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August 8, 2018

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

RE: **June 2018 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 2018 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**).

Consistent with the methodology of the March 2018 Sampling Event and email correspondence received from Mr. Andrew Miller, Chief of the Remediation Division at the Maryland Department of the Environment, Oil Control Program (MDE-OCP) on March 19, 2018, the June 2018 Sampling Event included analysis of volatile organic compounds (VOCs) only and did not include analysis of monitored natural attenuation (MNA) parameters as had been collected between the August 2015 and November 2017 sampling events.

1.0 FIELD INVESTIGATION - METHODOLOGY AND FIELD OBSERVATIONS

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**.

1.1 Monitoring Well Sampling

CGS gauged and sampled the monitoring wells on June 18 through June 22, 2018. The wells were gauged prior to sampling to determine the depth to groundwater using an electronic interface probe. Well gauging data are presented in **Table 1**.

The wells were purged before samples were collected using one of two methods. Wells that produce sufficient water (i.e., all wells with the exception of MW-4 and MW-6) were purged according to low-flow methodology using a Grundfos 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, turbidity, and temperature. These field parameters were measured with a water quality meter using a flow-through cell. Samples were then collected from the submersible pump discharge stream. All down-well equipment and supplies were decontaminated prior to use in each well.

Because they produce insufficient yield for low-flow purging/sampling, MW-4 and MW-6 were purged to dryness twice using disposable bailers prior to sample collection which was then performed using a new disposable bailer. Field parameters were not measured for the wells that were purged/sampled via bailer.

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 field 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. The groundwater and QA/QC samples were analyzed for 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 Drinking Water Sampling

Drinking water samples were collected from the Site's drinking water supply well and from private drinking water supply wells at 2173 Sykesville Road and 2040 Don Avenue. A GAC treatment system is present at the residence at 2173 Sykesville Road. Pre-, mid-, and post treatment water samples were collected at this location. A GAC treatment system had been present in the on-site building but was removed at some point after August 2015 when this building was renovated.

CGS collected drinking water samples on June 19 and 20, 2018 at the locations specified below in **Table A**. Water was purged from the lines, pressure tank, and GAC unit (where applicable) by allowing the water to run for at least 20 minutes before collecting the samples.

Table A
Drinking Water Sampling Event Locations

602 Deer Park Road (On-Site)	2173 Sykesville Road (Off-Site Residence)	2040 Don Avenue (Off-Site Residence)
Interior sink	Pre-, mid-, and post-GAC.	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 18, 2018 were higher than those recorded on March 19, 2018, and still higher than those recorded on November 13, 2017. Groundwater levels recorded on June 18, 2018 ranged from 6.73 to 21.44 feet higher than the levels recorded on November 13, 2017. The highest increased groundwater levels (ranging from 20.55 feet to 21.44 feet) were measured in H-1A, MW-1A, H-6, MW-1, and MW-2. Groundwater levels also increased in MW-4 and MW-6 which were dry in November 2017. All of these wells are located in the central-western portion of the Property and west of that area. The relatively higher groundwater levels in this area of the Site resulted in a lower hydraulic gradient than is typically recorded in the central portion of the Property. The pattern of groundwater levels recorded on June 18, 2018 is similar to the pattern of groundwater levels recorded on February 22, 2016. The overall higher groundwater levels appear to reflect recharge from higher than average levels of precipitation. The highest increased groundwater levels, measured in the central-western portion of the Property and west of that area, appear to reflect enhanced recharge associated with the bedrock fracture zone. This enhanced recharge resulted in a groundwater flow direction in the central portion of the Property that is more westerly than has been historically observed in this area.

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 drinking water 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

Seventeen (17) wells were sampled during the June 2018 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. One or more of these analytes was/were detected in the samples obtained from five of the 17 wells. No other VOCs were detected in the groundwater samples. No petroleum related VOCs were detected in the groundwater samples obtained from monitoring wells H-1A, H-3, H-4A, H-6, MW-3, MW-4, MW-5, MW-6, MW-7B, MW-7R, the Lot 4 Well, and the Sentinel Well. No VOCs were detected in the field blank (FB) or trip blank (TB).

MTBE was detected in the groundwater samples from five wells (i.e., MW-1, MW-1A, MW-2, MW-7A, and the Lot 7 Well) at concentrations ranging from 2.1 to 734 µg/L. Three of these wells (MW-1A, MW-7A, 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 (734 µg/L). MW-7A and MW-1A had MTBE concentrations of 210 µg/L and 161 µg/L, respectively.

The highest TAME and TBA concentrations were also detected in the Lot 7 Well. **Figure 4** is an isoconcentration map generated from the groundwater monitoring well MTBE analytical data.

2.2.2 Drinking Water Sampling Results

The analytical results for the detected analytes in the June 2018 drinking water samples are presented in **Table 3**.

MTBE was detected in the sample collected from the Site (0.86 µg/L) and from 2040 Don Avenue (0.77 µg/L) at concentrations below the MDE Groundwater Standard (20 µg/L). 1,2,4-Trimethylbenzene and m- & p-xylenes were detected in the mid-GAC sample collected from 2173 Sykesville Road. No other VOCs were detected in this sample and no VOCs were detected in the pre- or post-GAC samples collected from 2173 Sykesville Road.

2.2.3 GAC Treatment Sampling Results

The analytical results for the water treatment system sample are contained in the laboratory report generated from samples collected on June 20 (i.e., the second of two laboratory reports included in **Attachment B**). VOCs and TPH-GRO were not detected in the post treatment (GAC-EFF) water sample collected during well sampling activities. These results document that the GAC filtration system was effective in removing petroleum contaminants before discharging the treated purge water.

3.0 DISCUSSION OF RESULTS

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.

3.1 Groundwater Sample Analytical Data Evaluation

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 in Section 2.2.1, an isoconcentration map generated from the June 2018 MTBE analytical data is presented in **Figure 4**. Isoconcentration maps generated from the MTBE analytical data collected between

September 2008 and March 2018, 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. The highest MTBE concentrations were present in six of these seven wells and one additional well (MW-2) during the June 2016 sampling event (in the following order: the Lot 7 Well, MW-7A, MW-1A, MW-4, MW-1, MW-2, and MW-7R), in five of these seven wells and in MW-2 during the November 2017 sampling event (in the following order: the Lot 7 Well, MW-7A, MW-1A, MW-2, MW-1, and MW-7R), in six of these seven wells, H-1A, and MW-2 during the March 2018 sampling event (in the following order: the Lot 7 Well, MW-7A, MW-1A, MW-7R, H-1A, MW-1, MW-2, and MW-4), and in four of these seven wells, and MW-2 during the June 2018 sampling event (in the following order: the Lot 7 Well, MW-7A, MW-1A, MW-1, and MW-2). MTBE has not been detected in MW-7B since the February 2016 sampling event. MTBE was not detected in MW-4 or MW-7R during the June 2018 sampling event.

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 2018 concentrations range from non-detect to only 2.8% of the peak concentrations.
- The MTBE concentration in one of these wells (the Lot 7 Well) has demonstrated a marked decrease where the June 2018 concentration is 9.8% of the peak concentration.

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

- MTBE concentrations in these four wells (MW-2, H-1A, H-6, and MW-6) have demonstrated a drastic decrease where the June 2018 concentrations range from non-detect to only 0.16% of the peak concentrations.

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

- MTBE concentrations in these four wells (H-4A, H-3, MW-3, and MW-5) have decreased below the MTBE MRL (5 µg/L) as well as below the MTBE MDL (2 µg/L) for EPA Method 8260.

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 2018 MTBE Concentration (µg/L)	% Remaining (June 2018 Concentration/Peak Concentration)
MW-1	25,400	9/2008	4.8 J	0.02%
MW-1A	14,100	9/2008	161	1.1%
MW-4	9,460	9/2008	Non-detect	-
MW-7A	7,510	9/2008	210	2.8%
Lot 7 Well	7,510	12/2009	734	9.8%
MW-7B	3,910	12/2009	Non-detect	-
MW-7R	2,990	4/2010	Non-detect	-
MW-2	1,350	9/2008	2.1 J	0.16%
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	Non-detect	-
H-3	3.9	9/2008	Non-detect	-
MW-3	0.7	9/2008	Non-detect	-
MW-5	0.6	9/2008	Non-detect	-
Lot 4 Well	Non-detect	-	Non-detect	-
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 the EPA Method 8260 MTBE MRL (5 µg/L) has significantly decreased since September 2008.

The rate of MTBE concentration decrease has occurred more rapidly in the wells on the Property (MW-1, MW-1A, MW-4, MW-7A, MW-7B, MW-7R, MW-2, H-1A, H-6, and MW-6 where the % remaining ranges from non-detect to 2.8%) and somewhat less rapidly in the well on the Adjacent Property (the Lot 7 Well where the % remaining is 9.8%). This variation is depicted upon comparison of the isoconcentration maps prepared using the data collected between June 2013 and June 2018 (**Attachment C, pages 5 through 11 and Figure 4**). All of these maps were prepared using a consistently scaled base map and consistent isoconcentration contour intervals. As depicted on these maps, the lateral extent of the MTBE groundwater contamination plume on the Property has significantly decreased between June 2013 and June 2018; whereas the lateral extent of the MTBE groundwater contamination plume on the Adjacent Property has decreased to a lesser but still notable degree since June 2013.

3.2 Drinking Water Sample Analytical Data Evaluation

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

MTBE was detected in the non-treated sink samples collected from the Site on June 19, 2018 (0.86 µg/L) (**Table 3**) and on November 15, 2017 (0.84 µg/L). 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. The June 2018 and November 2017 MTBE concentrations are lower than the August 2015 concentration. All of the detected concentrations are below the MDE Groundwater Standard for MTBE (20 µg/L).

2173 Sykesville Road (Off-Site Residence)

MTBE was not detected in the pre-, mid-, or post-GAC samples collected from 2173 Sykesville Road during the June 2018 sampling event or any of the sampling events performed in 2015, 2016, or 2017.

2040 Don Avenue (Off-Site Residence)

Table C 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 C**, 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 3**, MTBE was detected in the sample collected from 2040 Don Avenue at a concentration of 0.77 µg/L. As shown in **Table C**, this concentration represents a slight increase from the previously stabilized level, but continues to be well below the MDE Groundwater Standard (20 µg/L).

Table C
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	
6/20/18	**0.77**	**0.77**	0.50	

* 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.

3.3 Analytical 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. The data presented above in Section 3.1 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 and on the remainder of the Property. Remediation by natural attenuation is also occurring down-gradient of the Property, as demonstrated by the 90.2% reduction in the MTBE concentration in the Lot 7 Well, but at a less rapid rate than that occurring on the Property.

MTBE Concentrations Trend

As shown in **Table 4,** illustrated in **Figure 5,** and discussed above in Section 3.1, the MTBE concentrations have decreased dramatically since 2008. The MTBE concentrations in the wells located inside of the plume have continued to decrease or were stable since the last sampling event performed in March 2018.

4.0 CONCLUSIONS

CGS has performed a groundwater sampling event at the George's Deli & Gas Site near Westminster, Maryland. Based on the results of the June 2018 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. Higher than typical groundwater elevation levels were recorded at the Site during the June 2018 sampling event. The overall higher groundwater levels appear to reflect recharge from higher than average levels of precipitation. The highest increased groundwater levels, measured in the central-western portion of the Property and west of that area, appear to reflect enhanced recharge associated with the bedrock

fracture zone. This enhanced recharge resulted in a lower hydraulic gradient than is typically recorded in the central portion of the Property and a groundwater flow direction in the central portion of the Property that is more westerly than has been historically observed in this area.

- MTBE, the primary COC at the Site, was detected at concentrations exceeding its MDE Groundwater Standard in three of the 17 sampled monitoring wells during the June 2018 sampling event.
- A review of the historic 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 substantial reductions since their peak concentrations were detected between September 2008 and May 2010. The rate of MTBE concentration decrease has occurred more rapidly in the wells on the Property and somewhat less rapidly in the Lot 7 Well which is located on the Adjacent Property portion of the Site.
    - The lateral extent of the MTBE groundwater contamination plume, at concentrations above the EPA Method 8260 MTBE MRL (5 μg/L), on the Property has significantly decreased since the peak concentrations were detected. The lateral extent of the MTBE groundwater contamination plume on the Adjacent Property has decreased to a lesser but still notable degree.
    - 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).

5.0 RECOMMENDATIONS

Based on the results of the 2015 and 2016 quarterly sampling events and the most recent November 2017, March 2018, and June 2018 sampling events which document that remediation by natural attenuation is occurring at the Site, CGS recommends that Country Side Trust request approval from MDE to modify the scope of work for future groundwater sampling events at the Site. The following is a listing of the recommended modifications and the justification for each recommendation.

- Reduce the number of wells selected for sampling: The monitoring wells recommended for continued monitoring are based on the following evaluation.

Table D
Evaluation of Wells for Continued Sampling

Well	Peak MTBE Concentration (µg/L)	June 2018 MTBE Concentration (µg/L)	% Remaining (June 2018 Concentration/Peak Concentration)	Recommended for Continued Sampling? (Rationale)
MW-1	25,400	4.8 J	0.02%	No (5)
MW-1A	14,100	161	1.1%	Yes (1)
MW-4	9,460	Non-detect	-	No (5)
MW-7A	7,510	210	2.8%	Yes (1)
Lot 7 Well	7,510	734	9.8%	Yes (1)
MW-7B	3,910	Non-detect	-	No (4)
MW-7R	2,990	Non-detect	-	No (4)
MW-2	1,350	2.1 J	0.16%	No (5)
H-1A	1,150	Non-detect	-	No (4)
H-6	597	Non-detect	-	No (4)
MW-6	457	Non-detect	-	No (4)
H-4A	17	Non-detect	-	No (3)
H-3	3.9	Non-detect	-	No (3)
MW-3	0.7	Non-detect	-	No (3)
MW-5	0.6	Non-detect	-	No (3)
Lot 4 Well	Non-detect	Non-detect	-	No (3)
Sentinel Well	Non-detect	Non-detect	-	Yes (2)

1. Select monitoring wells in the core of the plume are recommended for continued sampling to continue to monitor whether the MTBE plume is expanding, stable, or contracting. These include MW-1A located closest to the former UST field and apparent source of contamination. Other wells proposed for sampling in the core of the plume include MW-7A and the Lot 7 Well.
2. The Sentinel Well is recommended for continued sampling to monitor the potential for impact to residential wells located on Don Avenue.
3. As shown on **Figure 4**, the following wells are located outside of the MTBE plume and won't be sampled: H-3, H-4A, MW-3, MW-5, and the Lot 4 Well.
4. As shown on **Figure 5**, the following wells have demonstrated stabilized low-level MTBE concentrations below the MDE Groundwater Standard (20 µg/L) or were non-detect and won't be sampled: H-1A, H-6, MW-6, MW-7R, and MW-7B.
5. During the last two sampling events, MW-1, MW-2 and MW-4 had low-level MTBE concentrations below the MDE Groundwater Standard (20 µg/L) or were non-detect and won't be sampled.

