifluoromethane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
1,1-Dichloroethane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
1,2-Dichloroethane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
1,1-Dichloroethene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
1,2-Dichloropropane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL

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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

602-DW

2060827-13 (Drinking Water)
Sample Date: 06/08/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 524.2 (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,3-Dichloropropane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
2,2-Dichloropropane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
1,1-Dichloropropene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
cis-1,3-Dichloropropene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
trans-1,3-Dichloropropene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
Diisopropyl ether (DIPE)	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
Ethylbenzene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
Hexachlorobutadiene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
Isopropylbenzene (Cumene)	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
4-Isopropyltoluene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
Methyl tert-butyl ether (MTBE)	**0.64**		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
Methylene chloride	ND		ug/L	1.00	1.00	1	06/09/22	06/09/22 17:35	LL
Naphthalene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
n-Propylbenzene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
Styrene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
Tetrachloroethene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
Toluene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
1,2,3-Trichlorobenzene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
1,1,1-Trichloroethane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
1,1,2-Trichloroethane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
Trichloroethene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
1,2,3-Trichloropropane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
1,2,4-Trimethylbenzene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
1,3,5-Trimethylbenzene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
Vinyl chloride	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
o-Xylene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
m- & p-Xylenes	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:35	LL
Surrogate: 4-Bromofluorobenzene			*80-120*	*102 %*			*06/09/22*	*06/09/22 17:35*	

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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

602-DW

2060827-13 (Drinking Water)
Sample Date: 06/08/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 524.2 (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
Surrogate: 1,2-Dichlorobenzene-d4			*80-120*	*110 %*		*06/09/22*	*06/09/22 17:35*		

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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

2040-DW

2060827-14 (Drinking Water)
Sample Date: 06/08/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 524.2 (GC/MS) Prepared by GCMS-WATER-VOLATILES									
tert-Amyl alcohol (TAA)	ND		ug/L	10.0	10.0	1	06/09/22	06/09/22 17:58	LL
tert-Amyl methyl ether (TAME)	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
Benzene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
Bromobenzene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
Bromochloromethane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
Bromodichloromethane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
Bromoform	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
Bromomethane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
tert-Butanol (TBA)	ND		ug/L	10.0	10.0	1	06/09/22	06/09/22 17:58	LL
n-Butylbenzene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
sec-Butylbenzene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
tert-Butylbenzene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
Carbon tetrachloride	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
Chlorobenzene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
Chloroethane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
Chloroform	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
Chloromethane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
2-Chlorotoluene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
4-Chlorotoluene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
Dibromochloromethane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
1,2-Dibromoethane (EDB)	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
Dibromomethane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
1,2-Dichlorobenzene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
1,3-Dichlorobenzene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
1,4-Dichlorobenzene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
Dichlorodifluoromethane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
1,1-Dichloroethane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
1,2-Dichloroethane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
1,1-Dichloroethene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
1,2-Dichloropropane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL

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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

2040-DW

2060827-14 (Drinking Water)
Sample Date: 06/08/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 524.2 (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,3-Dichloropropane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
2,2-Dichloropropane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
1,1-Dichloropropene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
cis-1,3-Dichloropropene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
trans-1,3-Dichloropropene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
Diisopropyl ether (DIPE)	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
Ethylbenzene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
Hexachlorobutadiene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
Isopropylbenzene (Cumene)	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
4-Isopropyltoluene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
Methyl tert-butyl ether (MTBE)	**0.54**		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
Methylene chloride	ND		ug/L	1.00	1.00	1	06/09/22	06/09/22 17:58	LL
Naphthalene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
n-Propylbenzene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
Styrene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
Tetrachloroethene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
Toluene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
1,2,3-Trichlorobenzene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
1,1,1-Trichloroethane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
1,1,2-Trichloroethane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
Trichloroethene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
1,2,3-Trichloropropane	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
1,2,4-Trimethylbenzene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
1,3,5-Trimethylbenzene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
Vinyl chloride	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
o-Xylene	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
m- & p-Xylenes	ND		ug/L	0.50	0.50	1	06/09/22	06/09/22 17:58	LL
Surrogate: 4-Bromofluorobenzene			*80-120*	*98 %*			*06/09/22*	*06/09/22 17:58*	

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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

2040-DW

2060827-14 (Drinking Water)
Sample Date: 06/08/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 524.2 (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
Surrogate: 1,2-Dichlorobenzene-d4			*80-120*	*109 %*		*06/09/22*	*06/09/22 17:58*		

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.

Rabecka Koons, Quality Assurance Officer

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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

GDG-DW-TB

2060827-15 (Drinking Water)
Sample Date: 06/01/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 524.2 (GC/MS) Prepared by GCMS-WATER-VOLATILES									
tert-Amyl alcohol (TAA)	ND		ug/L	10.0	10.0	1	06/17/22	06/17/22 16:00	LL
tert-Amyl methyl ether (TAME)	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
Benzene	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
Bromobenzene	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
Bromochloromethane	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
Bromodichloromethane	**9.12**		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
Bromoform	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
Bromomethane	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
tert-Butanol (TBA)	ND		ug/L	10.0	10.0	1	06/17/22	06/17/22 16:00	LL
n-Butylbenzene	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
sec-Butylbenzene	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
tert-Butylbenzene	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
Carbon tetrachloride	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
Chlorobenzene	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
Chloroethane	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
Chloroform	**40.9**		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
Chloromethane	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
2-Chlorotoluene	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
4-Chlorotoluene	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
Dibromochloromethane	**1.76**		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
1,2-Dibromo-3-chloropropane	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
1,2-Dibromoethane (EDB)	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
Dibromomethane	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
1,2-Dichlorobenzene	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
1,3-Dichlorobenzene	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
1,4-Dichlorobenzene	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
Dichlorodifluoromethane	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
1,1-Dichloroethane	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
1,2-Dichloroethane	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
1,1-Dichloroethene	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
1,2-Dichloropropane	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL

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Rabecka Koons, Quality Assurance Officer

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

Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

GDG-DW-TB

2060827-15 (Drinking Water)
Sample Date: 06/01/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 524.2 (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
1,3-Dichloropropane	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
2,2-Dichloropropane	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
1,1-Dichloropropene	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
cis-1,3-Dichloropropene	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
trans-1,3-Dichloropropene	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
Diisopropyl ether (DIPE)	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
Ethylbenzene	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
Hexachlorobutadiene	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
Isopropylbenzene (Cumene)	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
4-Isopropyltoluene	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
Methyl tert-butyl ether (MTBE)	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
Methylene chloride	**4.00**	L	ug/L	1.00	1.00	1	06/17/22	06/17/22 16:00	LL
Naphthalene	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
n-Propylbenzene	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
Styrene	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
Tetrachloroethene	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
Toluene	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
1,2,3-Trichlorobenzene	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
1,1,1-Trichloroethane	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
1,1,2-Trichloroethane	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
Trichloroethene	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
Trichlorofluoromethane (Freon 11)	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
1,2,3-Trichloropropane	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
1,2,4-Trimethylbenzene	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
1,3,5-Trimethylbenzene	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
Vinyl chloride	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
o-Xylene	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
m- & p-Xylenes	ND		ug/L	0.50	0.50	1	06/17/22	06/17/22 16:00	LL
Surrogate: 4-Bromofluorobenzene			*80-120*	*100 %*			*06/17/22*	*06/17/22 16:00*	

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Rabecka Koons, Quality Assurance Officer

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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

GDG-DW-TB

2060827-15 (Drinking Water)
Sample Date: 06/01/22

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Detection Limit (LOD)	Dilution	Prepared	Analyzed	Analyst
Volatile Organics by EPA 524.2 (GC/MS) Prepared by GCMS-WATER-VOLATILES (continued)									
Surrogate: 1,2-Dichlorobenzene-d4			*80-120*	*95 %*		*06/17/22*	*06/17/22 16:00*		

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Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

Maryland Spectral Services does not maintain certification for the following analytical parameters:

Maryland Spectral Services, Inc. VELAP accreditation does not include the drinking water matrix. Maryland Spectral Services, Inc is certified for all regulated analytes in EPA Method 524.2 under the Maryland Water Supply Program (SDWA). The following analytes are classified as unregulated and therefore cannot be considered certified by the regulatory bodies to which Maryland Spectral Services, Inc. subscribes, specifically the Maryland Water Supply Program (SDWA) and the Virginia Department of General Services, Division of Consolidated Laboratory Services (SDWA and VELAP):

Maryland Spectral Services

Matrix , Method , Analyte

Water | 524.2 (Drinking Water) | tert-Amyl alcohol (TAA)
Water | 524.2 (Drinking Water) | tert-Amyl methyl ether (TAME)
Water | 524.2 (Drinking Water) | Bromobenzene
Water | 524.2 (Drinking Water) | Bromochloromethane
Water | 524.2 (Drinking Water) | Bromomethane
Water | 524.2 (Drinking Water) | tert-Butanol (TBA)
Water | 524.2 (Drinking Water) | n-Butylbenzene
Water | 524.2 (Drinking Water) | sec-Butylbenzene
Water | 524.2 (Drinking Water) | tert-Butylbenzene
Water | 524.2 (Drinking Water) | Chloroethane
Water | 524.2 (Drinking Water) | Chloromethane
Water | 524.2 (Drinking Water) | 2-Chlorotoluene
Water | 524.2 (Drinking Water) | 4-Chlorotoluene
Water | 524.2 (Drinking Water) | Dibromomethane
Water | 524.2 (Drinking Water) | 1,3-Dichlorobenzene
Water | 524.2 (Drinking Water) | Dichlorodifluoromethane
Water | 524.2 (Drinking Water) | 1,1-Dichloroethane
Water | 524.2 (Drinking Water) | 1,3-Dichloropropane
Water | 524.2 (Drinking Water) | 2,2-Dichloropropane
Water | 524.2 (Drinking Water) | 1,1-Dichloropropene
Water | 524.2 (Drinking Water) | cis-1,3-Dichloropropene
Water | 524.2 (Drinking Water) | trans-1,3-Dichloropropene
Water | 524.2 (Drinking Water) | Diisopropyl ether (DIPE)
Water | 524.2 (Drinking Water) | Ethyl tert-butyl ether (ETBE)
Water | 524.2 (Drinking Water) | Hexachlorobutadiene
Water | 524.2 (Drinking Water) | Isopropylbenzene (Cumene)
Water | 524.2 (Drinking Water) | 4-Isopropyltoluene
Water | 524.2 (Drinking Water) | Methyl tert-butyl ether (MTBE)
Water | 524.2 (Drinking Water) | Naphthalene
Water | 524.2 (Drinking Water) | n-Propylbenzene
Water | 524.2 (Drinking Water) | 1,1,1,2-Tetrachloroethane
Water | 524.2 (Drinking Water) | 1,1,2,2-Tetrachloroethane
Water | 524.2 (Drinking Water) | 1,2,3-Trichlorobenzene
Water | 524.2 (Drinking Water) | Trichlorofluoromethane (Freon 11)
Water | 524.2 (Drinking Water) | 1,2,3-Trichloropropane
Water | 524.2 (Drinking Water) | 1,2,4-Trimethylbenzene
Water | 524.2 (Drinking Water) | 1,3,5-Trimethylbenzene

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Rabecka Koons, Quality Assurance Officer

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Maryland spectral Services

Analytical Chemistry Services

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

Analytical Results

Project: GEORGE'S DELI & GAS

Project Number: CG-08-0348
Project Manager: Kevin Howard

Reported:
07/12/22 13:49

Report revised to include narrative. Original report ID 2060827 06 20 22 1256.

Notes and Definitions

L	Analyte is a possible laboratory contaminant
J	Detected but below the reporting limit; therefore, result is an estimated concentration (CLP J-Flag).
B	Analyte is found in the associated blank as well as in the sample (CLP B-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 accredidation

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

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.