Of the 17 wells that have been used in the past for groundwater monitoring, 4 of these wells (MW-1A, MW-7A, the Lot 7 Well, and the Sentinel Well) are recommended for continued

sampling. CGS also recommends continued sampling of drinking water samples from the Site, 2173 Sykesville Road, and 2040 Don Avenue.

- Establish a semi-annual sampling frequency: CGS recommends semi-annual sampling for a period of two years. CGS also recommends that Country Side Trust request closure of MDE Case No. 2007-0096-CL at the conclusion of the 2-year period if the MTBE concentrations continue to decrease or stabilize.

- CGS understands that a new home will be built on the old farm house lot on the Adjacent Property. CGS recommends sampling the old farm house well during the next scheduled sampling event in September 2018.

- As dictated by MDE, CGS recommends properly abandoning all of the monitoring wells and the Lot 4 Well that will be no longer sampled and the Lot 2, 3, 5, and 6 Wells that are no longer proposed for use as residential supply wells.

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. Our facsimile number is (410) 740-3299.

Sincerely,
Chesapeake GeoSciences, Inc.

Nancy D. Love, PG
Principal

Kevin W. Howard, PG
President

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

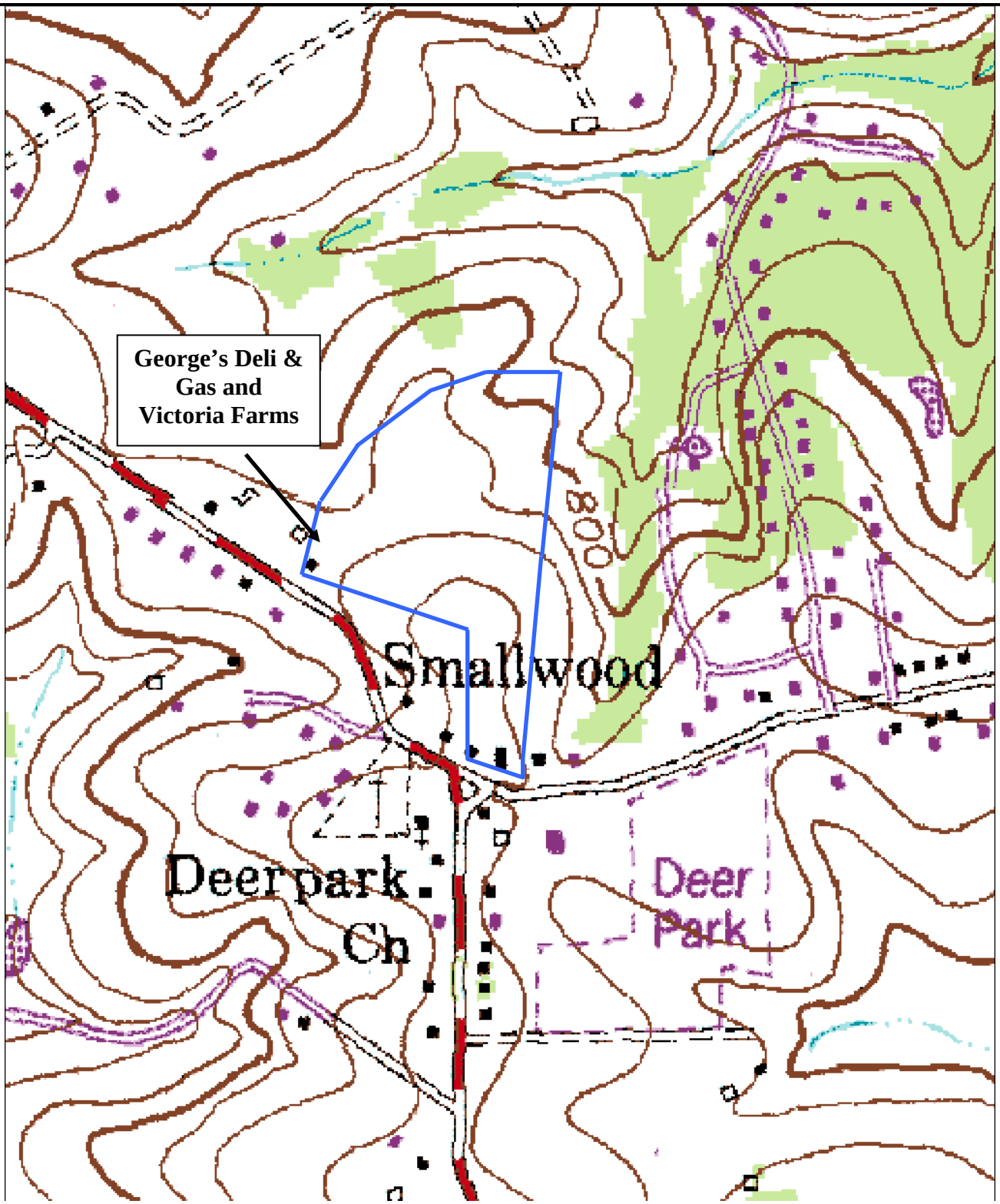
Tables

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

CGS Chesapeake GeoSciences, Inc.
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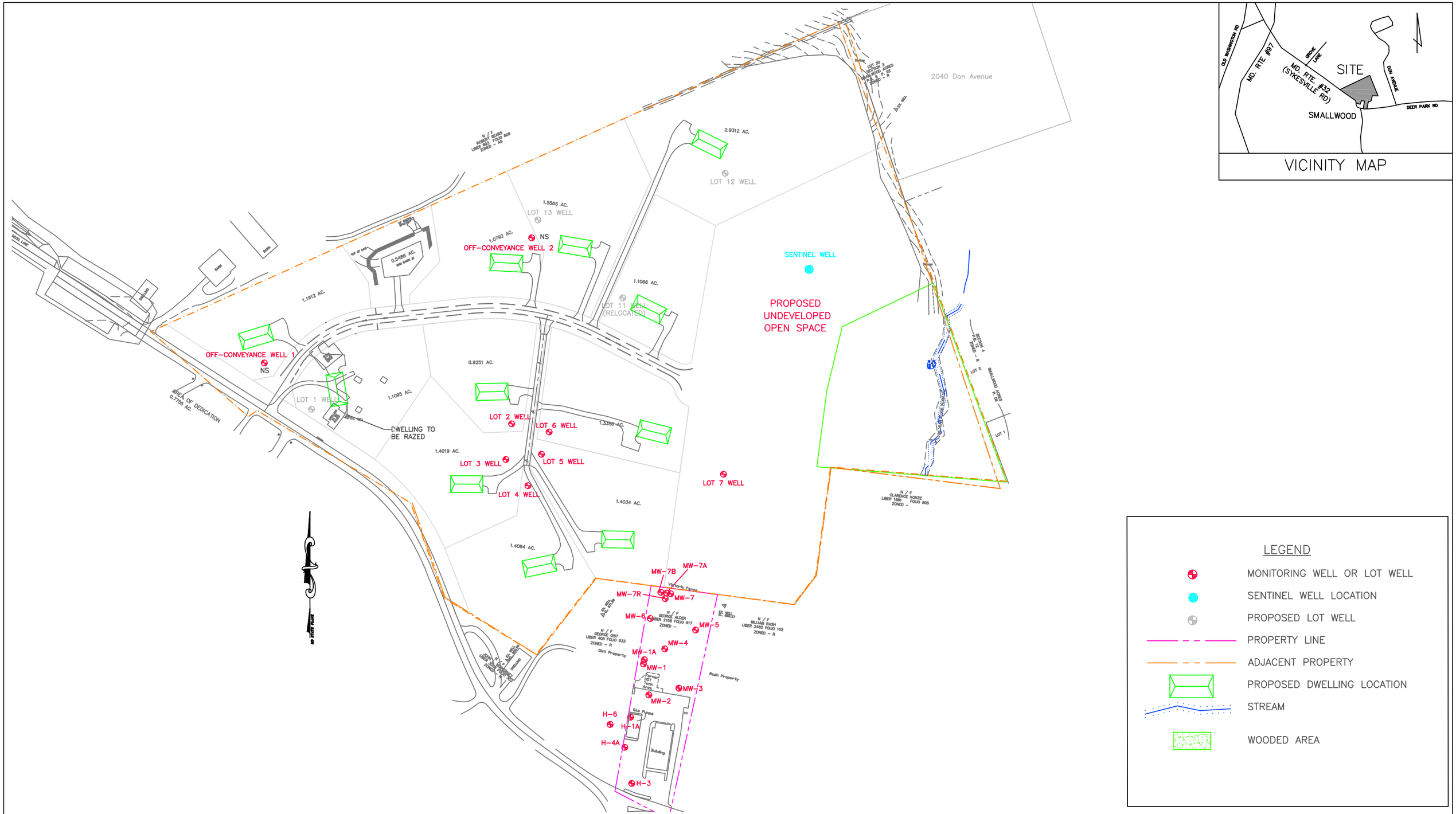
Figure 1: Site Location Map George's Deli & Gas and Victoria Farms



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

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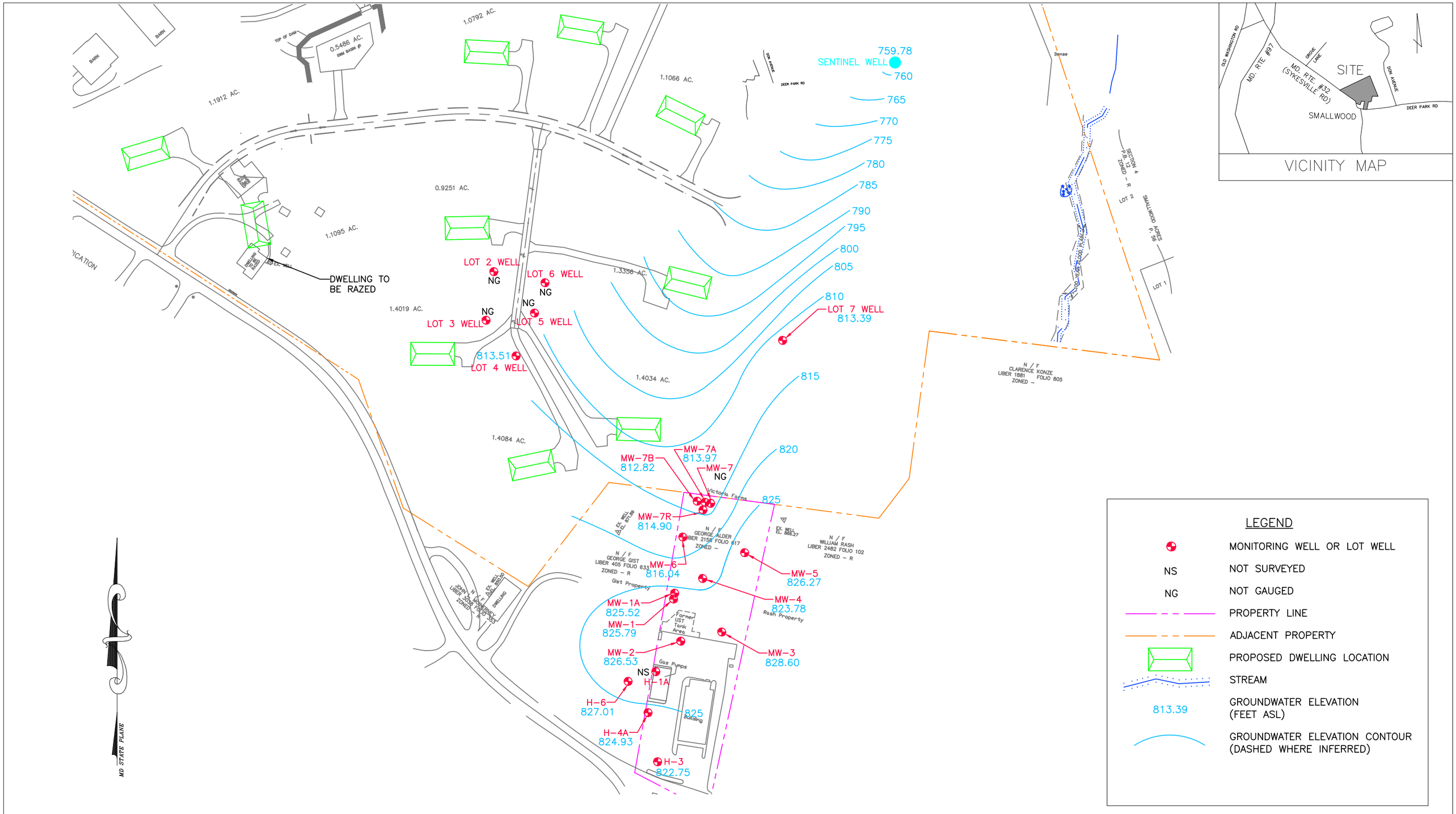
SITE DIAGRAM AND WELL LOCATION MAP

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

Figure 2



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

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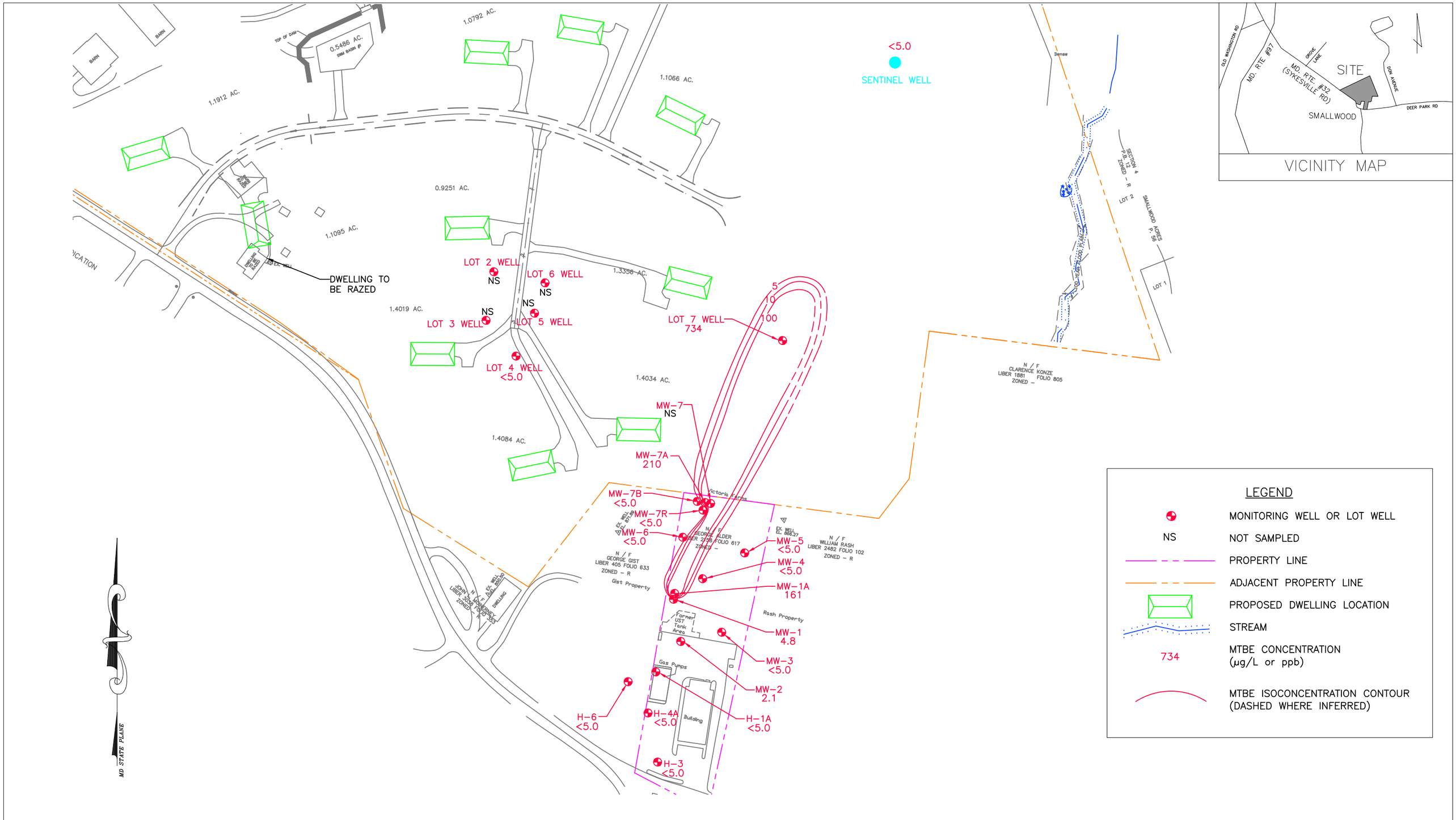
GROUNDWATER CONTOUR MAP - JUNE 18, 2018
602 Deer Park Road and 2139 Sykesville Road
Westminster, MD 21157