Rabecka Koons, Quality Assurance Officer

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

Company Name: Chesapeake GeoSciences, Inc.	Project Manager: Kevin Howard						Analysis Requested										**CHAIN-OF-CUSTODY RECORD**		
Project Name: George's Deli & Gas Case No. **2007-0096-CL**	Project ID: CG-08-0348																Maryland Spectral Services, Inc. 1500 Caton Center Drive, Suite G Baltimore, MD 21227 410-247-7600 o Fax 410-247-7602 labman@mdspectral.com		
Sampler(s): Meg Staines & Devin Glancey	P.O. Number: CG080348MS																Report revised to include narrative. Original report ID 2060827 06 20 22 1256. Matrix Codes: NW (nonpotable water) PW (potable water)		
Field Sample ID	Date	Time	Water	Soil	Other	No. of Containers	VOCs via EPA 8260	VOCs via EPA 524.2									Preservative: 1 + 1 HCL, H_2SO_4, Methanol, $Na_2S_2O_3$, $NaHCO_3$	Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank	MSS Lab ID
H-1A	6/7/22	10:25	X			3	X										1+1 HCl		**2060827-01 A**
MW-7B		11:30	X			3	X										1+1 HCl		-02
MW-7R		12:35	X			3	X										1+1 HCl		-03
MW-7A		13:35	X			3	X										1+1 HCl		-04
MW-2		14:45	X			3	X										1+1 HCl		-05
GDG-EFB		15:15	X			3	X										1+1 HCl	Equip Field Blank	-06
MW-1	6/8/22	10:15	X			3	X										1+1 HCl		-07
MW-1A		11:20	X			3	X										1+1 HCl		-08
Lot 7 Well		12:35	X			3	X										1+1 HCl		-09
GDG-Dupe		00:00	X			3	X										1+1 HCl		-10

Relinquished by: *(Signature)*	Date/Time	Received by: *(Signature)*	Relinquished by: *(Signature)*	Date/Time	Received by: *(Signature)*
(Printed) Devin Glancey	6/9/22 16:52	*(Printed)*	*(Printed)*		*(Printed)*
Relinquished by: *(Signature)*	Date/Time	Received by Lab: *(Signature)*	Turn Around Time:	Lab Use:	
(Printed)	16:53 6-8-22	*(Printed)* Lori Foster	☒ Normal (7 day) ☐ 5 day ☐ 4 day ☐ 3 day ☐ Rush (2 day) ☐ Next Day ☐ Other: ____ ☐ Specific Due Date: ____	Temp: 5.6 °C ☑ Received on Ice ☐ Received same day ☐ Preservation Appropriate	
Delivery Method: ☐ Courier ☒ Client ☐ UPS ☐ FedEx ☐ USPS ☐ Other: ____	Special Instructions/QC Requirements & Comments: Email results to khoward@cgs.us.com and nlove@cgs.us.com. Please include fuel oxygenates + naphthalene in VOCs 8260. Please J-flag the results. Goes with GW samples relinquished 6/6/22			Sample Disposal: ☐ Return to Client ☐ Disposal by lab ☒ Archive for 14 days	

Company Name: Chesapeake GeoSciences, Inc.	Project Manager: Kevin Howard	Analysis Requested	**CHAIN-OF-CUSTODY RECORD**
Project Name: George's Deli & Gas Case No. **2007-0096-CL**	Project ID: CG-08-0348		Maryland Spectral Services, Inc. 1500 Caton Center Drive, Suite G Baltimore, MD 21227 410-247-7600 o Fax 410-247-7602 labman@mdspectral.com
Sampler(s): Meg Staines & Devin Glancey	P.O. Number: CG080348MS		Matrix Codes: NW (nonpotable water) PW (potable water) Report revised to include narrative. Original report ID 2060827 06 20 22 1256

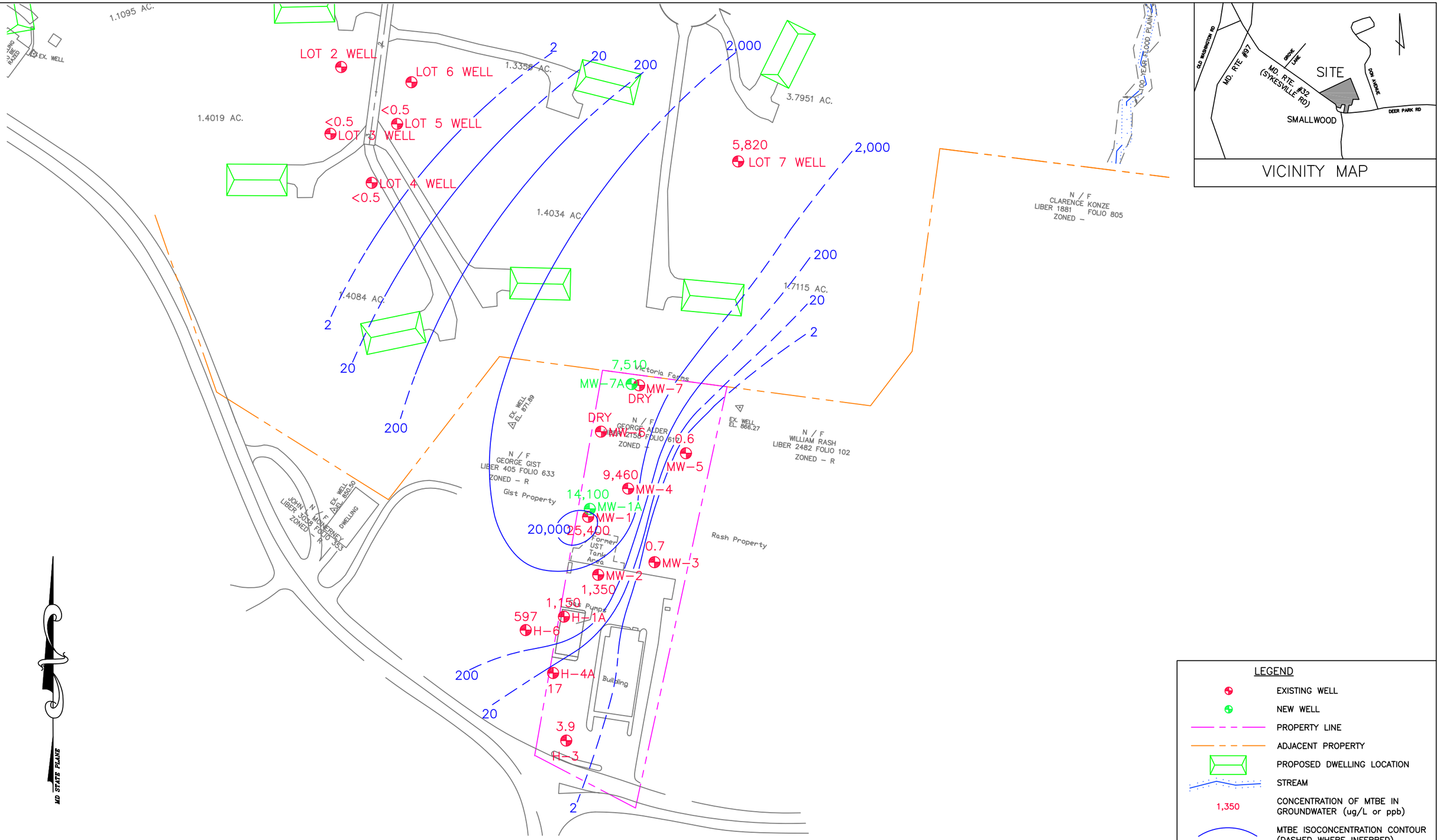
Field Sample ID	Date	Time	Water	Soil	Other	No. of Containers	VOCs via EPA 8260	VOCs via EPA 524.2	TPH-GRO 8015	Preservative: 1 + 1 HCL, H_2SO_4, Methanol, $Na_2S_2O_3$, $NaHCO_3$	Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank	MSS Lab ID
GDG-EFF	6/8/22	13:33	X			6	X		X	1+1 HCl		**2060827-11 A**
GDG-GW-TB	6/1/22	10:05	X			1	X			1+1 HCl	GW Trip Blank	-12
602-DW	6/8/22	14:15	X			3		X		1+1 HCl		-13
3040-DW	6/8/22	14:50	X			3		X		1+1 HCl		-14
GDG-DW-TB	6/1/22	10:00	X			1		X		1+1 HCl	DW Trip Blank	-15

Relinquished by: *(Signature)*	Date/Time	Received by: *(Signature)*	Relinquished by: *(Signature)*	Date/Time	Received by: *(Signature)*
(Printed) Devin Glancey	6/9/22 16:52	*(Printed)*	*(Printed)*		*(Printed)*
Relinquished by: *(Signature)*	Date/Time	Received by Lab: *(Signature)*	Turn Around Time:	Lab Use:	
(Printed)	16:53 6-8-22	*(Printed)* Lori Foster	☒ Normal (7 day) ☐ 5 day ☐ 4 day ☐ 3 day ☐ Rush (2 day) ☐ Next Day ☐ Other: ____ ☐ Specific Due Date: ____	Temp: 5.6 °C ☑ Received on Ice ☑ Received same day ☐ Preservation Appropriate	

Delivery Method:	Special Instructions/QC Requirements & Comments:	Sample Disposal:
☐ Courier ☒ Client ☐ UPS ☐ FedEx ☐ USPS ☐ Other: ____	Email results to khoward@cgs.us.com and nlove@cgs.us.com. Please include fuel oxygenates + naphthalene in VOCs 8260. Please J-flag the results. Goes with GW samples relinquished 6/1/22	☐ Return to Client ☐ Disposal by lab ☒ Archive for 14 days

ATTACHMENT C

PRIOR MTBE ISOCONCENTRATION MAPS



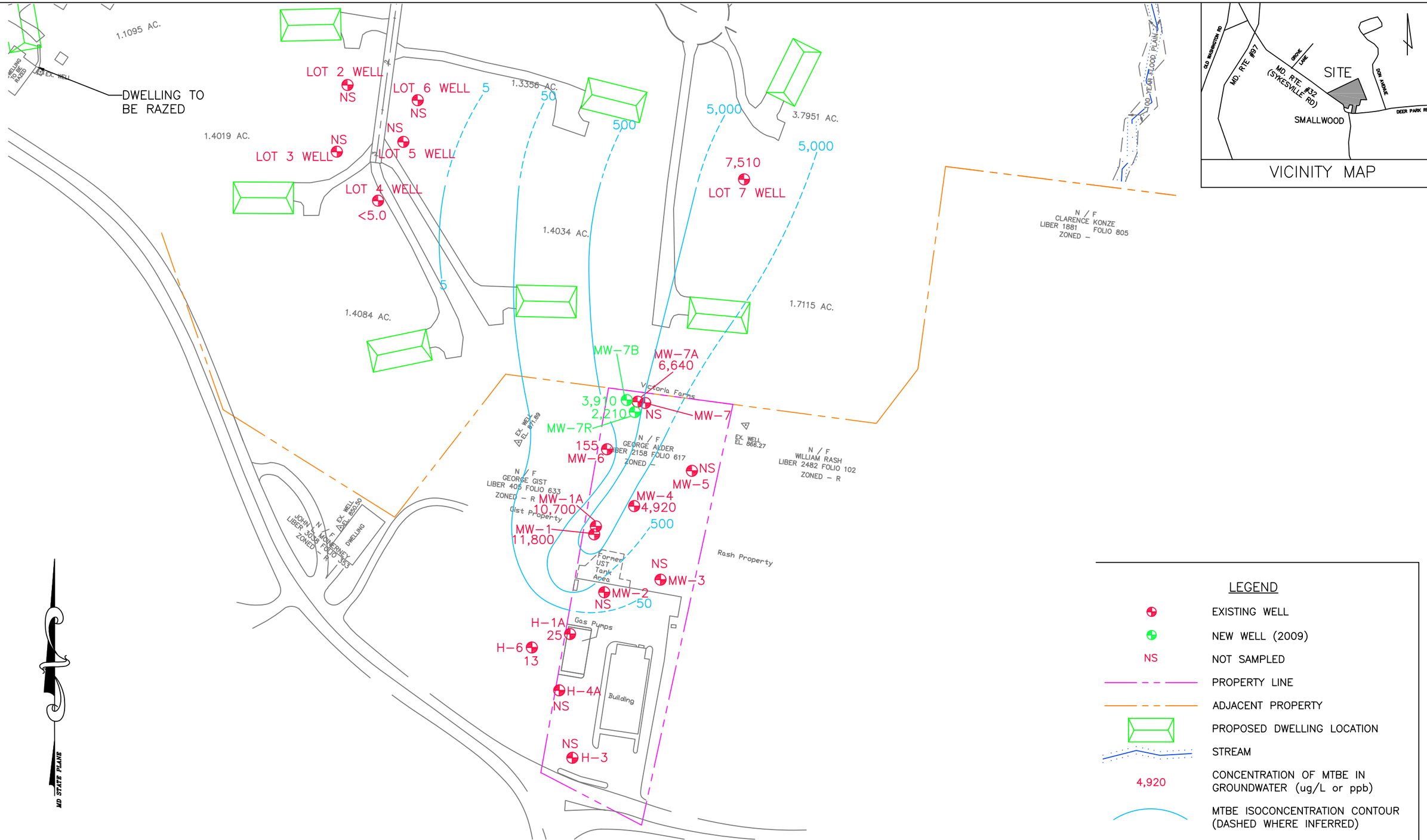
Drawn By:	Date:
Mike Walsh	09/24/08
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 100'	

CGS Chesapeake GeoSciences, Inc.