Figure 3



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

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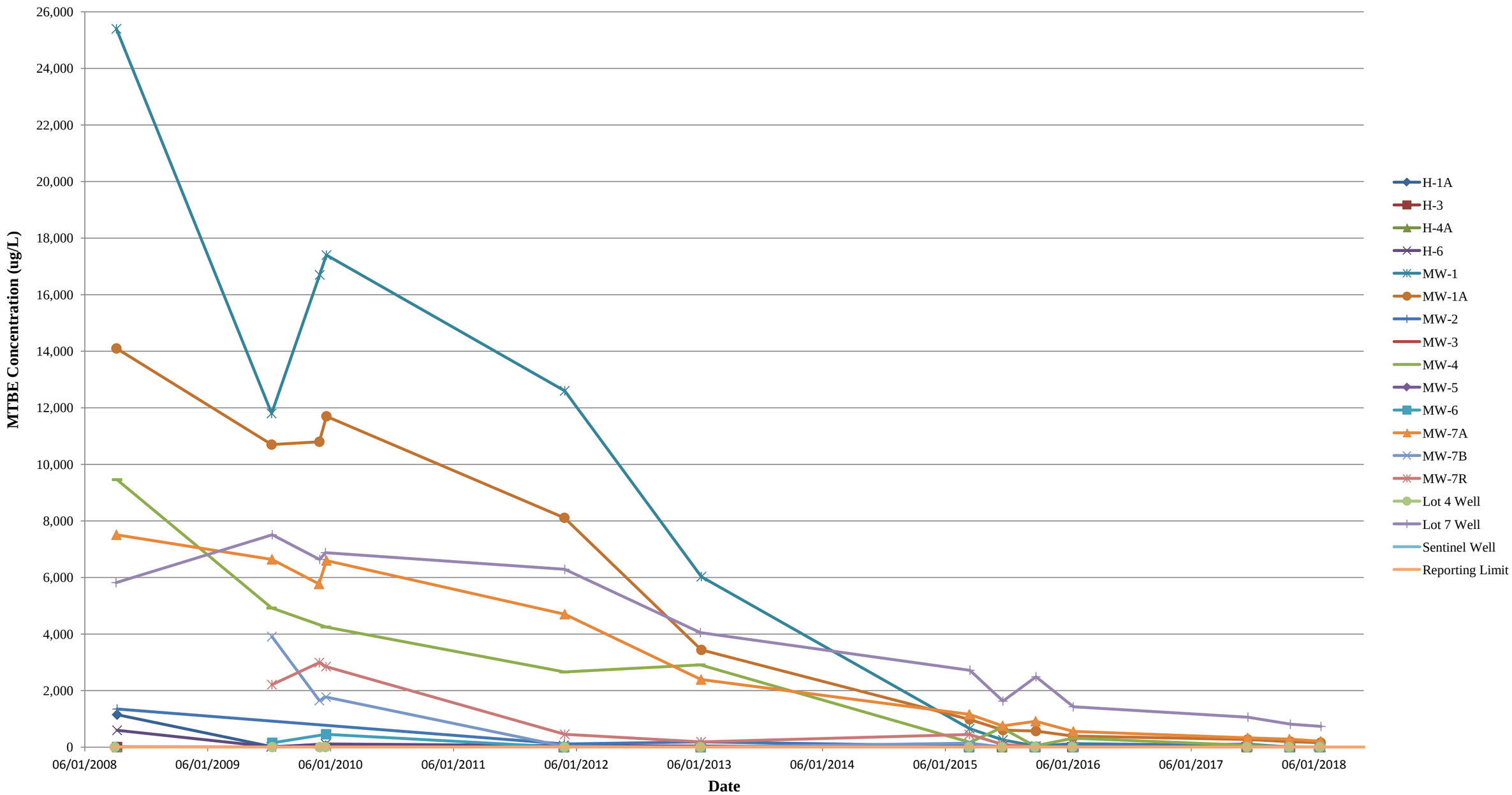
MTBE ISOCONCENTRATION MAP - JUNE 2018
602 Deer Park Road and 2139 Sykesville Road
Westminster, MD 21157

Figure 4

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 18, 2018	
					Northing[4]	Easting[4]		Depth to Ground-water from TOC (ft)	Ground-water Elevation (ft)
H-1A	CL-81-5726	66.28	25-65	6	672669.71	1319354.73	NR	39.39	NA
H-3	CL-81-5728	56.42	38-58	4	672536.59	1319356.07	863.07	40.32	822.75
H-4A	CL-81-5729	86.84	47-87	4	672609.31	1319342.63	865.14	40.21	824.93
H-6	NA	70.13	32-72	4	672655.52	1319313.60	864.26	37.25	827.01
MW-1	NA	84.49	NA	2	672776.49	1319381.57	870.63	44.84	825.79
MW-1A	CL-95-1261	143.32	105-145	4	672785.11	1319383.51	870.89	45.37	825.52
MW-2	NA	84.80	NA	2	672714.01	1319391.88	867.70	41.17	826.53
MW-3	NA	77.50	NA	2	672727.32	1319452.39	867.27	38.67	828.60
MW-4	NA	68.59	38-68	2	672806.58	1319424.79	871.58	47.80	823.78
MW-5	CL-95-727	71.76	42-72	2	672843.83	1319487.11	869.89	43.62	826.27
MW-6	NA	72.93	43-73	2	672867.64	1319396.20	874.66	58.62	816.04
MW-7A	CL-95-1260	145.39	125-145	4	672918.51	1319429.50	878.35	64.38	813.97
MW-7B	CL-95-1558	286.10	223-283	4	672920.62	1319419.52	879.10	66.28	812.82
MW-7R	CL-95-1557	100.35	45-100	4	672907.68	1319428.18	878.34	63.44	814.90
Lot 4 Well	CL-94-5262	123.25	20-120	6	673136.86	1319152.68	865.80	52.29	813.51
Lot 7 Well	CL-94-5394	142.07	21-133	6	673156.33	1319545.83	858.42	45.03	813.39
Sentinel Well	CL-11-0045	72.58	47-70	6	673396.92	1319919.96	805.32	45.54	759.78

Table Notes:

TOC - Top of PVC 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 goes dry at times.

[2] As measured on August 10, 2015 following well re-development. Lot 7 Well depth measured on June 16, 2016.

[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 - Detected Analytes
George's Deli & Gas and Victoria Farms
602 Deer Park Road and 2139 Sykesville Rd, Westminster, Maryland
June 18 through June 22, 2018

Volatile Organic Compounds (VOCs)

Sample ID	**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**	**LOT 4 WELL**	**LOT 7 WELL**	**LOT 7 WELL [DUPE]**	**SENTINEL WELL**	**FB**	**TB**	**MDE Groundwater Standard**
Sample Date	**06/19/18**	**06/19/18**	**06/21/18**	**06/19/18**	**06/21/18**	**06/21/18**	**06/19/18**	**06/21/18**	**06/18/18**	**06/21/18**	**06/18/18**	**06/21/18**	**06/22/18**	**06/21/18**	**06/18/18**	**06/22/18**	**06/22/18**	**06/19/18**	**06/21/18**	**06/18/18**	
Dilution Factor (VOCs)	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**5**	**5**	**1**	**1**	**1**	
Sample Type	**Groundwater**																		**Blank**		
VOCs	**Concentration (ug/L)**																				
tert-Amyl methyl ether (TAME)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**10.3**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**12.1**	5.0 U	5.0 U	5.0 U	**44.3**	**47.1**	5.0 U	5.0 U	5.0 U	na
tert-Butanol (TBA)	15.0 U	15.0 U	15.0 U	15.0 U	15.0 U	**92.2**	15.0 U	15.0 U	15.0 U	15.0 U	15.0 U	**67.8**	15.0 U	15.0 U	15.0 U	**470**	**507**	15.0 U	15.0 U	15.0 U	na
Methyl tert-butyl ether (MTBE)	5.0 U	5.0 U	5.0 U	5.0 U	**4.8** J	**161**	**2.1** J	5.0 U	5.0 U	5.0 U	5.0 U	**210** E	5.0 U	5.0 U	5.0 U	**713**	**734**	5.0 U	5.0 U	5.0 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. 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 Method Detection Limit (MDL). The concentration is considered to be estimated.
E - The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
na - not applicable
Bold - Detected analyte concentration

Screening Evaluation Notes:
MDE Groundwater Standards: MDE Groundwater Cleanup Standards for Type I and II Aquifers (June 2008)
Underline - MRL exceeds the respective MDE Groundwater Standard.
Red, bold, and underline - Detected analyte concentration exceeds the respective MDE Groundwater Standard.

Additional Screening Level Notes:

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

Table 3
Summary of Drinking Water Sample Results - Detected Analytes
George's Deli & Gas and Victoria Farms
602 Deer Park Road and 2139 Sykesville Rd, Westminster, Maryland
June 18 through June 21, 2018

Volatile Organic Compounds (VOCs)

Sample ID	**602-DW**	**2173-DW-PRE**	**2173-DW-MID**	**2173-DW-POST**	**2040-DW**	**FB**	**TB**	**MDE Groundwater Standard**
Sample Date	**06/19/18**	**06/20/18**	**06/20/18**	**06/20/18**	**06/20/18**	**06/21/18**	**06/18/18**	
Dilution Factor	**1**	**1**	**1**	**1**	**1**	**1**	**1**	
Sample Type	**Potable Drinking Water**					**Blanks**		
VOCs	**Concentration (ug/L)**							
Methyl tert-butyl ether (MTBE)	**0.86**	0.50 U	0.50 U	0.50 U	**0.77**	5.0 U	5.0 U	2.0E+01
1,2,4-Trimethylbenzene	0.50 U	0.50 U	**0.59**	0.50 U	0.50 U	5.0 U	5.0 U	na
m- & p-Xylenes	0.50 U	0.50 U	**0.55**	0.50 U	0.50 U	5.0 U	5.0 U	1.0E+04

Table Notes:
Analytical Method for Potable Drinking Water Samples: EPA Method 524.2
Analytical Method for Blanks: EPA Method 8260B
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).
na - not applicable
Bold - Detected analyte concentration

Screening Evaluation Notes:
MDE Groundwater Standards: MDE Groundwater Cleanup Standards for Type I and II Aquifers (June 2008)
No MRLs exceed the respective MDE Groundwater Standards.
No detected analyte concentrations exceed the respective MDE Groundwater Standards.

Additional Screening Level Notes:

Analyte	**MDE Groundwater Standard**
m+p-Xylenes	Total Xylenes

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	6.6E+01	2.0E+01	6.5E-01	na	na	1.0E+04	1.0E+04	na	5.0E-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**	*Prior to Natural Attenuation Monitoring Period*									
	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										
	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	*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										
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	*Prior to Natural Attenuation Monitoring Period*									
	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										
	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	*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										
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	*Prior to Natural Attenuation Monitoring Period*									
	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										
	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	*MDE determined that reporting geochemical parameters was no longer required*									
	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										
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	*Prior to Natural Attenuation Monitoring Period*									
	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										
	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	*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										

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	6.6E+01	2.0E+01	6.5E-01	na	na	1.0E+04	1.0E+04	na	5.0E-02	na	na	na	na	na	na	na	na
MW-1	9/3/2008	<7,500	**1,630**	<375	**26,400**	<375	<375	<375	**25,400**	<375	<375	<375	<375	<375	*Prior to Natural Attenuation Monitoring Period*									
	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										
	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	*MDE determined that reporting geochemical parameters was no longer required*									
	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										
MW-1A	9/3/2008	<6,000	**916**	<300	**12900**	<300	<300	<300	**14,100**	<300	<300	<300	<300	<300	*Prior to Natural Attenuation Monitoring Period*									
	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										
	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	*MDE determined that reporting geochemical parameters was no longer required*									
	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										
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	*Prior to Natural Attenuation Monitoring Period*									
	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	*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	**2.1** J	<5.0	<5.0	<5.0	<5.0	<5.0										
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**	*Prior to Natural Attenuation Monitoring Period*									
	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	*MDE determined that reporting geochemical parameters was no longer required*									
	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										

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	6.6E+01	2.0E+01	6.5E-01	na	na	1.0E+04	1.0E+04	na	5.0E-02	na	na	na	na	na	na	na	na
MW-4	9/5/2008	<3,000	**536**	<150	**7,140**	<150	<150	<150	**9,460**	<150	<150	<150	<150	<150	*Prior to Natural Attenuation Monitoring Period*									
	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	*MDE determined that reporting geochemical parameters was no longer required*									
	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										
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**	*Prior to Natural Attenuation Monitoring Period*									
	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										
	8/14/2015	<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	*MDE determined that reporting geochemical parameters was no longer required*									
	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										
MW-6	09/2008	*Well not sampled - Dry.*													*Prior to Natural Attenuation Monitoring Period*									
	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	*MDE determined that reporting geochemical parameters was no longer required*									
	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										
MW-7A	9/3/2008	<2,500	**421**	<125	**5,710**	<125	<125	<125	**7,510**	<125	<125	<125	<125	<125	*Prior to Natural Attenuation Monitoring Period*									
	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	*MDE determined that reporting geochemical parameters was no longer required*									
	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										