5405 Twin Knolls Road, Suite 1
Columbia, Md 21045
Phone (410) 740-1911
Fax (410) 740-3299

MTBE ISOCONCENTRATION MAP - SEPTEMBER 2008
602 Deer Park Road and 2139 Sykesville Road
Westminster, MD 21157

Figure 7

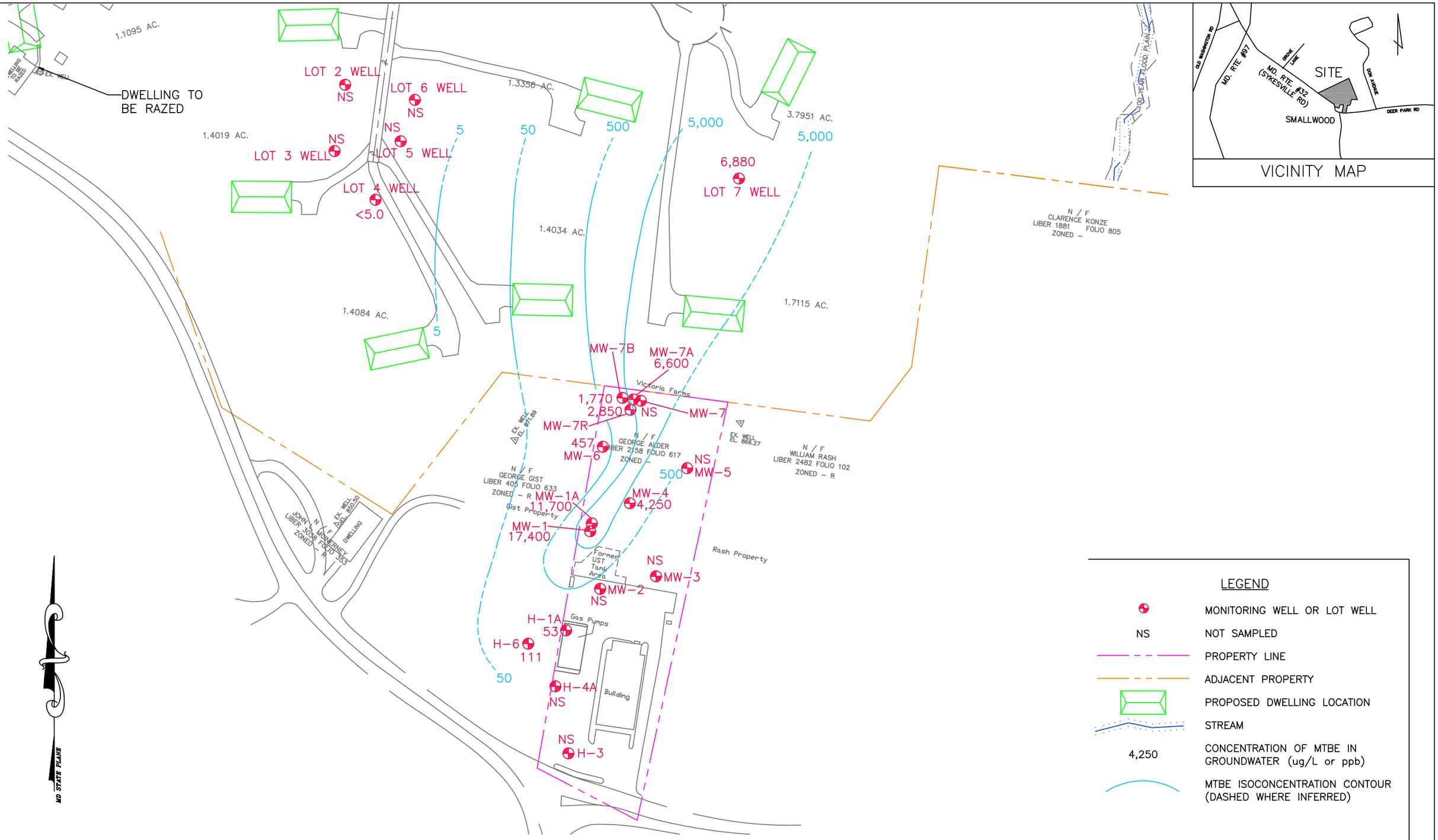


Drawn By:	Date:
Mike Walsh	01/08/10
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 100'	

CGS Chesapeake GeoSciences, Inc.
5405 Twin Knolls Road, Suite 1
Columbia, Md 21045
Phone (410) 740–1911
Fax (410) 740–3299

MTBE ISOCONCENTRATION MAP - DECEMBER 2009
602 Deer Park Road and 2139 Sykesville Road
Westminster, MD 21157

Figure 4

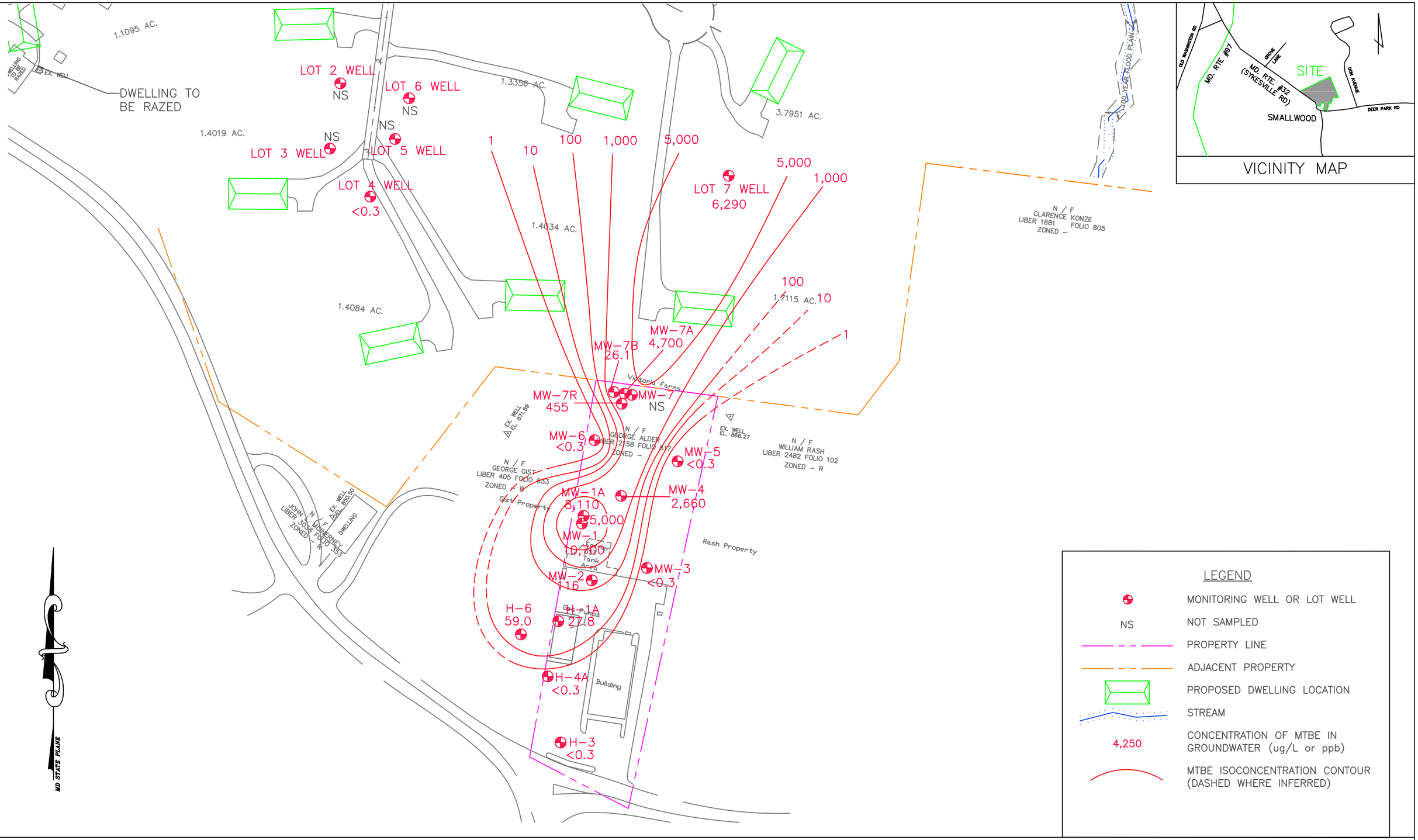


Drawn By:	Date:
Meg Staines	06/14/10
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 100'	

CGS Chesapeake GeoSciences, Inc.
5405 Twin Knolls Road, Suite 1
Columbia, Md 21045
Phone (410) 740-1911
Fax (410) 740-3299

MTBE ISOCONCENTRATION MAP - MAY 2010
602 Deer Park Road and 2139 Sykesville Road
Westminster, MD 21157

Figure 4



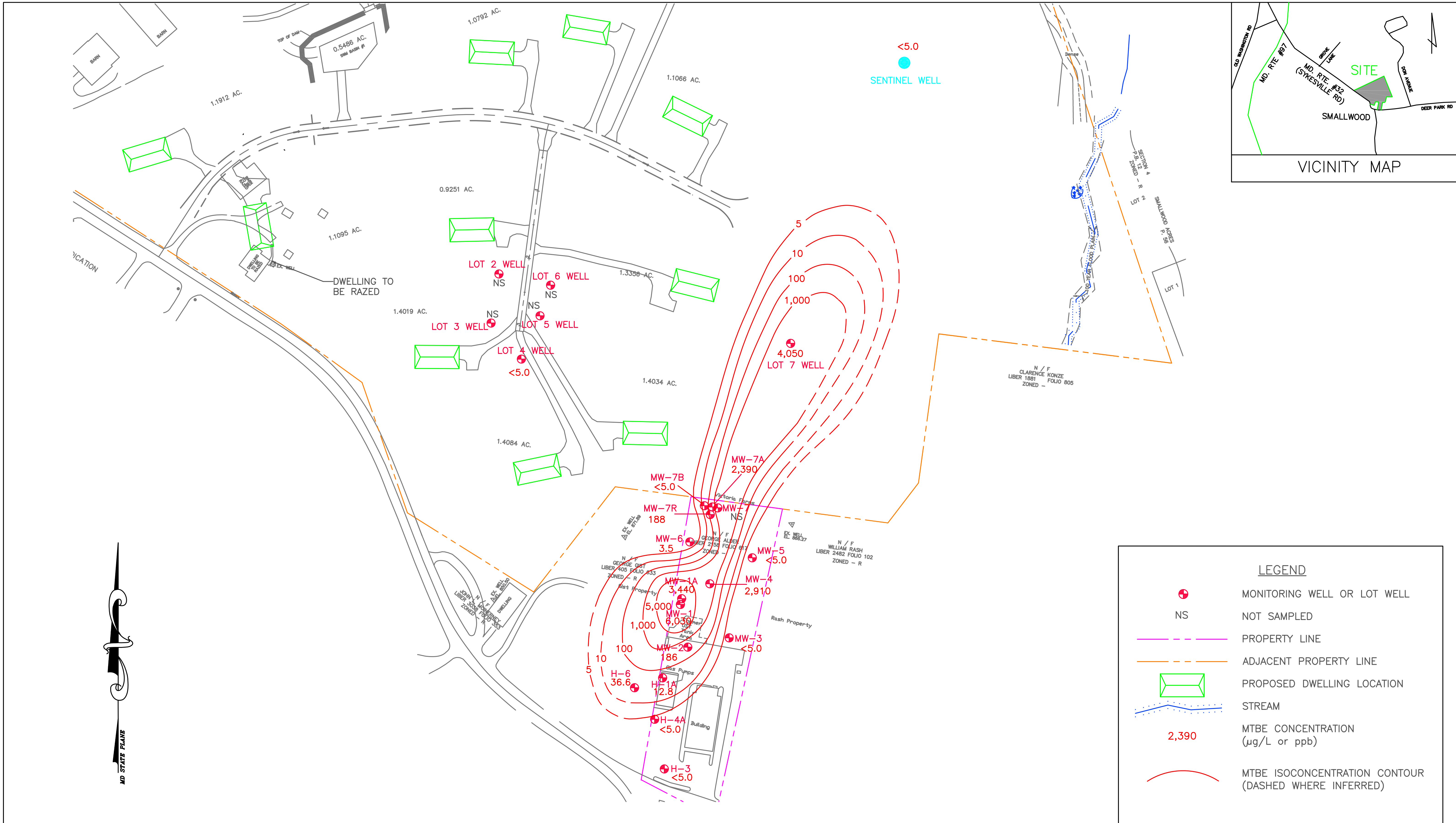
Drawn By:	Date:
MS & LB	05/25/12
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 100'	

CGS Chesapeake GeoSciences, Inc.
5405 Twin Knolls Road, Suite 1
Columbia, Md 21045
Phone (410) 740-1911
Fax (410) 740-3299

MTBE ISOCONCENTRATION MAP - APRIL 24-27, 2012

602 Deer Park Road and 2139 Sykesville Road
Westminster, MD 21157

Figure 4



Drawn By:	Date:
MS & LB	07/15/13
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 130'	

CGS Chesapeake GeoSciences, Inc.
5405 Twin Knolls Road, Suite 1
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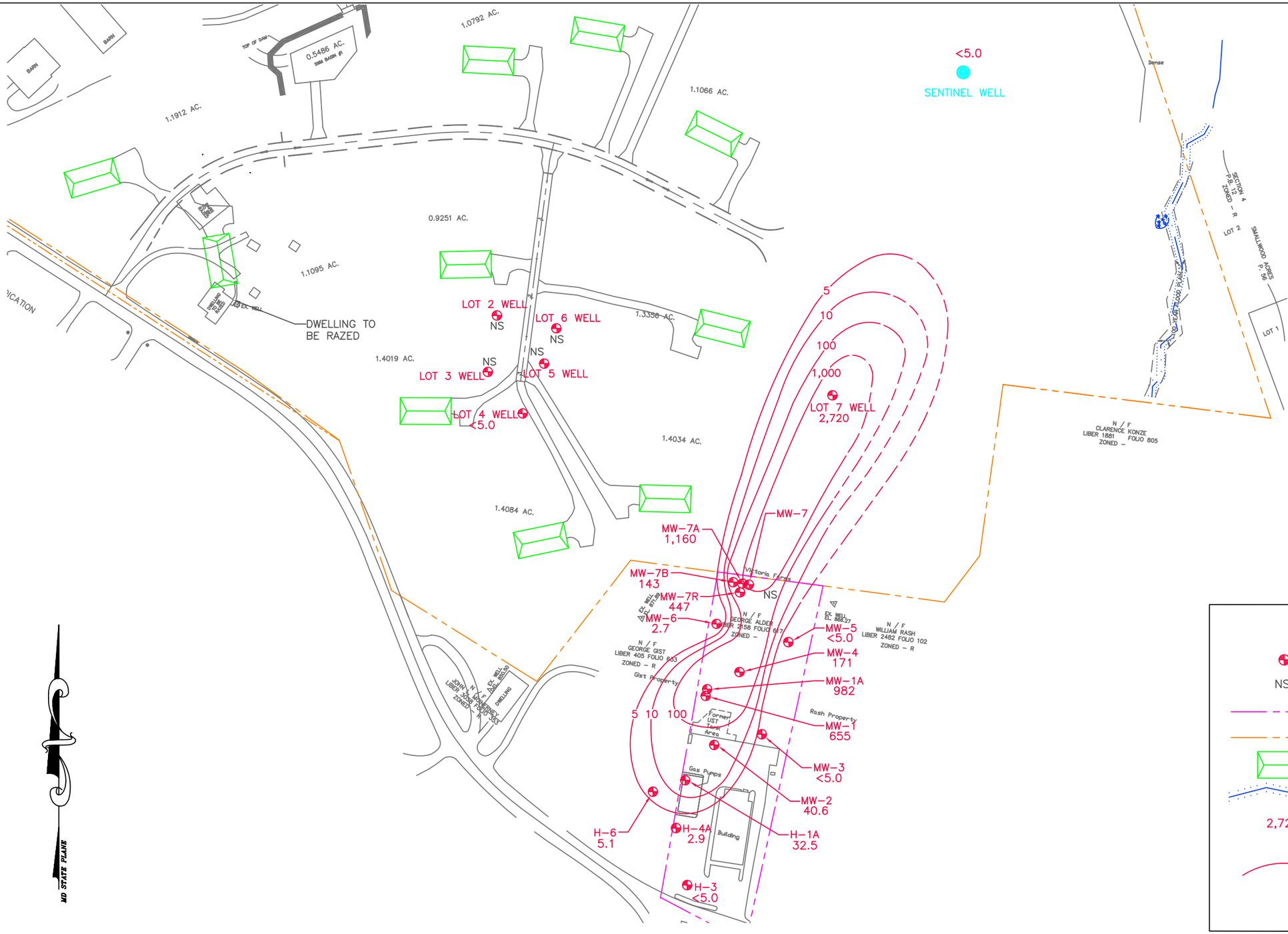
MTBE ISOCONCENTRATION MAP - JUNE 2013
602 Deer Park Road and 2139 Sykesville Road
Westminster, MD 21157

Figure 4



Drawn By:	Date:
MRW	09/14/15
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 130'	

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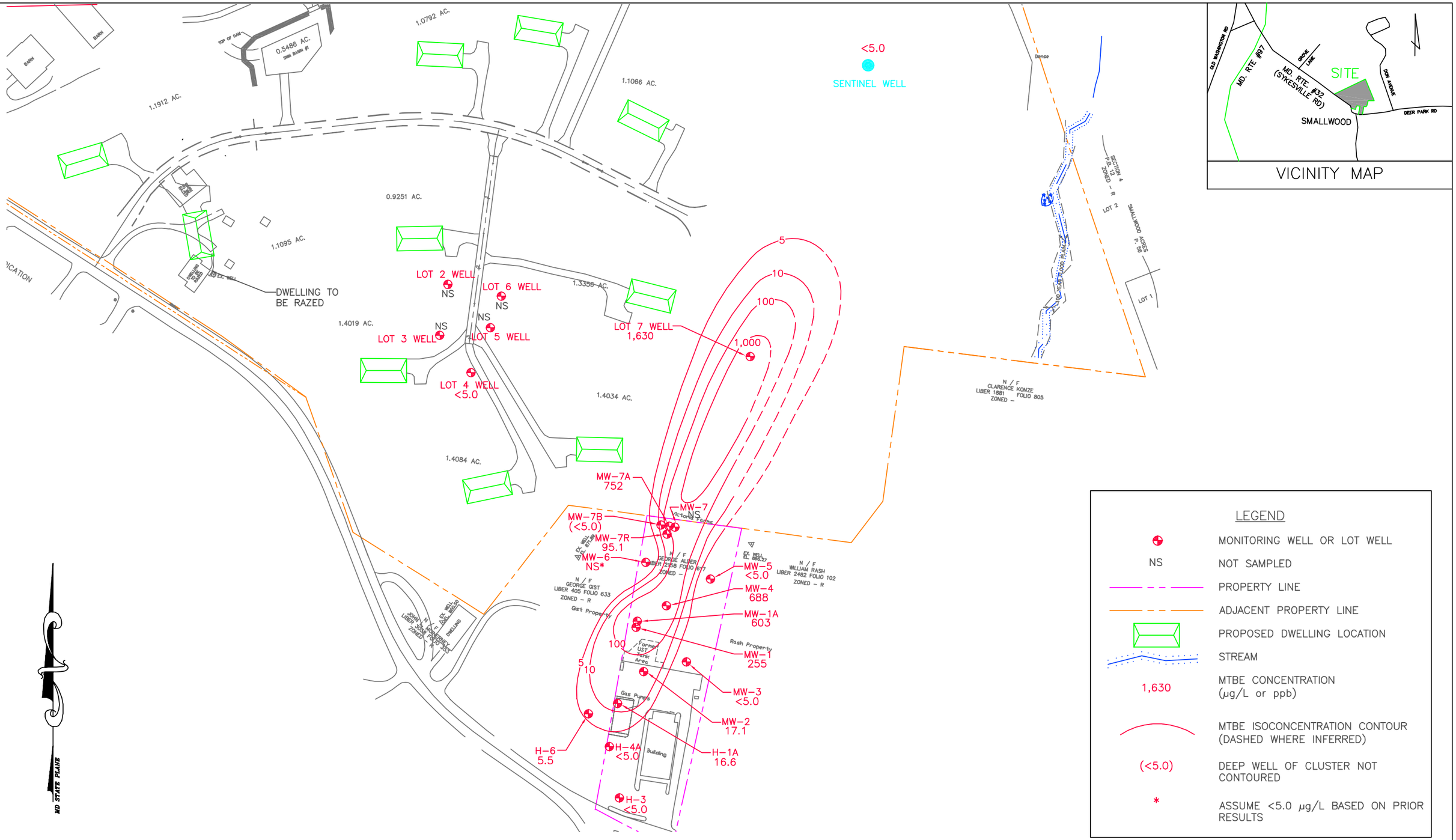
MTBE ISOCONCENTRATION MAP - AUGUST 2015
602 Deer Park Road and 2139 Sykesville Road
Westminster, MD 21157

Figure 4-1



Drawn By:	Date:
MRW	01/13/16
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 130'	

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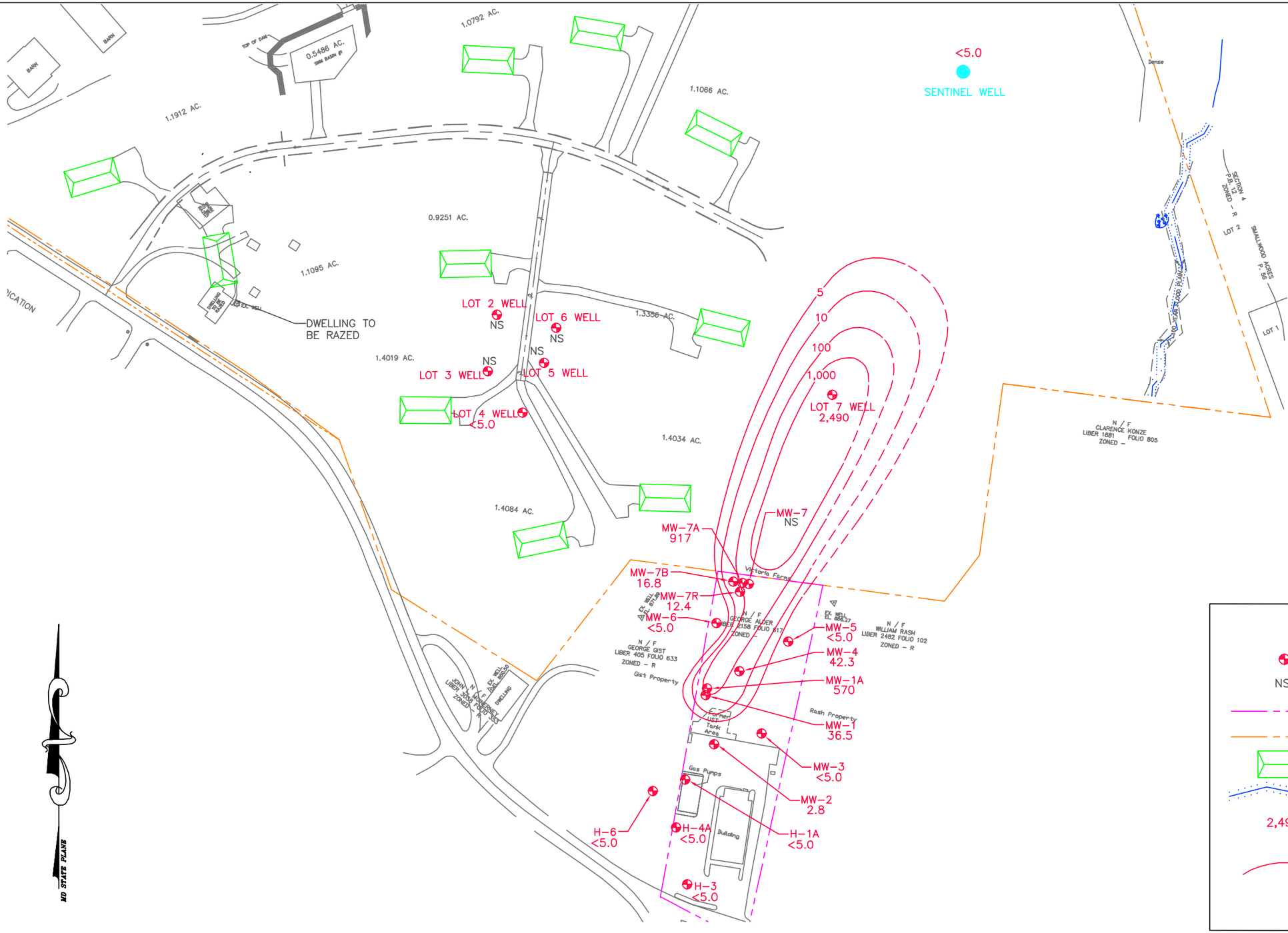
MTBE ISOCONCENTRATION MAP - NOVEMBER 2015
602 Deer Park Road and 2139 Sykesville Road
Westminster, MD 21157