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	6.6E+01	2.0E+01	6.5E-01	na	na	1.0E+04	1.0E+04	na	5.0E-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	*Prior to Natural Attenuation Monitoring Period*									
	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	*MDE determined that reporting geochemical parameters was no longer required*									
	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										
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	*Prior to Natural Attenuation Monitoring Period*									
	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	*MDE determined that reporting geochemical parameters was no longer required*									
	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										
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	*Prior to Natural Attenuation Monitoring Period*									
	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	*MDE determined that reporting geochemical parameters was no longer required*									
	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										
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	**0.0340**	**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										

Table 4
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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	6.6E+01	2.0E+01	6.5E-01	na	na	1.0E+04	1.0E+04	na	5.0E-02	na	na	na	na	na	na	na	na
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										

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 (June 2008)
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: George's Deli & Gas**	**LocID:** H1A	**Date:** 06/19/2018
	Project Name: George's Deli & Gas	Project #: CG-08-0348	Recorded By: Checked By:
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo 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]: 26.63	Ambient PID (ppm): NA
	Unit Casing Volume (gal/lin ft) [b]:	Well Volume (gal) {[d-c] x b}: 39.95 x 3 = 120	Well Mouth PID (ppm): NA
	Initial Depth to Water (ft) [c]: 39.39	Screened Interval (ft TOC):	Ground Condition of Well:
	Total Well Depth (ft) [d]: 66.02	Pump depth (ft TOC): 52.5 Pump depth (ft bgs):	Remarks:

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 (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
06/19/18	12:25	39.51	—	—	—	6.16	0.362	196.5	—	100.8/9.68	16.70	NA	Clear
	12:30	39.80	0.29	0.75	0.15	4.92	0.358	216.9	13.33	57.2/5.64	15.61	NA	
	12:35	40.12	0.32	1.75	0.2	4.54	0.357	231.0	10.51	43.1/4.28	15.87	NA	
	12:40	40.42	0.91	2.75	0.2	4.45	0.356	237.1	10.35	38.4/3.78	16.04	NA	
	12:45	40.65	1.14	3.5	0.15	4.38	0.359	245.3	10.24	35.3/3.43	16.66	NA	
	12:50	40.82	1.31	4.5	0.2	4.36	0.358	248.5	6.83	33.8/3.28	16.85	NA	
	12:55	40.98	1.47	6.0	0.3	4.37	0.358	250.6	11.42	32.9/3.18	16.95	NA	
	13:00									/		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)
H1A / 13:00	3 40mL VOAS	HCl+4	N	Pump	VOCs 8260

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: George's Deli & Gas	LocID: H-3	Date: 06/19/2018
	Project Name: George's Deli & Gas	Project #: CG-08-0348	Recorded By: Checked By:
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo 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]:	Ambient PID (ppm): NA
	Unit Casing Volume (gal/lin ft) [b]: 0.65	Well Volume (gal) {[d-c] x b}:	Well Mouth PID (ppm): NA
	Initial Depth to Water (ft) [c]: 40.32	Screened Interval (ft TOC):	Ground Condition of Well:
	Total Well Depth (ft) [d]: 56.18	Pump depth (ft TOC): 53 Pump depth (ft bgs):	Remarks: Water began flowing into well @ 11:15 from rain Event.

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 (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
6/19/18	11:05	40.32	—	—	—	6.50	0.458	169.1	—	98.3/9.48	16.24	NA	clear
	11:10	40.49	0.17	1.0	0.20	5.32	0.445	190.8	23.57	73.0/7.12	16.04	NA	
	11:15	40.50	0.18	3.0	0.40	5.01	0.420	201.0	21.40	60.9/5.94	16.50	NA	
	11:20	40.15	-0.17	6.0	0.60	4.76	0.414	215.4	21.61	57.3/5.34	18.10	NA	
	11:25	40.43	0.11	8.0	0.40	4.86	0.411	216.4	24.65	56.5/5.28	18.53	NA	
	11:30	40.52	0.20	10.0	0.40	4.84	0.390	223.8	34.20	53.2/5.05	17.57	NA	
	11:35	40.57	0.25	11.0	0.20	4.77	0.389	231.2	23.07	53.2/5.13	17.06	NA	
	11:40	40.56	0.24	13.0	0.20	4.74	0.386	238.1	22.97	52.8/5.13	16.74	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-3/11:45	3 40 mL VOAs	HCl+4C	N	Pump	VOCs 8260

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: George's Deli & Gas	LocID: H-4A	Date: 6/21/18
	Project Name: George's Deli & Gas	Project #: CG-08-0348	Recorded By: Checked By:
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo 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]: 4.0	Water Column Thickness (ft) [d-c]:	Ambient PID (ppm): NA
	Unit Casing Volume (gal/lin ft) [b]: 0.65	Well Volume (gal) {[d-c] x b}:	Well Mouth PID (ppm): NA
	Initial Depth to Water (ft) [c]: 40.46	Screened Interval (ft TOC): 47-87	Ground Condition of Well:
	Total Well Depth (ft) [d]: 86.61	Pump depth (ft TOC): 64' Pump depth (ft bgs):	Remarks:

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 (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
6/21/18	8:30	40.46	—	—	—	6.39	0.464	245.7	8.39	81.9 / 8.0	15.62	NA	Clear
	8:35	41.95	1.49	1.0	0.2	4.79	0.485	244.1	9.30	54.3 5.3	15.87	NA	
	8:40	42.94	2.48	1.75	0.15	4.47	0.487	243.8	7.30	51.3 5.1	16.29	NA	
	8:45	43.30	2.84	2.5	0.15	4.35	0.487	247.8	8.43	50.9 / 4.98	16.52	NA	
	8:50	43.74	3.28	2.75	0.05	4.24	0.482	251.4	12.09	49.5 / 4.82	16.59	NA	
	8:55	43.99	3.53	3.5	0.15	4.26	0.483	254.1	10.65	44.8 / 4.33	16.51	NA	
	9:00	44.44	3.98	4.0	0.05	4.26	0.479	255.1	9.10	48.0 4.65	16.77	NA	
	9:05									/		NA	Sampled

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-4A / 9:05	3 40 ML VOAs	HCL	N	Pump	VOCs 8260

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	**Site: George's Deli & Gas**	**LocID:** H6	**Date:** 06/19/2018
	Project Name: George's Deli & Gas	Project #: CG-08-0348	Recorded By: Checked By:
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo 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]: 33.37	Ambient PID (ppm): NA
	Unit Casing Volume (gal/lin ft) [b]: 0.65	Well Volume (gal) {[d-c] x b}: 21.69 x3 = 65.1	Well Mouth PID (ppm): NA
	Initial Depth to Water (ft) [c]: 37.25	Screened Interval (ft TOC):	Ground Condition of Well:
	Total Well Depth (ft) [d]: 70.62	Pump depth (ft TOC): 54 Pump depth (ft bgs):	Remarks:

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 (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
6/19/18	9:52	37.35	—	—	—	6.75	0.154	144.6	24.77	113.0 / 10.91	15.38	NA	clear
	9:57	38.40	0.95	1.5	0.30	4.75	0.152	192.8	33.44	48.4 / 4.79	15.66	NA	↓
	10:02	38.96	1.61	2.5	0.20	4.53	0.152	201.0	17.9	40.2 / 3.96	16.13	NA	
	10:07	39.15	1.80	3.5	0.20	4.46	0.152	211.6	19.85	37.9 / 3.71	16.38	NA	
	10:12	39.53	2.18	4.0	0.10	4.39	0.150	217.1	21.98	37.3 / 3.68	15.94	NA	
	10:17	39.83	2.48	5.5	0.30	4.33	0.151	222.9	27.96	36.2 / 3.57	16.05	NA	
	10:22	40.04	2.69	7.5	0.20	4.36	0.153	223.7	21.30	34.8 / 3.41	16.21	NA	↓
	10:25									/		NA	Sampled

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)
H6 / 10:25	3 40 mL VOAs	HCl+4C	N	Pump	VOCs 8260

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: George's Deli & Gas	LocID: MW-1	Date: 6/21/18
	Project Name: George's Deli & Gas	Project #: CG-08-0348	Recorded By: DG Checked By:
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo 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]: 2.0	Water Column Thickness (ft) [d-c]: 38.76	Ambient PID (ppm): NA
	Unit Casing Volume (gal/lin ft) [b]: 0.16	Well Volume (gal) {[d-c] x b}: 6.20 x3 = 18.6	Well Mouth PID (ppm): NA
	Initial Depth to Water (ft) [c]: 44.84	Screened Interval (ft TOC):	Ground Condition of Well:
	Total Well Depth (ft) [d]: 83.60	Pump depth (ft TOC): 64 Pump depth (ft bgs):	Remarks:

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 (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
6/21/18	12:40	44.84	—	—	—	5.58	0.215	250.4	34.54	88.2 8.8	14.70	NA	Clear
	12:45	46.24	1.40	1.5	0.3	4.56	0.222	282.1	11.27	70.0/ 7.05	15.01	NA	
	12:50	46.22	1.38	2.0	0.10	4.69	0.259	282.7	7.33	53.5/ 5.36	15.24	NA	
	12:55	46.20	1.36	3.0	0.2	4.71	0.273	276.6	5.43	43.9/ 4.38	15.47	NA	
	13:00	46.15	1.31	4.0	0.2	4.75	0.276	274.5	9.56	40.9/ 4.07	15.68	NA	
	13:05	46.09	1.21	5.0	0.2	4.80	0.282	274.2	8.15	36.8/ 3.68	16.03	NA	
	13:10	46.27	1.43	6.0	0.2	4.79	0.277	274.9	7.05	36.9/ 3.67	15.70	NA	
	13:15									/		NA	Sampled

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 / 13:15	3 40 ML VOAs	HCL	N	Pump	VOCs 8260

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: George's Deli & Gas	LocID: MW-1A	Date: 6/21/18
	Project Name: George's Deli & Gas	Project #: CG-08-0348	Recorded By: DG Checked By:
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo 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]:	Water Column Thickness (ft) [d-c]:	Ambient PID (ppm): NA
	Unit Casing Volume (gal/lin ft) [b]:	Well Volume (gal) {[d-c] x b}:	Well Mouth PID (ppm): NA
	Initial Depth to Water (ft) [c]: 45.37	Screened Interval (ft TOC): 105 - 145	Ground Condition of Well:
	Total Well Depth (ft) [d]: 142.32	Pump depth (ft TOC): 121' Pump depth (ft bgs):	Remarks:

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 (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
6/21/18	11:40	46.33	—	—	—	6.39	0.381	247.3	38.68	49.8 / 49.3	13.86	NA	clear
	11:45	47.63	1.30	1.5	0.3	4.79	0.389	285.1	15.63	20.5 / 2.12	13.62	NA	
	11:50	47.65	1.32	2.5	0.2	4.72	0.389	281.8	8.53	17.6 / 1.81	13.87	NA	
	11:55	47.64	1.31	3.5	0.25	4.72	0.389	277.3	8.82	16.0 / 1.65	13.91	NA	
	12:00	47.62	1.29	5.0	0.25	4.67	0.389	274.3	3.90	15.4 / 1.59	14.01	NA	
	12:05	47.73	1.40	6.0	0.2	4.58	0.388	279.2	8.09	14.4 / 1.48	14.09	NA	
	12:10	47.74	1.41	7.0	0.2	4.56	0.388	279.1	6.40	13.9 / 1.43	14.10	NA	
	12:15	47.71	1.38	8.0	0.2	4.54	0.388	278.6	6.82	13.3 / 1.36	14.06	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

12:20 Sampled

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
MW-1A / 12:20	3 40 ML VOAs	HCL	N	Pump	VOCs 8260

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	**Site: George's Deli & Gas**	**LocID:** MW-2	**Date:** 06/19/2018
	Project Name: George's Deli & Gas	Project #: CG-08-0348	Recorded By: Checked By:
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo 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]: 42.55	Ambient PID (ppm): NA
	Unit Casing Volume (gal/lin ft) [b]:	Well Volume (gal) {[d-c] x b}: 6.81 x 3 = 20.43	Well Mouth PID (ppm): NA
	Initial Depth to Water (ft) [c]: 41.17	Screened Interval (ft TOC):	Ground Condition of Well:
	Total Well Depth (ft) [d]: 83.72	Pump depth (ft TOC): 62.5 Pump depth (ft bgs):	Remarks:

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 (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
6/19/18	15:25	41.17	—	—	—	6.16	0.499	222.3	—	100.3 / 9.36	19.42	NA	clear
	15:30	42.54	1.37	1.5	0.3	4.68	0.516	237.9	175.3	45.1 / 4.42	16.24	NA	
	15:35	42.57	1.40	2.0	0.1	4.75	0.516	232.4	129.1	37.6 / 3.66	16.59	NA	
	15:40	42.61	1.44	2.75	0.15	4.82	0.514	228.9	141.1	34.5 / 3.35	16.65	NA	
	15:45	42.62	1.45	3.75	0.15	4.75	0.509	232.4	56.16	32.4 / 3.14	16.69	NA	
	15:50	42.61	1.44	4.5	0.15	4.76	0.508	233.9	34.85	31.3 / 3.04	16.71	NA	
	15:55	42.59	1.43	5.5	0.2	4.75	0.506	236.1	31.30	30.6 / 2.96	16.78	NA	
	14:00									/		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/	3 40 mL VOAs	HCl+4C	N	Pump	VOCs 8260

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: George's Deli & Gas	LocID: MW-3	Date: 06/21/2018
	Project Name: George's Deli & Gas	Project #: CG-08-0348	Recorded By: Checked By:
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo 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]: 37.31	Ambient PID (ppm): NA
	Unit Casing Volume (gal/lin ft) [b]: 0.16	Well Volume (gal) {[d-c] x b}:	Well Mouth PID (ppm): NA
	Initial Depth to Water (ft) [c]: 38.90	Screened Interval (ft TOC):	Ground Condition of Well:
	Total Well Depth (ft) [d]: 76.21	Pump depth (ft TOC): 58 Pump depth (ft bgs):	Remarks:

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 (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
06/21/18	9:35	38.73	—	—	—	6.0	0.231	249.5	76.65	95.7/9.61	15.65	NA	clear
	9:40	40.06	1.33	0.5	0.1	4.71	0.228	269.6	68.78	63.0/6.35	14.90	NA	↓
	9:45	40.25	1.52	1.0	0.1	4.57	0.226	268.9	74.49	53.8/5.31	15.91	NA	
	9:50	40.22	1.49	1.5	0.1	4.59	0.226	266.7	76.72	51.4/5.04	16.42	NA	
	9:55	40.98	2.25	2.0	0.1	4.57	0.225	255.7	103.7	51.3/5.0	16.60	NA	
	10:00	41.29	2.51	3.0	0.2	4.57	0.226	261.0	87.36	51.1/5.04	16.06	NA	↓
	10:05									/		NA	Sampled
										/		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-3/ 10:05	3 40 ML VOAs	HCL	N	Pump	VOCs 8260

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: George's Deli & Gas	LocID: MW-4	Date: 06 / 18 / 2018
	Project Name: George's Deli & Gas	Project #: CG-08-0348	Recorded By: KWH Checked By:
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo 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]: 20.59	Ambient PID (ppm): NA
	Unit Casing Volume (gal/lin ft) [b]: 0.16	Well Volume (gal) {[d-c] x b}: 3.3	Well Mouth PID (ppm): NA
	Initial Depth to Water (ft) [c]: 47.80	Screened Interval (ft TOC):	Ground Condition of Well:
	Total Well Depth (ft) [d]: 68.39	Pump depth (ft TOC): BAILING Pump depth (ft bgs):	Remarks:

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 (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
06/18/18	12:40	47.80		10						/		NA	BROWN & SILTY
06/18/18	13:17	48.56								/		NA	NO ODOR
06/18/18	13:25	SAMPLED								/		NA	
										/		NA	
										/		NA	
										/		NA	
										/		NA	
										/		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-4/13:25	3 40ML VOAS	HCl	N	BAILER	VOC 8260

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	**Site: George's Deli & Gas**	**LocID:** MW-5	**Date:** 6/21/18
	Project Name: George's Deli & Gas	Project #: CG-08-0348	Recorded By: DG Checked By:
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo 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]: 2.0	Water Column Thickness (ft) [d-c]: 27.90	Ambient PID (ppm): NA
	Unit Casing Volume (gal/lin ft) [b]: 0.16	Well Volume (gal) {[d-c] x b}: 4.46 x 3 = 13.38	Well Mouth PID (ppm): NA
	Initial Depth to Water (ft) [c]: 43.62	Screened Interval (ft TOC): 42 - 72	Ground Condition of Well:
	Total Well Depth (ft) [d]: 71.52	Pump depth (ft TOC): 57.2 Pump depth (ft bgs):	Remarks:

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 (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
	10:36	43.58	—	—	—	5.45	0.139	257.9	62.94	15.43 / 15.16	13.68	NA	Clear
	10:41	46.80	3.22	1.5	0.3	3.98	0.139	299.2	52.57	51.1 / 5.20	14.47	NA	
	10:46	47.03	3.45	2.0	0.1	3.98	0.138	296.1	49.71	45.4 / 4.55	15.23	NA	
	10:51	47.03	3.45	3.0	0.2	4.04	0.137	294.9	51.11	41.8 / 4.17	15.54	NA	
	10:56	47.03	3.45	3.75	0.15	4.08	0.136	294.5	50.09	42.3 4.18	15.90	NA	
	11:01	47.06	3.48	4.5	0.15	4.11	0.134	294.8	59.15	40.4 / 3.98	16.10	NA	
	11:05									/		NA	Sampled
										/		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-5/ 11:05	3 40 mL VOAs	HCl +4C	N	Pump	VOCs 8260

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	**Site: George's Deli & Gas**	**LocID:** MW-6	**Date:** 6/18/18
	Project Name: George's Deli & Gas	Project #: CG-08-0348	Recorded By: DG Checked By:
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo 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]: 2.0	Water Column Thickness (ft) [d-c]: 14.13	Ambient PID (ppm): NA
	Unit Casing Volume (gal/lin ft) [b]: 0.16	Well Volume (gal) {[d-c] x b}: 6.7(3)	Well Mouth PID (ppm): NA
	Initial Depth to Water (ft) [c]: 58.62	Screened Interval (ft TOC): 43-73	Ground Condition of Well:
	Total Well Depth (ft) [d]: 72.75'	Pump depth (ft TOC): NA Pump depth (ft bgs): NA	Remarks:

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 (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
6/18/18	12:13	58.62		—						/		NA	brownish / sediments
	12:41	65.54		6.7						/		NA	brownish / sediments
	12:50	Sampled								/		NA	
										/		NA	
										/		NA	
										/		NA	
										/		NA	
										/		NA	
										/		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-6 / 12:50	3 40 mL VOAs	HCl+4C	N	bailer	VOCs 8260

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: George's Deli & Gas	LocID: MW-7A	Date: 06 / 21 / 2018
	Project Name: George's Deli & Gas	Project #: CG-08-0348	Recorded By: Checked By:
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo 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]: 81.01	Ambient PID (ppm): NA
	Unit Casing Volume (gal/lin ft) [b]: 0.65	Well Volume (gal) {[d-c] x b}: 52.66 X3 158	Well Mouth PID (ppm): NA
	Initial Depth to Water (ft) [c]: 64.38	Screened Interval (ft TOC): 125-145	Ground Condition of Well:
	Total Well Depth (ft) [d]: 145.39	Pump depth (ft TOC): 133 Pump depth (ft bgs):	Remarks:

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 (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
6/21/18	15:07	64.94	—	—	—	5.54	0.313	284.7	10.89	64.8 / 6.41	15.29	NA	clear
	15:12	65.15	0.21	2.0	0.40	4.51	0.328	321.3	10.01	17.9 / 1.83	13.97	NA	
	15:17	65.17	0.23	5.0	0.60	4.63	0.325	307.4	10.37	14.7 / 1.51	14.01	NA	
	15:22	65.13	0.19	7.0	0.40	4.63	0.331	303.3	13.58	15.1 / 1.55	14.25	NA	
	15:27	65.13	0.19	8.0	0.2	4.63	0.341	302.3	12.17	14.3 / 1.47	14.27	NA	
	15:32	65.14	0.20	10.0	0.4	4.60	0.349	301.4	12.71	13.7 / 1.35	14.32	NA	Sample
	15:40									/		NA	
										/		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-7A / 15:40	3 40 mL VOAs	HCl+4C	N	Pump	VOCs 8260

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MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: George's Deli & Gas	LocID: MW-7B	Date: 06 / 22 / 2018
	Project Name: George's Deli & Gas	Project #: CG-08-0348	Recorded By: LG Checked By:
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo 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]: 219.72	Ambient PID (ppm): NA
	Unit Casing Volume (gal/lin ft) [b]: 0.65	Well Volume (gal) {[d-c] x b}: 143 x 3 = 428	Well Mouth PID (ppm): NA
	Initial Depth to Water (ft) [c]: 66.28	Screened Interval (ft TOC): 226 - 286	Ground Condition of Well:
	Total Well Depth (ft) [d]: 286	Pump depth (ft TOC): 155 Pump depth (ft bgs):	Remarks:

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 (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
6/22/18	10:57	66.0	—	—	—	6.53	0.170	289.1	20.67	225 / 223	13.06	NA	clear
	11:02	69.69	3.69	2.0	0.40	4.84	0.170	309.9	15.93	63.0 / 6.57	13.39	NA	
	11:07	71.30	5.30	3.0	0.20	4.58	0.170	295.4	9.96	58.6 / 6.02	14.10	NA	
	11:12	72.28	6.28	4.0	0.20	4.39	0.169	300.6	10.08	57.0 / 5.82	14.33	NA	
	11:17	72.77	6.77	4.5	0.10	4.25	0.170	307.8	5.34	57.7 / 5.84	14.36	NA	
	11:22	73.42	7.42	5.0	0.10	4.14	0.168	313.0	6.63	56.7 / 5.82	14.18	NA	
	11:27	74.02	8.02	5.5	0.10	4.04	0.167	316.6	5.80	57.4 / 5.82	14.72	NA	
	11:32	74.41	8.41	6.0	0.10	4.09	0.167	312.9	5.90	56.0 / 5.62	15.22	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 / 11:45	3 40 mL VOAs	HCl+4°C	N	Pump	VOCs 8260

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: George's Deli & Gas		LocID: MW-7B	
	Project Name: George's Deli & Gas		Project #: CG-08-0348	

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 (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
6/22/18	11:37	75.04	9.04	6.5	0.1	4.06	0.167	315.1	3.11	56.9 / 5.83	14.19	NA	clear
	11:45									/		NA	Sampled
										/		NA	
										/		NA	
										/		NA	
										/		NA	
										/		NA	
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												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

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	**Site: George's Deli & Gas**	**LocID:** MW-7R	**Date:** 06 / 21 / 2018
	Project Name: George's Deli & Gas	Project #: CG-08-0348	Recorded By: Checked By:
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo 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]: 36.91	Ambient PID (ppm): NA
	Unit Casing Volume (gal/lin ft) [b]: 0.65	Well Volume (gal) {[d-c] x b}: 24 x3 = 72	Well Mouth PID (ppm): NA
	Initial Depth to Water (ft) [c]: 63.44	Screened Interval (ft TOC): 45 - 100	Ground Condition of Well:
	Total Well Depth (ft) [d]: 100.35	Pump depth (ft TOC): 82 Pump depth (ft bgs):	Remarks:

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 (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
6/21/18	13:52	63.94	—	—	—	6.42	0.179	247.7	5.54	192.1 / 18.86	14.38	NA	clear
	13:57	64.05	0.11	1.5	0.3	4.53	0.184	293.3	8.67	71.5 / 7.25	14.61	NA	
	14:02	64.07	0.13	2.0	0.1	4.52	0.183	290.6	9.23	67.1 / 6.68	14.88	NA	
	14:07	64.08	0.14	3.5	0.3	4.54	0.184	280.7	6.71	63.8 / 6.41	14.95	NA	
	14:12	64.08	0.14	5.0	0.3	4.47	0.186	297.3	3.78	59.9 / 6.04	14.95	NA	
	14:17	64.10	0.16	6.0	0.2	4.35	0.185	307.7	6.58	59.5 / 5.98	14.98	NA	
	14:22	64.11	0.17	7.5	0.3	4.29	0.185	315.5	5.73	57.0 / 5.75	14.97	NA	
	14:27	64.11	0.17	9.0	0.3	4.27	0.186	320.5	9.15	55.4 / 5.58	14.98	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 / 14:40	3 40 mL VOAs	HCl+4°C	N	Pump	VOCs 8260

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: George's Deli & Gas		LocID: MW-7R	
	Project Name: George's Deli & Gas		Project #: CG-08-0348	

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 (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
6/24/18	14:32	64.12	0.18	10.0	0.2	4.26	0.186	324.8	9.27	5.7 5.72	14.97	NA	
	14:40									/		NA	Sampled
										/		NA	
										/		NA	
										/		NA	
										/		NA	
										/		NA	
										/		NA	
										/		NA	
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												NA	
												NA	
												NA	
												NA	
												NA	
												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

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: George's Deli & Gas	LocID: LOT 4	Date: 06 / 18 / 2018
	Project Name: George's Deli & Gas	Project #: CG-08-0348	Recorded By: KWH Checked By:
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo 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]:	Ambient PID (ppm): NA
	Unit Casing Volume (gal/lin ft) [b]: 1.5	Well Volume (gal) {[d-c] x b}:	Well Mouth PID (ppm): NA
	Initial Depth to Water (ft) [c]: 52.29	Screened Interval (ft TOC): 23-123	Ground Condition of Well:
	Total Well Depth (ft) [d]: 123.25	Pump depth (ft TOC): 87 Pump depth (ft bgs):	Remarks:

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 (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
6/18/18	10:08	52.64		—	—	6.61	0.520	167.5	8.98	69.4 / 7.06	13.34	NA	clear
	10:13	52.98		1.5		5.20	0.517	194.8	6.12	64.8 / 6.71	13.71	NA	
	10:18	52.83		2.5		4.59	0.520	215.8	8.80	62.6 / 6.46	13.86	NA	
	10:23	52.77		3.5		4.38	0.513	222.6	3.83	60.9 / 6.25	14.04	NA	
	10:28	52.72		4.5		4.38	0.519	221.5	13.14	61.1 / 6.27	14.08	NA	
	10:33	52.73		5.5		4.44	0.515	218.8	12.10	62.1 / 6.37	13.90	NA	
	10:38	52.67		6.5		4.49	0.510	217.9	9.87	61.4 / 6.29	14.11	NA	
	10:45									/		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)
Lot 4 well / 10:45	3 40 mL VOAs	HCl+4C	N	Pump	VOCs 8260

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: George's Deli & Gas	LocID: Lot 7 Well	Date: 06 / 22 / 2018
	Project Name: George's Deli & Gas	Project #: CG-08-0348	Recorded By: DG Checked By:
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo 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]: 97.04	Ambient PID (ppm): NA
	Unit Casing Volume (gal/lin ft) [b]:	Well Volume (gal) {[d-c] x b}: 21 - 142	Well Mouth PID (ppm): NA
	Initial Depth to Water (ft) [c]: 45.03	Screened Interval (ft TOC): 21 - 142	Ground Condition of Well:
	Total Well Depth (ft) [d]: 142.07	Pump depth (ft TOC): 94 Pump depth (ft bgs):	Remarks:

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 (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
6/22/18	12:30	45.90	—	—	—	6.11	0.373	290.4	4.72	82.0 / 8.31	13.90	NA	Clear
	12:35	46.37	0.42	0.75	0.15	5.03	0.443	301.2	4.28	26.4 / 2.73	13.73	NA	
	12:40	46.34	0.44	1.25	0.1	4.81	0.452	289.2	5.58	20.3 / 2.08	14.16	NA	
	12:45	46.35	0.45	1.75	0.15	4.78	0.453	281.9	4.45	17.3 / 1.77	14.28	NA	
	12:50	46.35	0.45	2.25	0.15	4.75	0.454	275.5	1.86	15.9 / 1.62	14.25	NA	
	12:55	46.35	0.45	3.0	0.15	4.75	0.453	271.3	2.08	14.8 / 1.49	14.25	NA	
	13:00	46.36	0.46	4.5	0.3	4.74	0.454	267.2	3.47	13.8 / 1.41	14.26	NA	
	13:05	46.35	0.45	5.5	0.2	4.75	0.453	263.1	3.59	13.2 / 1.34	14.36	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)
Lot 7 Well / 13:20	3 40 mL VOAs	HCl+4C	N	Pump	VOCs 8260
Dupe / 00:00					

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: George's Deli & Gas		LocID: Lot 7 Well	
	Project Name: George's Deli & Gas		Project #: CG-08-0348	

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 (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
6/22/18	13:10	46.34	0.44	6.0	0.1	4.76	0.454	200.8	4.21	12.5 / 1.27	14.42	NA	
	13:15	46.34	0.44	7.0	0.2	4.76	0.456	258.3	4.51	12.2 / 1.24	14.28	NA	
	13:20									/		NA	Sampled
										/		NA	
										/		NA	
										/		NA	
										/		NA	
										/		NA	
										/		NA	
										/		NA	
										/		NA	
										/		NA	
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												NA	
												NA	
												NA	
												NA	
												NA	
												NA	
												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

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: George's Deli & Gas	LocID: Sentinel Well	Date: 6/19/18
	Project Name: George's Deli & Gas	Project #: CG-08-0348	Recorded By: Checked By:
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo 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]: 6.0	Water Column Thickness (ft) [d-c]: 26.94	Ambient PID (ppm): NA
	Unit Casing Volume (gal/lin ft) [b]: 1.5	Well Volume (gal) {[d-c] x b}:	Well Mouth PID (ppm): NA
	Initial Depth to Water (ft) [c]: 45.54	Screened Interval (ft TOC): 47-70'	Ground Condition of Well:
	Total Well Depth (ft) [d]: 72.48	Pump depth (ft TOC): 63 Pump depth (ft bgs):	Remarks:

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 (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
6/19/18	8:40	45.68	—	—	—	6.74	0.139	128.8	25.84	80.7 / 8.10	14.63	NA	clear
	8:45	45.73	+0.05	1.5	0.3	4.55	0.141	210.3	25.13	62.7 / 6.47	13.93	NA	↓
	8:50	45.75	0.07	2.5	0.2	3.82	0.140	244.1	28.57	64.0 / 6.59	14.02	NA	
	8:55	45.75	0.07	3.0	0.1	3.40	0.139	263.5	23.50	64.7 / 6.65	14.08	NA	
	9:00	45.76	0.08	4.5	0.3	3.40	0.138	265.6	24.55	63.3 / 6.54	14.14	NA	
	9:05	45.77	0.09	5.5	0.2	3.41	0.137	265.1	20.27	63.8 / 6.56	14.01	NA	
	9:10									/		NA	Sampled
										/		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)
Sentinel Well / 9:10	3 40 mL VOAs	HCl+4C	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

28 June 2018

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

Enclosed are the results of analyses for samples received by the laboratory on 06/20/18 10:27.