Figure 4-2



Drawn By:	Date:
MRW	04/13/2016
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 130'	

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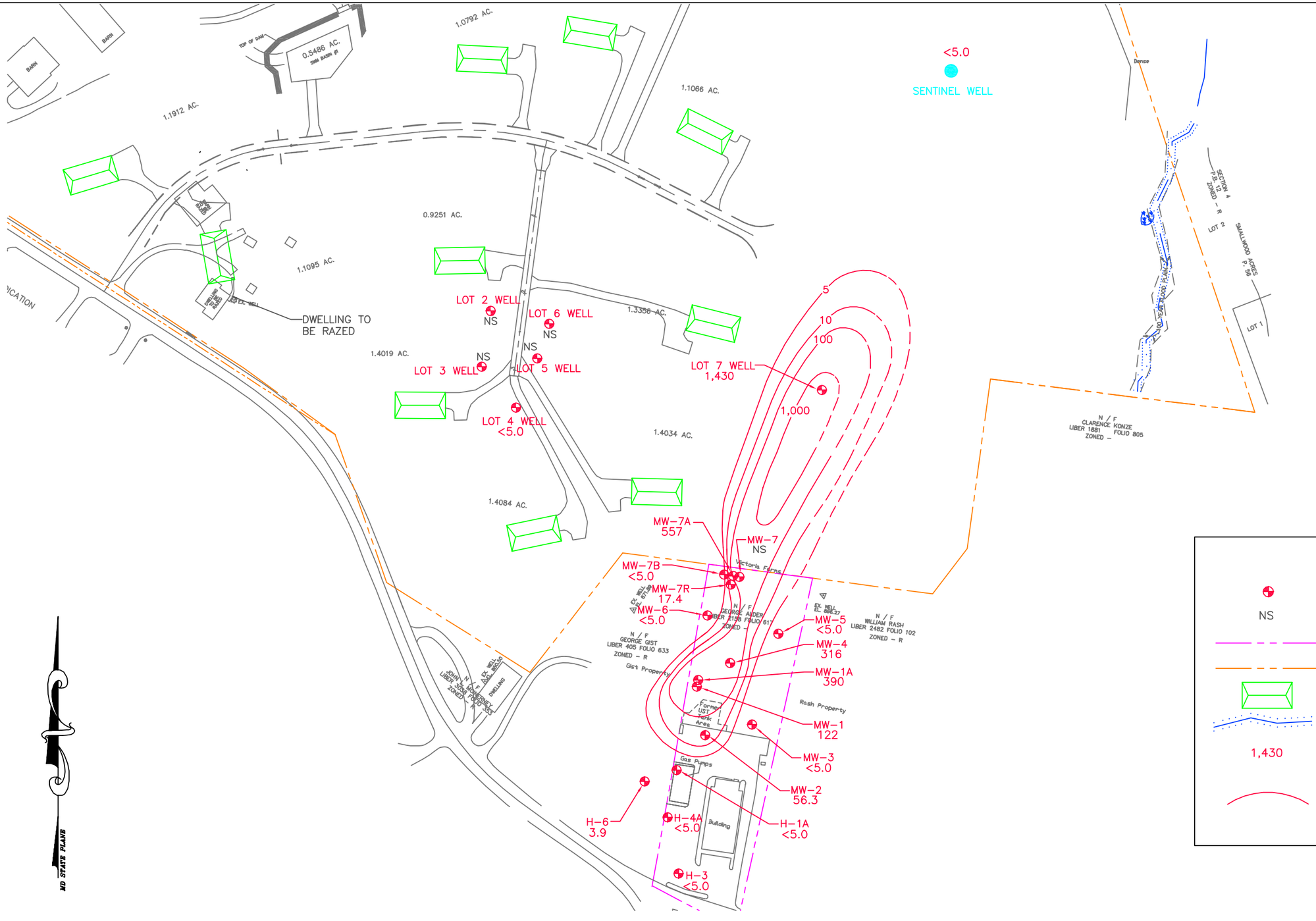
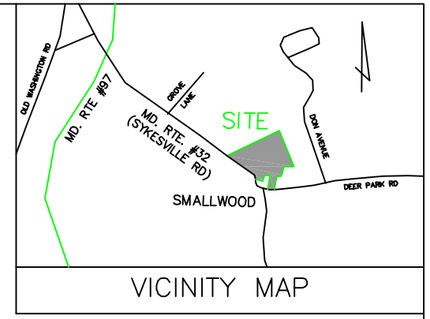
MTBE ISOCONCENTRATION MAP - FEBRUARY 2016
602 Deer Park Road and 2139 Sykesville Road
Westminster, MD 21157

Figure 4-3





VICINITY MAP

LEGEND

- MONITORING WELL OR LOT WELL
- NS — NOT SAMPLED
- PROPERTY LINE
- ADJACENT PROPERTY LINE
- PROPOSED DWELLING LOCATION
- STREAM
- 1,430 — MTBE CONCENTRATION (µg/L or ppb)
- MTBE ISOCONCENTRATION CONTOUR (DASHED WHERE INFERRED)

MD STATE PLANE

Drawn By:	Date:
MRW	07/15/2016
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 130'	

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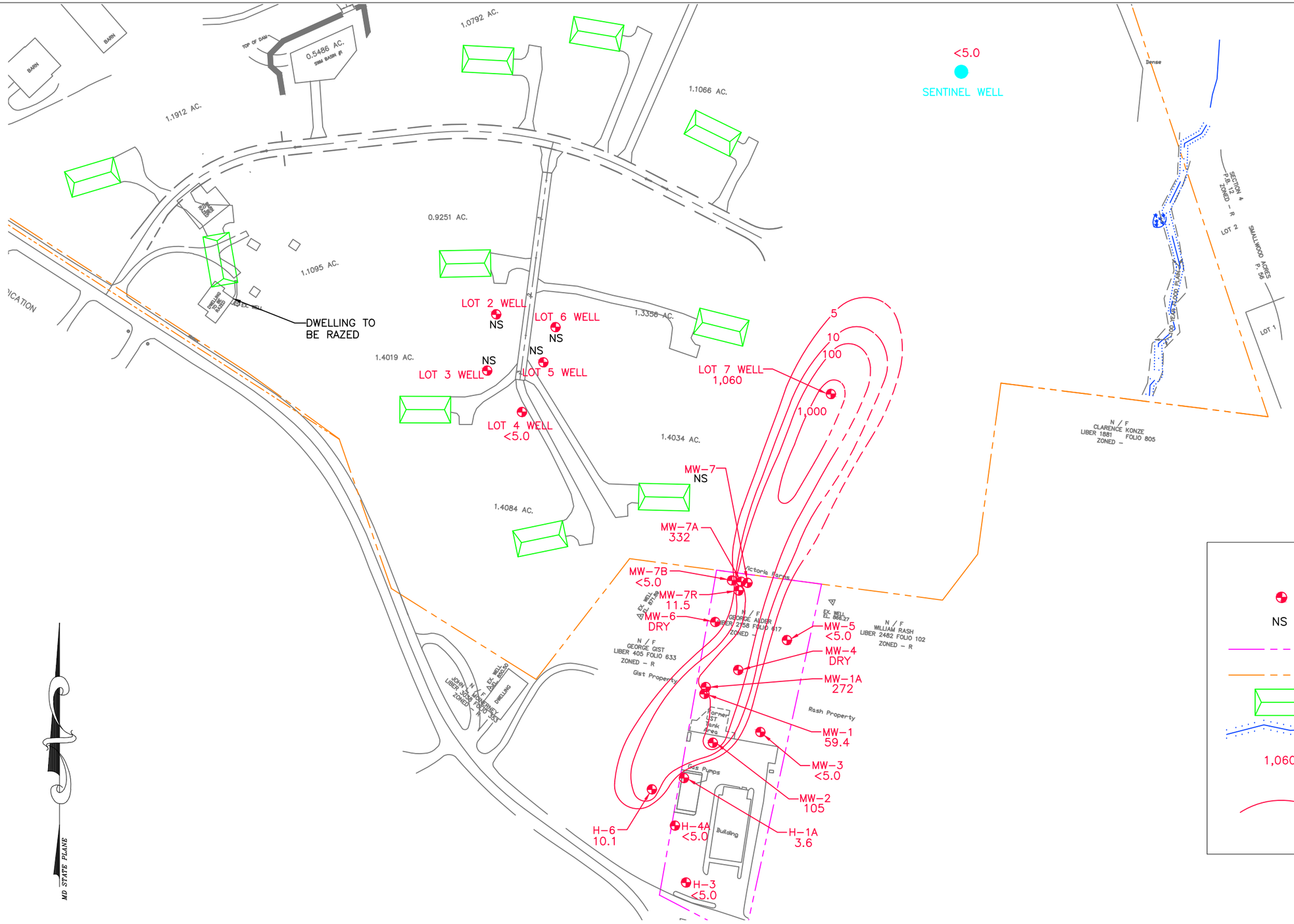
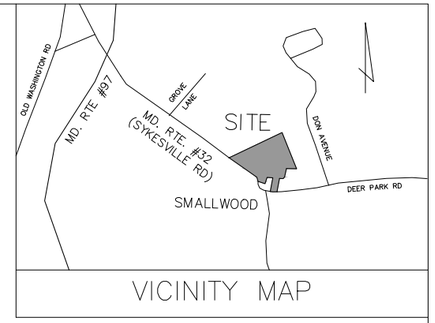
MTBE ISOCONCENTRATION MAP - JUNE 2016
602 Deer Park Road and 2139 Sykesville Road
Westminster, MD 21157

Figure 4-4





LEGEND

- MONITORING WELL OR LOT WELL
- NS — NOT SAMPLED
- PROPERTY LINE
- ADJACENT PROPERTY LINE
- PROPOSED DWELLING LOCATION
- STREAM
- 1,060 — MTBE CONCENTRATION (µg/L or ppb)
- MTBE ISOCONCENTRATION CONTOUR (DASHED WHERE INFERRED)

Drawn By:	Date:
MRW	12/20/2017
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 130'	