A more detailed report format is available upon request, which lists the accreditation status for all analytical methods performed.

Please visit our website at www.mdspectral.com for a complete listing of our accreditations.

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

Sincerely,

Will Brewington
President

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
06/28/18 13:44

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
LOT 4 WELL		8062006-01	Nonpotable Water	06/18/18 10:45	06/20/18 10:27
MW-6		8062006-02	Nonpotable Water	06/18/18 12:50	06/20/18 10:27
MW-4		8062006-03	Nonpotable Water	06/18/18 13:25	06/20/18 10:27
SENTINEL WELL		8062006-04	Nonpotable Water	06/19/18 09:10	06/20/18 10:27
H-6		8062006-05	Nonpotable Water	06/19/18 10:25	06/20/18 10:27
H-3		8062006-06	Nonpotable Water	06/19/18 11:45	06/20/18 10:27
H-1A		8062006-07	Nonpotable Water	06/19/18 13:00	06/20/18 10:27
MW-2		8062006-08	Nonpotable Water	06/19/18 14:00	06/20/18 10:27
602-DW		8062006-09	Drinking Water	06/19/18 14:25	06/20/18 10:27

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

As a NELAP accredited laboratory, MSS can provide a certification list upon request.

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
06/28/18 13:44

LOT 4 WELL

8062006-01 (Nonpotable Water)
Sample Date: 06/18/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 19:20	GM
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/25/18	06/25/18 19:20	GM
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
Benzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
Bromobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
Bromochloromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
Bromodichloromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
Bromoform	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
Bromomethane	ND		ug/L	5.0	5.0	1	06/25/18	06/25/18 19:20	GM
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/25/18	06/25/18 19:20	GM
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 19:20	GM
n-Butylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
Carbon disulfide	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
Chlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
Chloroethane	ND		ug/L	5.0	5.0	1	06/25/18	06/25/18 19:20	GM
Chloroform	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
Chloromethane	ND		ug/L	5.0	5.0	1	06/25/18	06/25/18 19:20	GM
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
Dibromochloromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
Dibromomethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM

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

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
06/28/18 13:44

LOT 4 WELL

8062006-01 (Nonpotable Water)
Sample Date: 06/18/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
Ethylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
2-Hexanone	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 19:20	GM
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 19:20	GM
Methylene chloride	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 19:20	GM
Naphthalene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
n-Propylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
Styrene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
Tetrachloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
Toluene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
Trichloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM

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Analytical Results

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410-247-7600
www.mdspectral.com

Project: LITTLE GEORGE'S DELI

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

Reported:
06/28/18 13:44

LOT 4 WELL

8062006-01 (Nonpotable Water)
Sample Date: 06/18/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
o-Xylene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:20	GM

Surrogate: 1,2-Dichloroethane-d4	*75-120*	*93 %*	*06/25/18*	*06/25/18 19:20*
Surrogate: Toluene-d8	*84-110*	*94 %*	*06/25/18*	*06/25/18 19:20*
Surrogate: 4-Bromofluorobenzene	*78-110*	*99 %*	*06/25/18*	*06/25/18 19:20*

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Will Brewington, President

Analytical Results

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Project: LITTLE GEORGE'S DELI

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

Reported:
06/28/18 13:44

MW-6

8062006-02 (Nonpotable Water)
Sample Date: 06/18/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 19:43	GM
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/25/18	06/25/18 19:43	GM
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
Benzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
Bromobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
Bromochloromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
Bromodichloromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
Bromoform	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
Bromomethane	ND		ug/L	5.0	5.0	1	06/25/18	06/25/18 19:43	GM
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/25/18	06/25/18 19:43	GM
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 19:43	GM
n-Butylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
Carbon disulfide	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
Chlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
Chloroethane	ND		ug/L	5.0	5.0	1	06/25/18	06/25/18 19:43	GM
Chloroform	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
Chloromethane	ND		ug/L	5.0	5.0	1	06/25/18	06/25/18 19:43	GM
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
Dibromochloromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
Dibromomethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
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Project: LITTLE GEORGE'S DELI

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

Reported:
06/28/18 13:44

MW-6

8062006-02 (Nonpotable Water)
Sample Date: 06/18/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
Ethylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
2-Hexanone	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 19:43	GM
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 19:43	GM
Methylene chloride	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 19:43	GM
Naphthalene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
n-Propylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
Styrene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
Tetrachloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
Toluene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
Trichloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM

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Analytical Results

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410-247-7600
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Project: LITTLE GEORGE'S DELI

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

Reported:
06/28/18 13:44

MW-6

8062006-02 (Nonpotable Water)
Sample Date: 06/18/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
o-Xylene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 19:43	GM
Surrogate: 1,2-Dichloroethane-d4			*75-120*	*93 %*		*06/25/18*	*06/25/18 19:43*		
Surrogate: Toluene-d8			*84-110*	*93 %*		*06/25/18*	*06/25/18 19:43*		
Surrogate: 4-Bromofluorobenzene			*78-110*	*99 %*		*06/25/18*	*06/25/18 19:43*		

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Analytical Results

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Baltimore MD 21227
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Project: LITTLE GEORGE'S DELI

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

Reported:
06/28/18 13:44

MW-4

8062006-03 (Nonpotable Water)
Sample Date: 06/18/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 20:07	GM
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/25/18	06/25/18 20:07	GM
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
Benzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
Bromobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
Bromochloromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
Bromodichloromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
Bromoform	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
Bromomethane	ND		ug/L	5.0	5.0	1	06/25/18	06/25/18 20:07	GM
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/25/18	06/25/18 20:07	GM
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 20:07	GM
n-Butylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
Carbon disulfide	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
Chlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
Chloroethane	ND		ug/L	5.0	5.0	1	06/25/18	06/25/18 20:07	GM
Chloroform	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
Chloromethane	ND		ug/L	5.0	5.0	1	06/25/18	06/25/18 20:07	GM
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
Dibromochloromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
Dibromomethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM

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Analytical Results

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Project: LITTLE GEORGE'S DELI

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

Reported:
06/28/18 13:44

MW-4

8062006-03 (Nonpotable Water)
Sample Date: 06/18/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
Ethylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
2-Hexanone	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 20:07	GM
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 20:07	GM
Methylene chloride	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 20:07	GM
Naphthalene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
n-Propylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
Styrene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
Tetrachloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
Toluene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
Trichloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM

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Will Brewington, President

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
06/28/18 13:44

MW-4

8062006-03 (Nonpotable Water)
Sample Date: 06/18/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
o-Xylene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:07	GM
Surrogate: 1,2-Dichloroethane-d4			*75-120*	*93 %*			*06/25/18*	*06/25/18 20:07*	
Surrogate: Toluene-d8			*84-110*	*93 %*			*06/25/18*	*06/25/18 20:07*	
Surrogate: 4-Bromofluorobenzene			*78-110*	*98 %*			*06/25/18*	*06/25/18 20:07*	

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Will Brewington, President

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
06/28/18 13:44

SENTINEL WELL

8062006-04 (Nonpotable Water)
Sample Date: 06/19/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 20:31	GM
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/25/18	06/25/18 20:31	GM
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
Benzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
Bromobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
Bromochloromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
Bromodichloromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
Bromoform	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
Bromomethane	ND		ug/L	5.0	5.0	1	06/25/18	06/25/18 20:31	GM
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/25/18	06/25/18 20:31	GM
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 20:31	GM
n-Butylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
Carbon disulfide	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
Chlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
Chloroethane	ND		ug/L	5.0	5.0	1	06/25/18	06/25/18 20:31	GM
Chloroform	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
Chloromethane	ND		ug/L	5.0	5.0	1	06/25/18	06/25/18 20:31	GM
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
Dibromochloromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
Dibromomethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM

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Will Brewington, President

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
06/28/18 13:44

SENTINEL WELL

8062006-04 (Nonpotable Water)
Sample Date: 06/19/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
Ethylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
2-Hexanone	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 20:31	GM
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 20:31	GM
Methylene chloride	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 20:31	GM
Naphthalene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
n-Propylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
Styrene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
Tetrachloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
Toluene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
Trichloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM

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Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
06/28/18 13:44

SENTINEL WELL

8062006-04 (Nonpotable Water)
Sample Date: 06/19/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
o-Xylene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:31	GM
Surrogate: 1,2-Dichloroethane-d4			*75-120*	*92 %*		*06/25/18*	*06/25/18 20:31*		
Surrogate: Toluene-d8			*84-110*	*94 %*		*06/25/18*	*06/25/18 20:31*		
Surrogate: 4-Bromofluorobenzene			*78-110*	*99 %*		*06/25/18*	*06/25/18 20:31*		

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
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Project: LITTLE GEORGE'S DELI

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

Reported:
06/28/18 13:44

H-6

8062006-05 (Nonpotable Water)
Sample Date: 06/19/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 20:55	GM
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/25/18	06/25/18 20:55	GM
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
Benzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
Bromobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
Bromochloromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
Bromodichloromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
Bromoform	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
Bromomethane	ND		ug/L	5.0	5.0	1	06/25/18	06/25/18 20:55	GM
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/25/18	06/25/18 20:55	GM
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 20:55	GM
n-Butylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
Carbon disulfide	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
Chlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
Chloroethane	ND		ug/L	5.0	5.0	1	06/25/18	06/25/18 20:55	GM
Chloroform	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
Chloromethane	ND		ug/L	5.0	5.0	1	06/25/18	06/25/18 20:55	GM
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
Dibromochloromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
Dibromomethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM

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Will Brewington, President

Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
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Project: LITTLE GEORGE'S DELI

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

Reported:
06/28/18 13:44

H-6

8062006-05 (Nonpotable Water)
Sample Date: 06/19/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
Ethylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
2-Hexanone	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 20:55	GM
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 20:55	GM
Methylene chloride	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 20:55	GM
Naphthalene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
n-Propylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
Styrene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
Tetrachloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
Toluene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
Trichloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM

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Will Brewington, President

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
06/28/18 13:44

H-6

8062006-05 (Nonpotable Water)
Sample Date: 06/19/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
o-Xylene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 20:55	GM
Surrogate: 1,2-Dichloroethane-d4			*75-120*	*92 %*		*06/25/18*	*06/25/18 20:55*		
Surrogate: Toluene-d8			*84-110*	*93 %*		*06/25/18*	*06/25/18 20:55*		
Surrogate: 4-Bromofluorobenzene			*78-110*	*98 %*		*06/25/18*	*06/25/18 20:55*		

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Will Brewington, President

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
06/28/18 13:44

H-3

8062006-06 (Nonpotable Water)
Sample Date: 06/19/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 21:19	GM
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/25/18	06/25/18 21:19	GM
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
Benzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
Bromobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
Bromochloromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
Bromodichloromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
Bromoform	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
Bromomethane	ND		ug/L	5.0	5.0	1	06/25/18	06/25/18 21:19	GM
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/25/18	06/25/18 21:19	GM
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 21:19	GM
n-Butylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
Carbon disulfide	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
Chlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
Chloroethane	ND		ug/L	5.0	5.0	1	06/25/18	06/25/18 21:19	GM
Chloroform	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
Chloromethane	ND		ug/L	5.0	5.0	1	06/25/18	06/25/18 21:19	GM
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
Dibromochloromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
Dibromomethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM

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Will Brewington, President

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
06/28/18 13:44

H-3

8062006-06 (Nonpotable Water)
Sample Date: 06/19/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
Ethylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
2-Hexanone	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 21:19	GM
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 21:19	GM
Methylene chloride	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 21:19	GM
Naphthalene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
n-Propylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
Styrene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
Tetrachloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
Toluene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
Trichloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM

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Will Brewington, President

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
06/28/18 13:44

H-3

8062006-06 (Nonpotable Water)
Sample Date: 06/19/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
o-Xylene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:19	GM
Surrogate: 1,2-Dichloroethane-d4			*75-120*	*92 %*		*06/25/18*	*06/25/18 21:19*		
Surrogate: Toluene-d8			*84-110*	*93 %*		*06/25/18*	*06/25/18 21:19*		
Surrogate: 4-Bromofluorobenzene			*78-110*	*99 %*		*06/25/18*	*06/25/18 21:19*		

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Will Brewington, President

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
06/28/18 13:44

H-1A

8062006-07 (Nonpotable Water)
Sample Date: 06/19/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 21:43	GM
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/25/18	06/25/18 21:43	GM
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
Benzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
Bromobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
Bromochloromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
Bromodichloromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
Bromoform	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
Bromomethane	ND		ug/L	5.0	5.0	1	06/25/18	06/25/18 21:43	GM
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/25/18	06/25/18 21:43	GM
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 21:43	GM
n-Butylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
Carbon disulfide	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
Chlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
Chloroethane	ND		ug/L	5.0	5.0	1	06/25/18	06/25/18 21:43	GM
Chloroform	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
Chloromethane	ND		ug/L	5.0	5.0	1	06/25/18	06/25/18 21:43	GM
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
Dibromochloromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
Dibromomethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM

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Will Brewington, President

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
06/28/18 13:44

H-1A

8062006-07 (Nonpotable Water)
Sample Date: 06/19/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
Ethylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
2-Hexanone	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 21:43	GM
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 21:43	GM
Methylene chloride	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 21:43	GM
Naphthalene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
n-Propylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
Styrene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
Tetrachloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
Toluene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
Trichloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM

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Will Brewington, President

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
06/28/18 13:44

H-1A

8062006-07 (Nonpotable Water)
Sample Date: 06/19/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
o-Xylene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 21:43	GM
Surrogate: 1,2-Dichloroethane-d4			*75-120*	*93 %*		*06/25/18*	*06/25/18 21:43*		
Surrogate: Toluene-d8			*84-110*	*93 %*		*06/25/18*	*06/25/18 21:43*		
Surrogate: 4-Bromofluorobenzene			*78-110*	*98 %*		*06/25/18*	*06/25/18 21:43*		

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Will Brewington, President

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
06/28/18 13:44

MW-2

8062006-08 (Nonpotable Water)
Sample Date: 06/19/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 22:07	GM
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/25/18	06/25/18 22:07	GM
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
Benzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
Bromobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
Bromochloromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
Bromodichloromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
Bromoform	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
Bromomethane	ND		ug/L	5.0	5.0	1	06/25/18	06/25/18 22:07	GM
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/25/18	06/25/18 22:07	GM
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 22:07	GM
n-Butylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
Carbon disulfide	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
Chlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
Chloroethane	ND		ug/L	5.0	5.0	1	06/25/18	06/25/18 22:07	GM
Chloroform	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
Chloromethane	ND		ug/L	5.0	5.0	1	06/25/18	06/25/18 22:07	GM
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
Dibromochloromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
Dibromomethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM

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Will Brewington, President

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
06/28/18 13:44

MW-2

8062006-08 (Nonpotable Water)
Sample Date: 06/19/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
Ethylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
2-Hexanone	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 22:07	GM
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
Methyl tert-butyl ether (MTBE)	**2.1**	J	ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 22:07	GM
Methylene chloride	ND		ug/L	10.0	10.0	1	06/25/18	06/25/18 22:07	GM
Naphthalene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
n-Propylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
Styrene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
Tetrachloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
Toluene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
Trichloroethene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM

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Will Brewington, President

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
06/28/18 13:44

MW-2

8062006-08 (Nonpotable Water)
Sample Date: 06/19/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
o-Xylene	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	06/25/18	06/25/18 22:07	GM
Surrogate: 1,2-Dichloroethane-d4			*75-120*	*92 %*		*06/25/18*	*06/25/18 22:07*		
Surrogate: Toluene-d8			*84-110*	*92 %*		*06/25/18*	*06/25/18 22:07*		
Surrogate: 4-Bromofluorobenzene			*78-110*	*98 %*		*06/25/18*	*06/25/18 22:07*		

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Will Brewington, President

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
06/28/18 13:44

602-DW

8062006-09 (Drinking Water)
Sample Date: 06/19/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS)									
tert-Amyl alcohol (TAA)	ND		ug/L	10.0	10.0	1	06/20/18	06/20/18 17:31	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
Benzene	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
Bromobenzene	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
Bromochloromethane	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
Bromodichloromethane	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
Bromoform	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
Bromomethane	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
tert-Butanol (TBA)	ND		ug/L	10.0	10.0	1	06/20/18	06/20/18 17:31	WB
n-Butylbenzene	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
sec-Butylbenzene	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
tert-Butylbenzene	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
Carbon tetrachloride	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
Chlorobenzene	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
Chloroethane	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
Chloroform	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
Chloromethane	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
2-Chlorotoluene	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
4-Chlorotoluene	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
Dibromochloromethane	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
1,2-Dibromoethane (EDB)	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
Dibromomethane	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
1,2-Dichlorobenzene	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
1,3-Dichlorobenzene	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
1,4-Dichlorobenzene	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
Dichlorodifluoromethane	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
1,1-Dichloroethane	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
1,2-Dichloroethane	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
1,1-Dichloroethene	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
1,2-Dichloropropane	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
1,3-Dichloropropane	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB

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Will Brewington, President

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
06/28/18 13:44

602-DW

8062006-09 (Drinking Water)
Sample Date: 06/19/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS) (continued)									
2,2-Dichloropropane	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
1,1-Dichloropropene	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
cis-1,3-Dichloropropene	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
trans-1,3-Dichloropropene	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
Diisopropyl ether (DIPE)	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
Ethylbenzene	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
Hexachlorobutadiene	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
Isopropylbenzene (Cumene)	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
4-Isopropyltoluene	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
Methyl tert-butyl ether (MTBE)	**0.86**		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
Methylene chloride	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
Naphthalene	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
n-Propylbenzene	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
Styrene	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
Tetrachloroethene	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
Toluene	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
1,2,3-Trichlorobenzene	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
1,1,1-Trichloroethane	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
1,1,2-Trichloroethane	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
Trichloroethene	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
1,2,3-Trichloropropane	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
1,2,4-Trimethylbenzene	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
1,3,5-Trimethylbenzene	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
Vinyl chloride	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
o-Xylene	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
m- & p-Xylenes	ND		ug/L	0.50	0.50	1	06/20/18	06/20/18 17:31	WB
Surrogate: 4-Bromofluorobenzene			*80-120*	*106 %*			*06/20/18*	*06/20/18 17:31*	
Surrogate: 1,2-Dichlorobenzene-d4			*80-120*	*116 %*			*06/20/18*	*06/20/18 17:31*	

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Will Brewington, President

As a NELAP accredited laboratory, MSS can provide a certification list upon request.

Analytical Results

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

Project: LITTLE GEORGE'S DELI

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:
06/28/18 13:44

Notes and Definitions

J	Detected but below the reporting limit; therefore, result is an estimated concentration (CLP J-Flag).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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Will Brewington, President

CHAIN-OF-CUSTODY RECORD

Company Name: Chesapeake GeoSciences, Inc.

Project Manager: Kevin Howard

Project Name: Little George's Deli & Gas
Case No. **2007-0096-CL**

Project ID: CG080348

Sampler(s): Devin Glancey & Kevin Howard

P.O. Number: CG080348KH

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

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

Analysis Requested

Field Sample ID	Date	Time	Water	Soil	Other	No. of Containers	VOCs via EPA 8260	VOCs 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
Lot 4 Well	6/18/18	10:45	X			3	X				8062006-01
MW-6	6/18/18	12:50	X			3	X				-02
MW-4	6/18/18	13:25	X			3	X				-03
Sentinel Well	6/19/18	09:10	X			3	X				-04
H-6	6/19/18	10:25	X			3	X				-05
H-3	6/19/18	11:45	X			3	X				-06
H-1A	6/19/18	13:00	X			3	X				-07
MW-2	6/19/18	14:00	X			3	X				-08
602-DW	6/19/18	14:25	X			3		X			-09

Relinquished by: *(Signature)* Devin Glancey
(Printed) Devin Glancey
Date/Time 6/19/18 16:10

Received by Lab: *(Signature)*
(Printed) Maria Colkew-Avila
10:27 6/20/18

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

Special Instructions/QC Requirements & Comments:
Rachel Horner

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

Lab Use:
Temp: 6.0°C
- ☑ Received on Ice
- ☐ Received same day
- ☐ Preservation Appropriate

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

MSS-F001-03/13

Maryland spectral Services

Analytical Chemistry Services

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

03 July 2018

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

Enclosed are the results of analyses for samples received by the laboratory on 06/22/18 15:28.

A more detailed report format is available upon request, which lists the accreditation status for all analytical methods performed.

Please visit our website at www.mdspectral.com for a complete listing of our accreditations.

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

Sincerely,

Rabecka Koons
Quality Assurance Officer

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
H-4A		8062212-01	Nonpotable Water	06/21/18 09:05	06/22/18 15:28
MW-3		8062212-02	Nonpotable Water	06/21/18 10:05	06/22/18 15:28
FB		8062212-03	Nonpotable Water	06/21/18 08:45	06/22/18 15:28
MW-5		8062212-04	Nonpotable Water	06/21/18 11:05	06/22/18 15:28
MW-1A		8062212-05	Nonpotable Water	06/21/18 12:20	06/22/18 15:28
MW-1		8062212-06	Nonpotable Water	06/21/18 13:15	06/22/18 15:28
MW-7R		8062212-07	Nonpotable Water	06/21/18 14:40	06/22/18 15:28
MW-7A		8062212-08	Nonpotable Water	06/21/18 15:40	06/22/18 15:28
2040-DW		8062212-09	DRINKING WATER	06/20/18 14:15	06/22/18 15:28
2173-DW-PRE		8062212-10	DRINKING WATER	06/20/18 13:00	06/22/18 15:28
2173-DW-MID		8062212-11	DRINKING WATER	06/20/18 13:10	06/22/18 15:28
2173-DW-POST		8062212-12	DRINKING WATER	06/20/18 13:20	06/22/18 15:28
GAC-EFF		8062212-13	Nonpotable Water	06/20/18 11:25	06/22/18 15:28
TB		8062212-14	Nonpotable Water	06/18/18 09:00	06/22/18 15:28
MW-7B		8062212-15	Nonpotable Water	06/22/18 11:45	06/22/18 15:28
DUPE		8062212-16	Nonpotable Water	06/22/18 00:00	06/22/18 15:28
LOT 7 WELL		8062212-17	Nonpotable Water	06/22/18 13:20	06/22/18 15:28

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

As a NELAP accredited laboratory, MSS can provide a certification list upon request.

Analytical Results

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

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

Reported:
07/03/18 15:46

H-4A

8062212-01 (Nonpotable Water)
Sample Date: 06/21/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 17:47	GM
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/28/18	06/28/18 17:47	GM
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
Benzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
Bromobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
Bromochloromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
Bromodichloromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
Bromoform	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
Bromomethane	ND		ug/L	5.0	5.0	1	06/28/18	06/28/18 17:47	GM
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/28/18	06/28/18 17:47	GM
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 17:47	GM
n-Butylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
Carbon disulfide	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
Chlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
Chloroethane	ND		ug/L	5.0	5.0	1	06/28/18	06/28/18 17:47	GM
Chloroform	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
Chloromethane	ND		ug/L	5.0	5.0	1	06/28/18	06/28/18 17:47	GM
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
Dibromochloromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
Dibromomethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM

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Rabecka Koons, Quality Assurance Officer

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

H-4A

8062212-01 (Nonpotable Water)
Sample Date: 06/21/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
Ethylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
2-Hexanone	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 17:47	GM
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 17:47	GM
Methylene chloride	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 17:47	GM
Naphthalene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
n-Propylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
Styrene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
Tetrachloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
Toluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
Trichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM

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Rabecka Koons, Quality Assurance Officer

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

H-4A

8062212-01 (Nonpotable Water)
Sample Date: 06/21/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
o-Xylene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 17:47	GM
Surrogate: 1,2-Dichloroethane-d4			*75-120*	*94 %*		*06/28/18*	*06/28/18 17:47*		
Surrogate: Toluene-d8			*84-110*	*99 %*		*06/28/18*	*06/28/18 17:47*		
Surrogate: 4-Bromofluorobenzene			*78-110*	*94 %*		*06/28/18*	*06/28/18 17:47*		

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Rabecka Koons, Quality Assurance Officer

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

MW-3

8062212-02 (Nonpotable Water)
Sample Date: 06/21/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 18:11	GM
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/28/18	06/28/18 18:11	GM
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
Benzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
Bromobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
Bromochloromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
Bromodichloromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
Bromoform	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
Bromomethane	ND		ug/L	5.0	5.0	1	06/28/18	06/28/18 18:11	GM
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/28/18	06/28/18 18:11	GM
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 18:11	GM
n-Butylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
Carbon disulfide	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
Chlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
Chloroethane	ND		ug/L	5.0	5.0	1	06/28/18	06/28/18 18:11	GM
Chloroform	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
Chloromethane	ND		ug/L	5.0	5.0	1	06/28/18	06/28/18 18:11	GM
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
Dibromochloromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
Dibromomethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM

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Rabecka Koons, Quality Assurance Officer

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

MW-3

8062212-02 (Nonpotable Water)
Sample Date: 06/21/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
Ethylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
2-Hexanone	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 18:11	GM
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 18:11	GM
Methylene chloride	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 18:11	GM
Naphthalene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
n-Propylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
Styrene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
Tetrachloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
Toluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
Trichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM

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Rabecka Koons, Quality Assurance Officer

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

MW-3

8062212-02 (Nonpotable Water)
Sample Date: 06/21/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
o-Xylene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:11	GM
Surrogate: 1,2-Dichloroethane-d4			*75-120*	*98 %*		*06/28/18*	*06/28/18 18:11*		
Surrogate: Toluene-d8			*84-110*	*99 %*		*06/28/18*	*06/28/18 18:11*		
Surrogate: 4-Bromofluorobenzene			*78-110*	*94 %*		*06/28/18*	*06/28/18 18:11*		

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Rabecka Koons, Quality Assurance Officer

As a NELAP accredited laboratory, MSS can provide a certification list upon request.

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

FB

8062212-03 (Nonpotable Water)
Sample Date: 06/21/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 18:35	GM
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/28/18	06/28/18 18:35	GM
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
Benzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
Bromobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
Bromochloromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
Bromodichloromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
Bromoform	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
Bromomethane	ND		ug/L	5.0	5.0	1	06/28/18	06/28/18 18:35	GM
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/28/18	06/28/18 18:35	GM
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 18:35	GM
n-Butylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
Carbon disulfide	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
Chlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
Chloroethane	ND		ug/L	5.0	5.0	1	06/28/18	06/28/18 18:35	GM
Chloroform	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
Chloromethane	ND		ug/L	5.0	5.0	1	06/28/18	06/28/18 18:35	GM
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
Dibromochloromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
Dibromomethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM

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Rabecka Koons, Quality Assurance Officer

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

FB

8062212-03 (Nonpotable Water)
Sample Date: 06/21/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
Ethylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
2-Hexanone	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 18:35	GM
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 18:35	GM
Methylene chloride	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 18:35	GM
Naphthalene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
n-Propylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
Styrene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
Tetrachloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
Toluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
Trichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM

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Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

FB

8062212-03 (Nonpotable Water)
Sample Date: 06/21/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
o-Xylene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:35	GM

Surrogate: 1,2-Dichloroethane-d4	*75-120*	*96 %*	*06/28/18*	*06/28/18 18:35*
Surrogate: Toluene-d8	*84-110*	*98 %*	*06/28/18*	*06/28/18 18:35*
Surrogate: 4-Bromofluorobenzene	*78-110*	*94 %*	*06/28/18*	*06/28/18 18:35*

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Rabecka Koons, Quality Assurance Officer

Analytical Results

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Baltimore MD 21227
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Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

MW-5

8062212-04 (Nonpotable Water)
Sample Date: 06/21/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 18:59	GM
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/28/18	06/28/18 18:59	GM
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
Benzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
Bromobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
Bromochloromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
Bromodichloromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
Bromoform	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
Bromomethane	ND		ug/L	5.0	5.0	1	06/28/18	06/28/18 18:59	GM
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/28/18	06/28/18 18:59	GM
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 18:59	GM
n-Butylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
Carbon disulfide	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
Chlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
Chloroethane	ND		ug/L	5.0	5.0	1	06/28/18	06/28/18 18:59	GM
Chloroform	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
Chloromethane	ND		ug/L	5.0	5.0	1	06/28/18	06/28/18 18:59	GM
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
Dibromochloromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
Dibromomethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM