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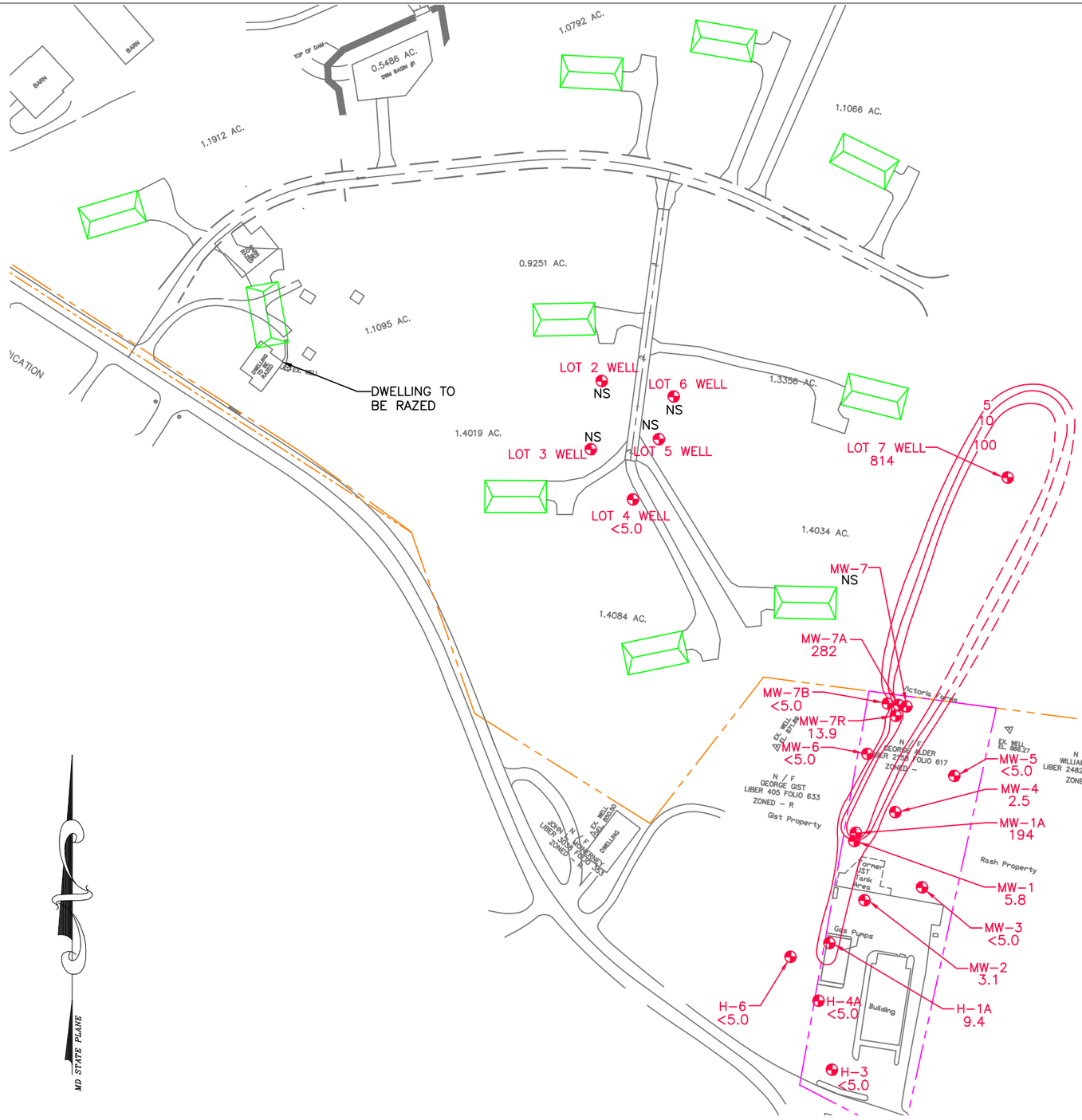
MTBE ISOCONCENTRATION MAP - NOVEMBER 2017
602 Deer Park Road and 2139 Sykesville Road
Westminster, MD 21157

Figure 4



Drawn By:	Date:
MRW	04/20/2018
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 130'	

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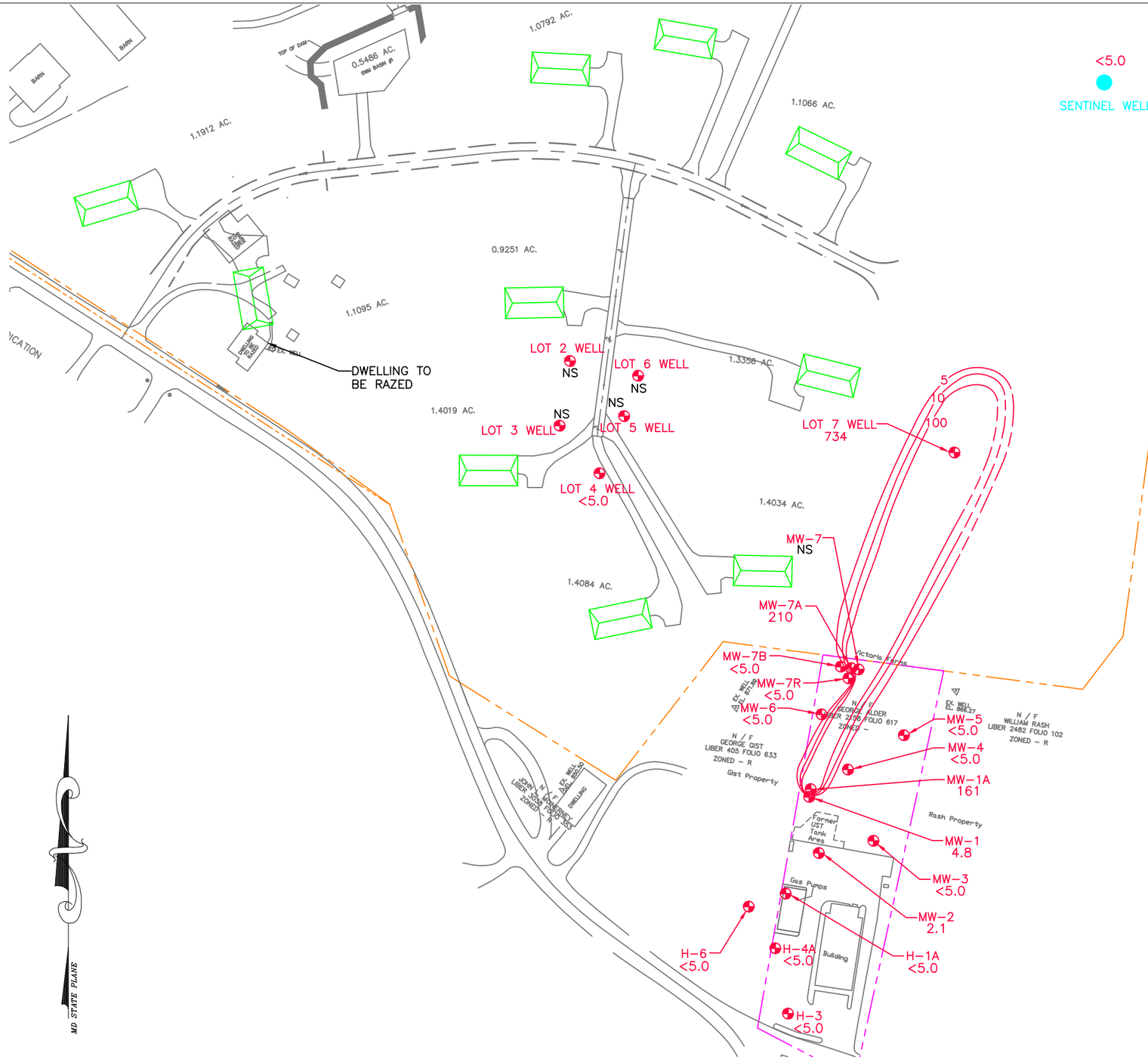
MTBE ISOCONCENTRATION MAP - MARCH 2018
602 Deer Park Road and 2139 Sykesville Road
Westminster, MD 21157

Figure 4



Drawn By:	Date:
MRW	07/30/2018
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 130'	

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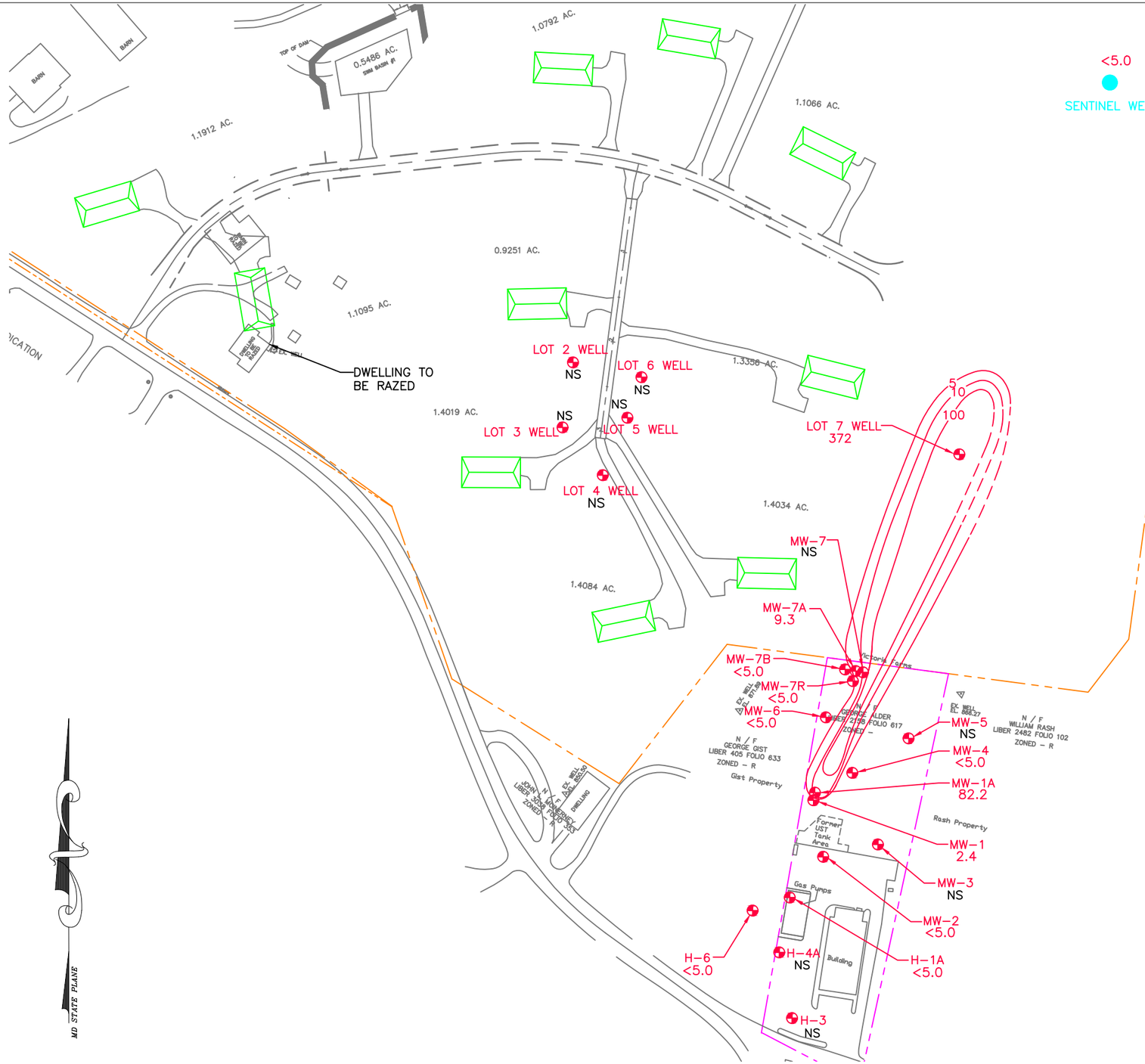
MTBE ISOCONCENTRATION MAP - JUNE 2018
602 Deer Park Road and 2139 Sykesville Road
Westminster, MD 21157

Figure 4



Drawn By:	Date:
MRW	12/18/2018
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 130'	

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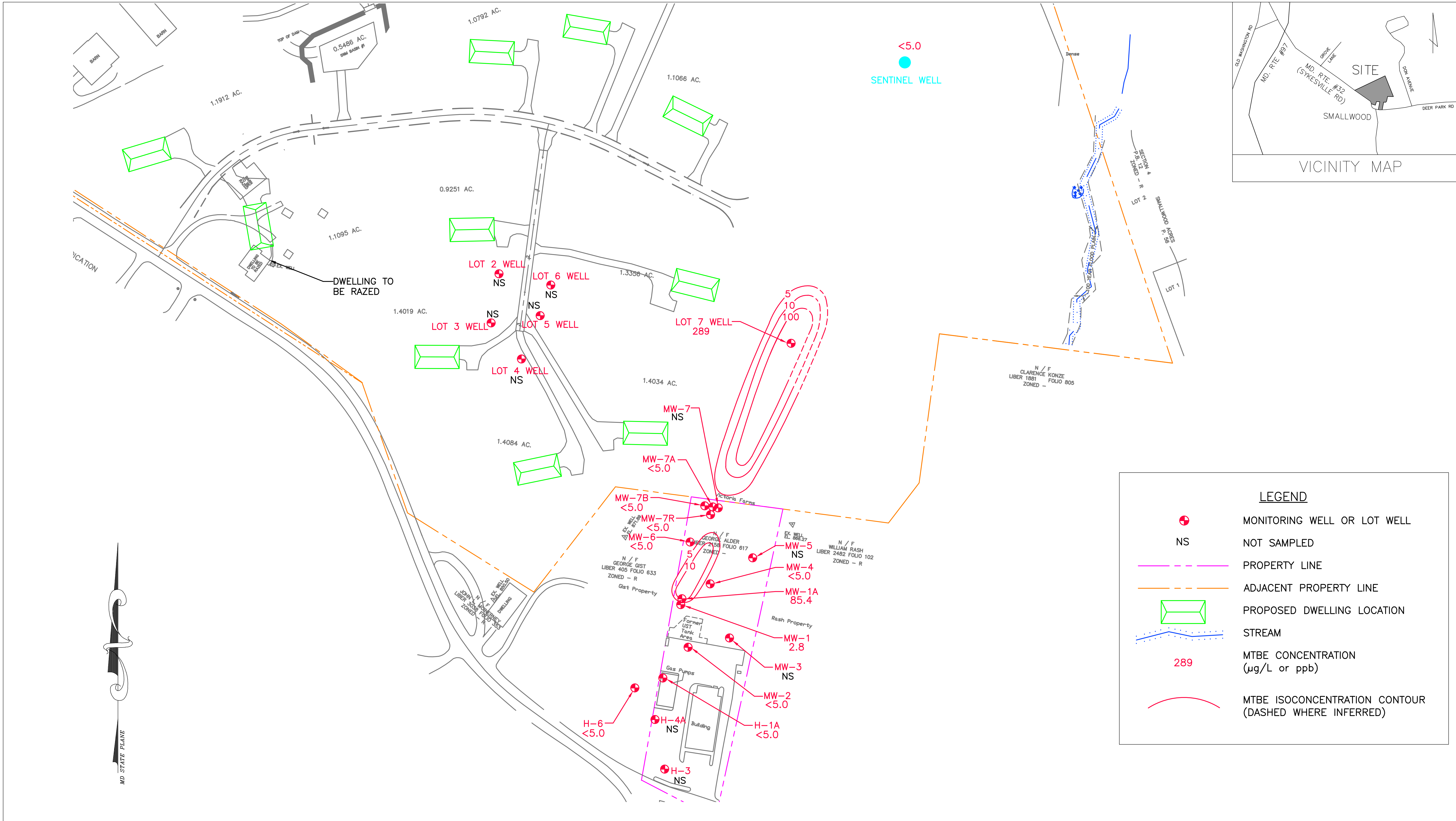
MTBE ISOCONCENTRATION MAP - DECEMBER 2018
602 Deer Park Road and 2139 Sykesville Road
Westminster, MD 21157

Figure 4



Drawn By:	Date:
MRW	06/26/2019
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 130'	

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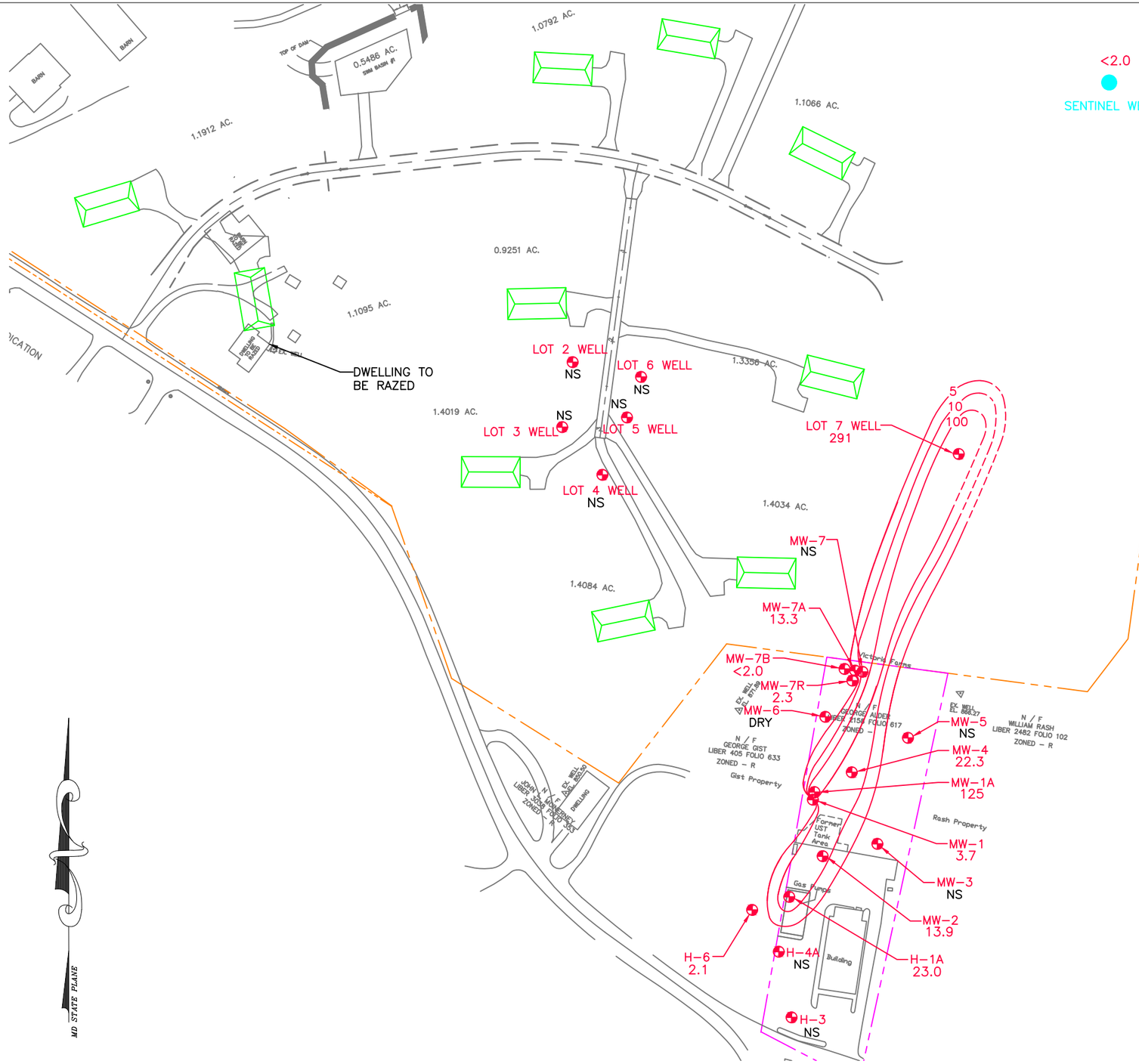
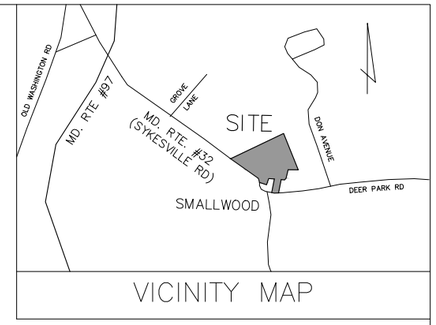
MTBE ISOCONCENTRATION MAP - JUNE 2019
602 Deer Park Road and 2139 Sykesville Road
Westminster, MD 21157

Figure 4





VICINITY MAP

LEGEND

- MONITORING WELL OR LOT WELL
- NS — NOT SAMPLED
- PROPERTY LINE
- ADJACENT PROPERTY LINE
- PROPOSED DWELLING LOCATION
- STREAM
- 291 — MTBE CONCENTRATION (µg/L or ppb)
- MTBE ISOCONCENTRATION CONTOUR (DASHED WHERE INFERRED)

Drawn By:	Date:
MRW	12/19/2019
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 130'	

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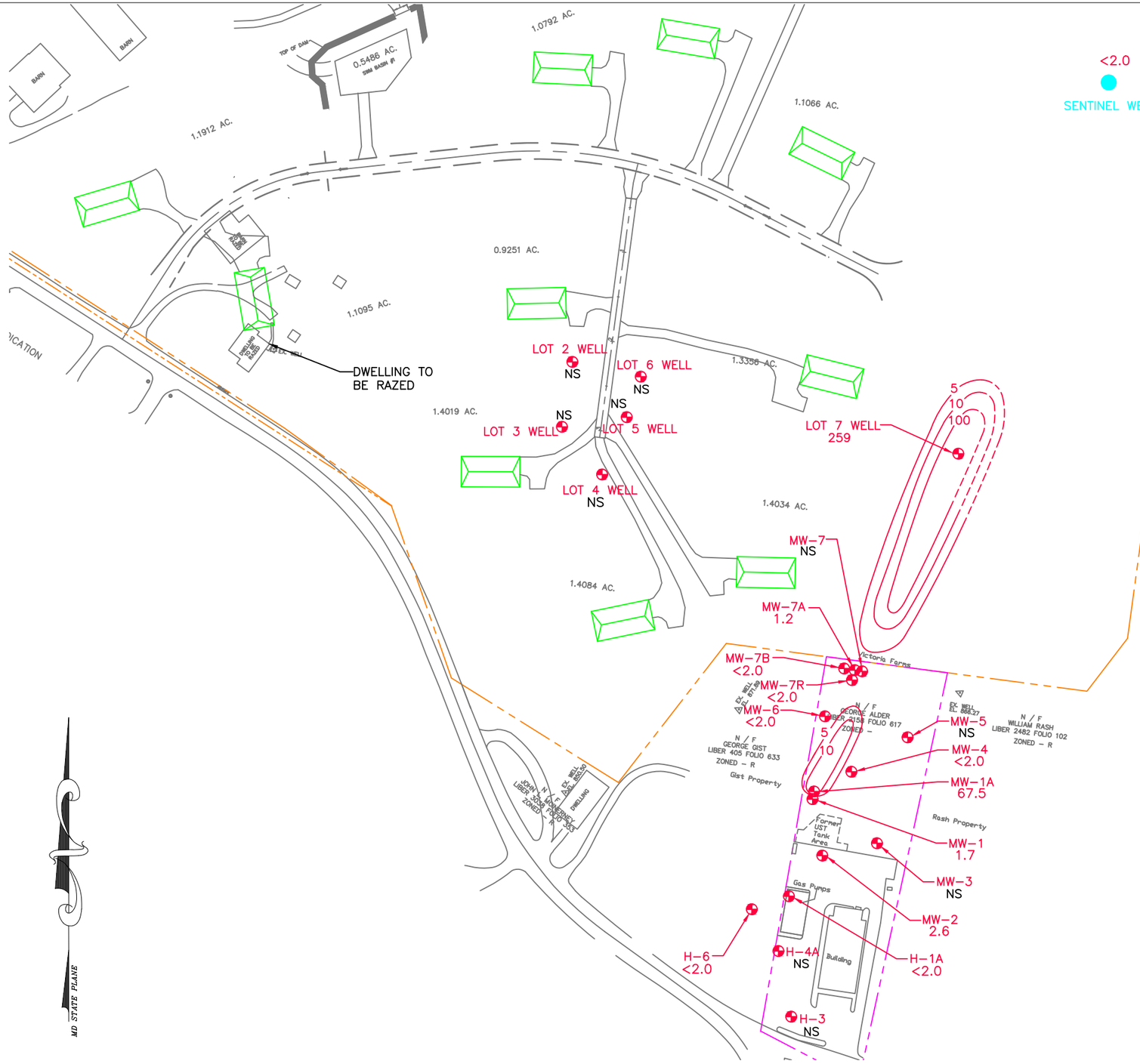
MTBE ISOCONCENTRATION MAP - NOVEMBER 2019
602 Deer Park Road and 2139 Sykesville Road
Westminster, MD 21157

Figure 4



Drawn By:	Date:
MRW	06/04/2020
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 130'	

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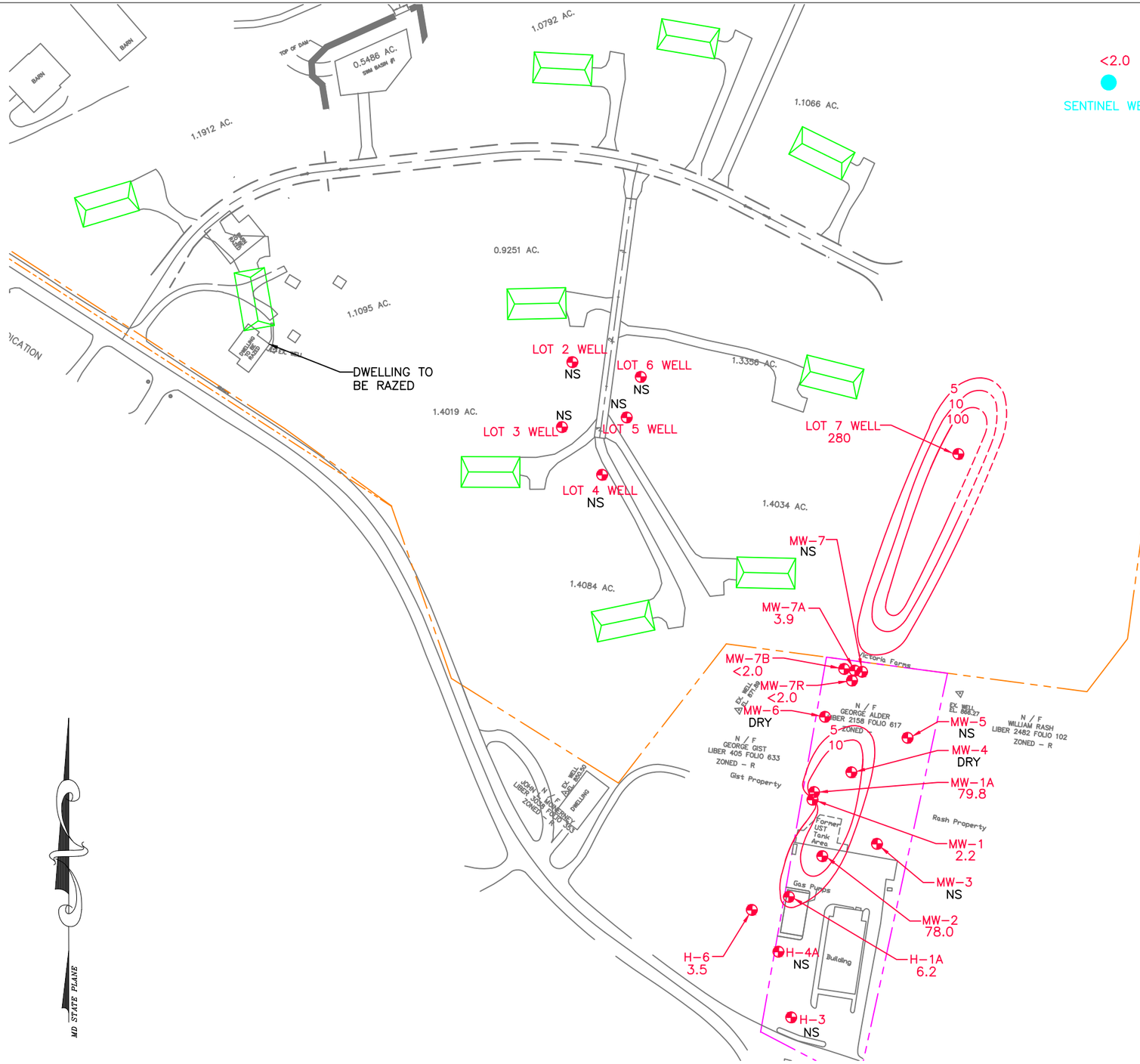
MTBE ISOCONCENTRATION MAP - MAY 2020
602 Deer Park Road and 2139 Sykesville Road
Westminster, MD 21157

Figure 4



Drawn By:	Date:
MRW	12/08/2020
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 130'	

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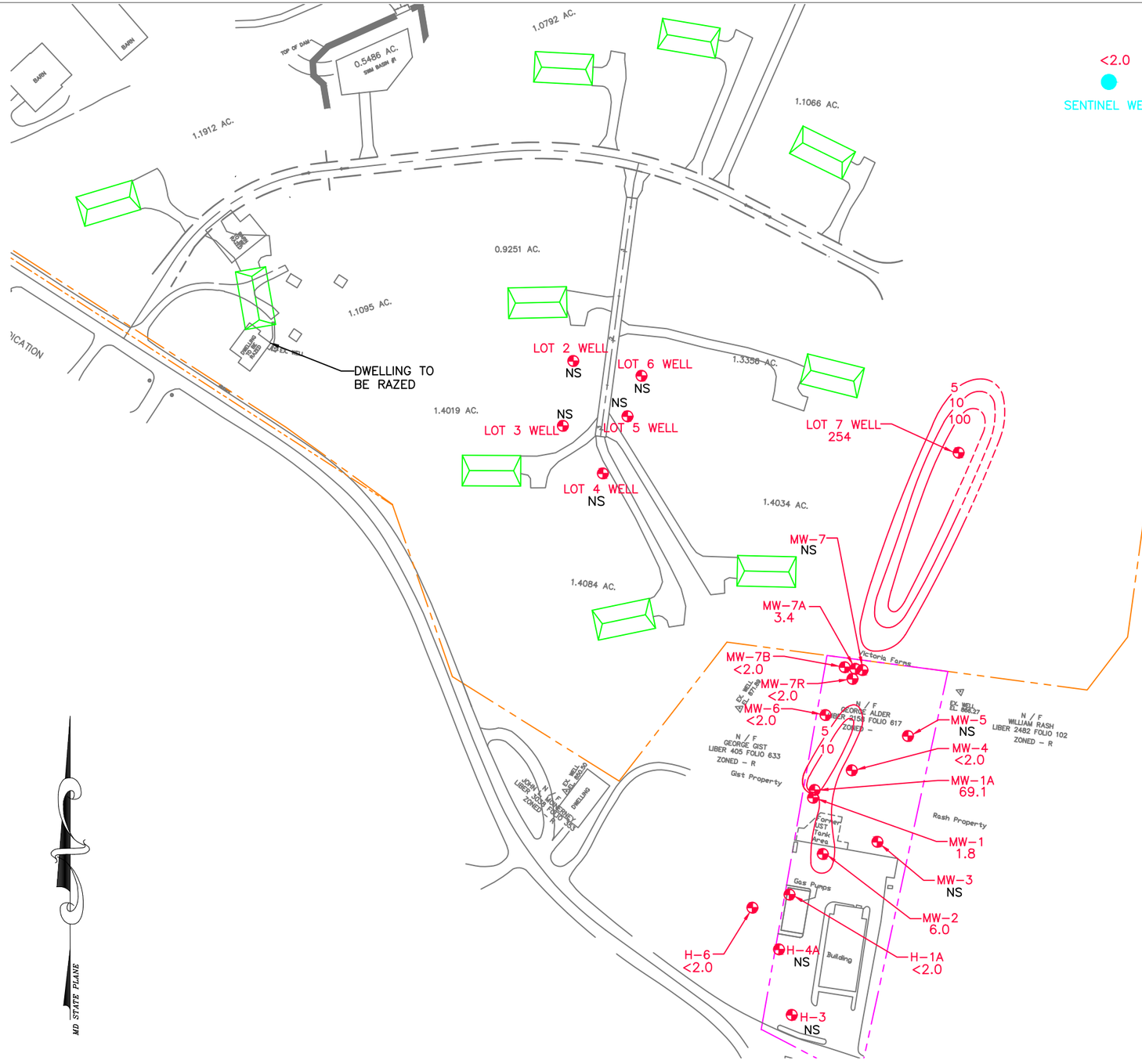
MTBE ISOCONCENTRATION MAP - NOVEMBER 2020
602 Deer Park Road and 2139 Sykesville Road
Westminster, MD 21157

Figure 4



Drawn By:	Date:
MRW	06/06/2021
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 130'	

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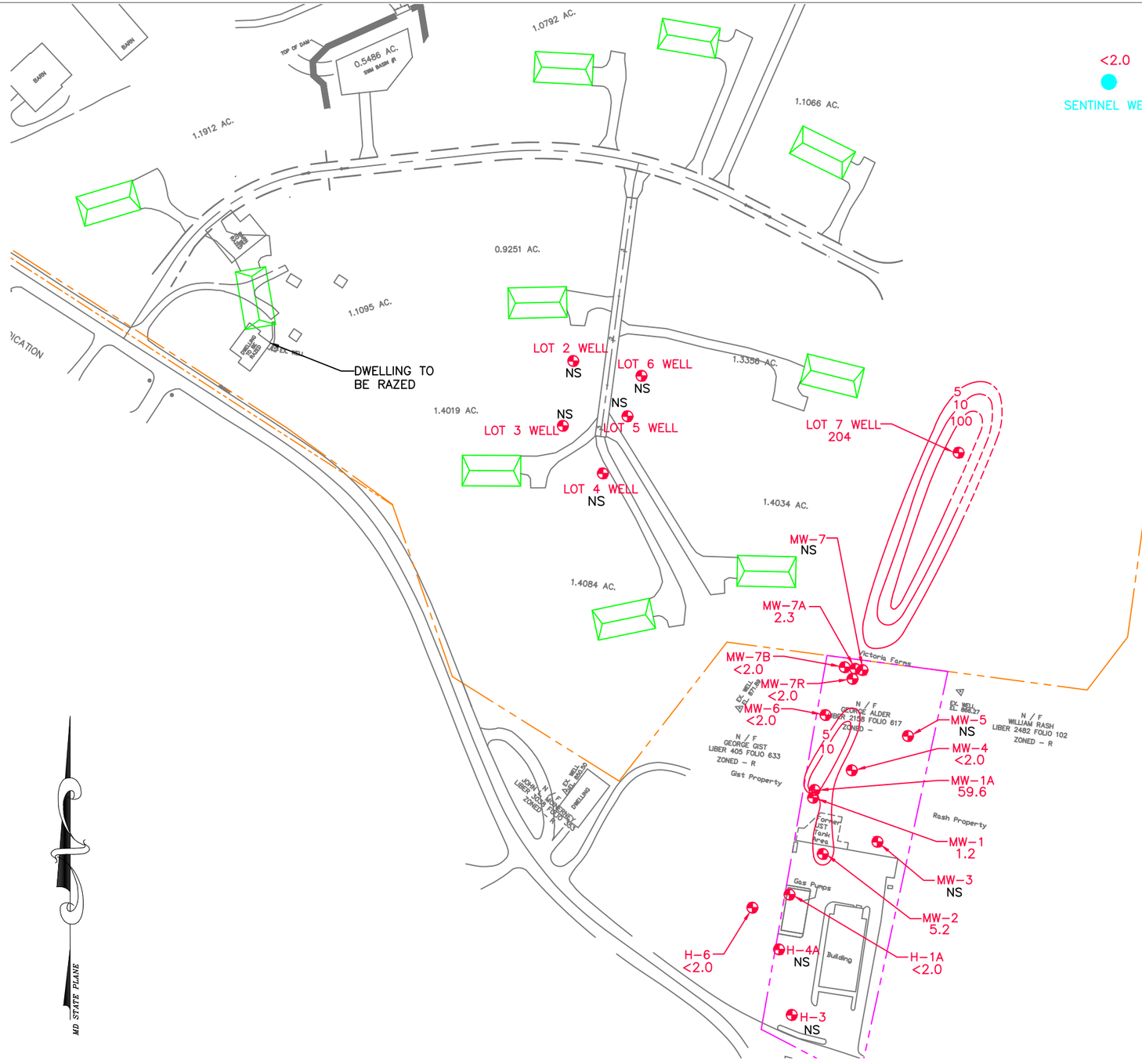
MTBE ISOCONCENTRATION MAP - JUNE, 2021
602 Deer Park Road and 2139 Sykesville Road
Westminster, MD 21157

Figure 4



Drawn By:	Date:
MRW	01/14/2022
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 130'	

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MTBE ISOCONCENTRATION MAP - DECEMBER 2021
602 Deer Park Road and 2139 Sykesville Road
Westminster, MD 21157

Figure 4