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Rabecka Koons, Quality Assurance Officer

Analytical Results

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

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

Reported:
07/03/18 15:46

MW-5

8062212-04 (Nonpotable Water)
Sample Date: 06/21/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
Ethylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
2-Hexanone	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 18:59	GM
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 18:59	GM
Methylene chloride	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 18:59	GM
Naphthalene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
n-Propylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
Styrene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
Tetrachloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
Toluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
Trichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM

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Rabecka Koons, Quality Assurance Officer

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

MW-5

8062212-04 (Nonpotable Water)
Sample Date: 06/21/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
o-Xylene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 18:59	GM
Surrogate: 1,2-Dichloroethane-d4			*75-120*	*96 %*			*06/28/18*	*06/28/18 18:59*	
Surrogate: Toluene-d8			*84-110*	*99 %*			*06/28/18*	*06/28/18 18:59*	
Surrogate: 4-Bromofluorobenzene			*78-110*	*94 %*			*06/28/18*	*06/28/18 18:59*	

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Rabecka Koons, Quality Assurance Officer

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

MW-1A

8062212-05 (Nonpotable Water)
Sample Date: 06/21/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 19:22	GM
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/28/18	06/28/18 19:22	GM
tert-Amyl methyl ether (TAME)	**10.3**		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
Benzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
Bromobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
Bromochloromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
Bromodichloromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
Bromoform	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
Bromomethane	ND		ug/L	5.0	5.0	1	06/28/18	06/28/18 19:22	GM
tert-Butanol (TBA)	**92.2**		ug/L	15.0	15.0	1	06/28/18	06/28/18 19:22	GM
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 19:22	GM
n-Butylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
Carbon disulfide	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
Chlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
Chloroethane	ND		ug/L	5.0	5.0	1	06/28/18	06/28/18 19:22	GM
Chloroform	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
Chloromethane	ND		ug/L	5.0	5.0	1	06/28/18	06/28/18 19:22	GM
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
Dibromochloromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
Dibromomethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM

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Rabecka Koons, Quality Assurance Officer

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

MW-1A

8062212-05 (Nonpotable Water)
Sample Date: 06/21/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
Ethylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
2-Hexanone	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 19:22	GM
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
Methyl tert-butyl ether (MTBE)	**161**		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 19:22	GM
Methylene chloride	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 19:22	GM
Naphthalene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
n-Propylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
Styrene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
Tetrachloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
Toluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
Trichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM

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Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

MW-1A

8062212-05 (Nonpotable Water)
Sample Date: 06/21/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
o-Xylene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:22	GM

Surrogate: 1,2-Dichloroethane-d4	*75-120*	*99 %*	*06/28/18*	*06/28/18 19:22*
Surrogate: Toluene-d8	*84-110*	*99 %*	*06/28/18*	*06/28/18 19:22*
Surrogate: 4-Bromofluorobenzene	*78-110*	*93 %*	*06/28/18*	*06/28/18 19:22*

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
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www.mdspectral.com

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

MW-1

8062212-06 (Nonpotable Water)
Sample Date: 06/21/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 19:46	GM
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/28/18	06/28/18 19:46	GM
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
Benzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
Bromobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
Bromochloromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
Bromodichloromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
Bromoform	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
Bromomethane	ND		ug/L	5.0	5.0	1	06/28/18	06/28/18 19:46	GM
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/28/18	06/28/18 19:46	GM
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 19:46	GM
n-Butylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
Carbon disulfide	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
Chlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
Chloroethane	ND		ug/L	5.0	5.0	1	06/28/18	06/28/18 19:46	GM
Chloroform	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
Chloromethane	ND		ug/L	5.0	5.0	1	06/28/18	06/28/18 19:46	GM
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
Dibromochloromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
Dibromomethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
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Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

MW-1

8062212-06 (Nonpotable Water)
Sample Date: 06/21/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
Ethylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
2-Hexanone	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 19:46	GM
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
Methyl tert-butyl ether (MTBE)	**4.8**	J	ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 19:46	GM
Methylene chloride	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 19:46	GM
Naphthalene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
n-Propylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
Styrene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
Tetrachloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
Toluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
Trichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM

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Rabecka Koons, Quality Assurance Officer

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

MW-1

8062212-06 (Nonpotable Water)
Sample Date: 06/21/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
o-Xylene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 19:46	GM
Surrogate: 1,2-Dichloroethane-d4			*75-120*	*96 %*			*06/28/18*	*06/28/18 19:46*	
Surrogate: Toluene-d8			*84-110*	*99 %*			*06/28/18*	*06/28/18 19:46*	
Surrogate: 4-Bromofluorobenzene			*78-110*	*94 %*			*06/28/18*	*06/28/18 19:46*	

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Rabecka Koons, Quality Assurance Officer

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

MW-7R

8062212-07 (Nonpotable Water)
Sample Date: 06/21/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 20:10	GM
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/28/18	06/28/18 20:10	GM
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
Benzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
Bromobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
Bromochloromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
Bromodichloromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
Bromoform	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
Bromomethane	ND		ug/L	5.0	5.0	1	06/28/18	06/28/18 20:10	GM
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/28/18	06/28/18 20:10	GM
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 20:10	GM
n-Butylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
Carbon disulfide	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
Chlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
Chloroethane	ND		ug/L	5.0	5.0	1	06/28/18	06/28/18 20:10	GM
Chloroform	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
Chloromethane	ND		ug/L	5.0	5.0	1	06/28/18	06/28/18 20:10	GM
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
Dibromochloromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
Dibromomethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM

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Rabecka Koons, Quality Assurance Officer

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

MW-7R

8062212-07 (Nonpotable Water)
Sample Date: 06/21/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
Ethylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
2-Hexanone	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 20:10	GM
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 20:10	GM
Methylene chloride	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 20:10	GM
Naphthalene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
n-Propylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
Styrene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
Tetrachloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
Toluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
Trichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM

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Rabecka Koons, Quality Assurance Officer

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

MW-7R

8062212-07 (Nonpotable Water)
Sample Date: 06/21/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
o-Xylene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:10	GM
Surrogate: 1,2-Dichloroethane-d4			*75-120*	*97 %*		*06/28/18*	*06/28/18 20:10*		
Surrogate: Toluene-d8			*84-110*	*99 %*		*06/28/18*	*06/28/18 20:10*		
Surrogate: 4-Bromofluorobenzene			*78-110*	*93 %*		*06/28/18*	*06/28/18 20:10*		

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Rabecka Koons, Quality Assurance Officer

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

MW-7A

8062212-08 (Nonpotable Water)
Sample Date: 06/21/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 20:34	GM
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/28/18	06/28/18 20:34	GM
tert-Amyl methyl ether (TAME)	**12.1**		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
Benzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
Bromobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
Bromochloromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
Bromodichloromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
Bromoform	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
Bromomethane	ND		ug/L	5.0	5.0	1	06/28/18	06/28/18 20:34	GM
tert-Butanol (TBA)	**67.8**		ug/L	15.0	15.0	1	06/28/18	06/28/18 20:34	GM
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 20:34	GM
n-Butylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
Carbon disulfide	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
Chlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
Chloroethane	ND		ug/L	5.0	5.0	1	06/28/18	06/28/18 20:34	GM
Chloroform	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
Chloromethane	ND		ug/L	5.0	5.0	1	06/28/18	06/28/18 20:34	GM
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
Dibromochloromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
Dibromomethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM

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Rabecka Koons, Quality Assurance Officer

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

MW-7A

8062212-08 (Nonpotable Water)
Sample Date: 06/21/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
Ethylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
2-Hexanone	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 20:34	GM
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
Methyl tert-butyl ether (MTBE)	**210**	E	ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 20:34	GM
Methylene chloride	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 20:34	GM
Naphthalene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
n-Propylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
Styrene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
Tetrachloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
Toluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
Trichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM

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Rabecka Koons, Quality Assurance Officer

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

MW-7A

8062212-08 (Nonpotable Water)
Sample Date: 06/21/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
o-Xylene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:34	GM
Surrogate: 1,2-Dichloroethane-d4			*75-120*	*97 %*		*06/28/18*	*06/28/18 20:34*		
Surrogate: Toluene-d8			*84-110*	*99 %*		*06/28/18*	*06/28/18 20:34*		
Surrogate: 4-Bromofluorobenzene			*78-110*	*92 %*		*06/28/18*	*06/28/18 20:34*		

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Rabecka Koons, Quality Assurance Officer

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

2040-DW

8062212-09 (DRINKING WATER)
Sample Date: 06/20/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS)									
tert-Amyl alcohol (TAA)	ND		ug/L	10.0	10.0	1	06/26/18	06/26/18 17:12	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
Benzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
Bromobenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
Bromochloromethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
Bromodichloromethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
Bromoform	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
Bromomethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
tert-Butanol (TBA)	ND		ug/L	10.0	10.0	1	06/26/18	06/26/18 17:12	WB
n-Butylbenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
sec-Butylbenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
tert-Butylbenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
Carbon tetrachloride	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
Chlorobenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
Chloroethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
Chloroform	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
Chloromethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
2-Chlorotoluene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
4-Chlorotoluene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
Dibromochloromethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
1,2-Dibromoethane (EDB)	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
Dibromomethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
1,2-Dichlorobenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
1,3-Dichlorobenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
1,4-Dichlorobenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
Dichlorodifluoromethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
1,1-Dichloroethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
1,2-Dichloroethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
1,1-Dichloroethene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
1,2-Dichloropropane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
1,3-Dichloropropane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB

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Rabecka Koons, Quality Assurance Officer

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

2040-DW

8062212-09 (DRINKING WATER)
Sample Date: 06/20/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS) (continued)									
2,2-Dichloropropane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
1,1-Dichloropropene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
cis-1,3-Dichloropropene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
trans-1,3-Dichloropropene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
Diisopropyl ether (DIPE)	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
Ethylbenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
Hexachlorobutadiene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
Isopropylbenzene (Cumene)	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
4-Isopropyltoluene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
Methyl tert-butyl ether (MTBE)	**0.77**		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
Methylene chloride	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
Naphthalene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
n-Propylbenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
Styrene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
Tetrachloroethene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
Toluene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
1,2,3-Trichlorobenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
1,1,1-Trichloroethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
1,1,2-Trichloroethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
Trichloroethene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
1,2,3-Trichloropropane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
1,2,4-Trimethylbenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
1,3,5-Trimethylbenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
Vinyl chloride	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
o-Xylene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB
m- & p-Xylenes	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:12	WB

Surrogate: 4-Bromofluorobenzene	*80-120*	*97 %*	*06/26/18*	*06/26/18 17:12*
Surrogate: 1,2-Dichlorobenzene-d4	*80-120*	*98 %*	*06/26/18*	*06/26/18 17:12*

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Rabecka Koons, Quality Assurance Officer

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

2173-DW-PRE

8062212-10 (DRINKING WATER)
Sample Date: 06/20/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS)									
tert-Amyl alcohol (TAA)	ND		ug/L	10.0	10.0	1	06/26/18	06/26/18 17:35	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
Benzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
Bromobenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
Bromochloromethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
Bromodichloromethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
Bromoform	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
Bromomethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
tert-Butanol (TBA)	ND		ug/L	10.0	10.0	1	06/26/18	06/26/18 17:35	WB
n-Butylbenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
sec-Butylbenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
tert-Butylbenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
Carbon tetrachloride	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
Chlorobenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
Chloroethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
Chloroform	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
Chloromethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
2-Chlorotoluene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
4-Chlorotoluene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
Dibromochloromethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
1,2-Dibromoethane (EDB)	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
Dibromomethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
1,2-Dichlorobenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
1,3-Dichlorobenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
1,4-Dichlorobenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
Dichlorodifluoromethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
1,1-Dichloroethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
1,2-Dichloroethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
1,1-Dichloroethene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
1,2-Dichloropropane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
1,3-Dichloropropane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB

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Rabecka Koons, Quality Assurance Officer

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

2173-DW-PRE

8062212-10 (DRINKING WATER)
Sample Date: 06/20/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS) (continued)									
2,2-Dichloropropane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
1,1-Dichloropropene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
cis-1,3-Dichloropropene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
trans-1,3-Dichloropropene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
Diisopropyl ether (DIPE)	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
Ethylbenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
Hexachlorobutadiene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
Isopropylbenzene (Cumene)	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
4-Isopropyltoluene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
Methylene chloride	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
Naphthalene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
n-Propylbenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
Styrene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
Tetrachloroethene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
Toluene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
1,2,3-Trichlorobenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
1,1,1-Trichloroethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
1,1,2-Trichloroethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
Trichloroethene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
1,2,3-Trichloropropane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
1,2,4-Trimethylbenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
1,3,5-Trimethylbenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
Vinyl chloride	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
o-Xylene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
m- & p-Xylenes	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:35	WB
Surrogate: 4-Bromofluorobenzene			*80-120*	*97 %*	*06/26/18*		*06/26/18 17:35*		
Surrogate: 1,2-Dichlorobenzene-d4			*80-120*	*99 %*	*06/26/18*		*06/26/18 17:35*		

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Rabecka Koons, Quality Assurance Officer

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

2173-DW-MID

8062212-11 (DRINKING WATER)
Sample Date: 06/20/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS)									
tert-Amyl alcohol (TAA)	ND		ug/L	10.0	10.0	1	06/26/18	06/26/18 17:58	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
Benzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
Bromobenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
Bromochloromethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
Bromodichloromethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
Bromoform	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
Bromomethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
tert-Butanol (TBA)	ND		ug/L	10.0	10.0	1	06/26/18	06/26/18 17:58	WB
n-Butylbenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
sec-Butylbenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
tert-Butylbenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
Carbon tetrachloride	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
Chlorobenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
Chloroethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
Chloroform	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
Chloromethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
2-Chlorotoluene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
4-Chlorotoluene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
Dibromochloromethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
1,2-Dibromoethane (EDB)	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
Dibromomethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
1,2-Dichlorobenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
1,3-Dichlorobenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
1,4-Dichlorobenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
Dichlorodifluoromethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
1,1-Dichloroethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
1,2-Dichloroethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
1,1-Dichloroethene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
1,2-Dichloropropane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
1,3-Dichloropropane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB

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Rabecka Koons, Quality Assurance Officer

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

2173-DW-MID

8062212-11 (DRINKING WATER)
Sample Date: 06/20/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS) (continued)									
2,2-Dichloropropane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
1,1-Dichloropropene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
cis-1,3-Dichloropropene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
trans-1,3-Dichloropropene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
Diisopropyl ether (DIPE)	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
Ethylbenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
Hexachlorobutadiene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
Isopropylbenzene (Cumene)	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
4-Isopropyltoluene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
Methylene chloride	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
Naphthalene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
n-Propylbenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
Styrene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
Tetrachloroethene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
Toluene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
1,2,3-Trichlorobenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
1,1,1-Trichloroethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
1,1,2-Trichloroethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
Trichloroethene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
1,2,3-Trichloropropane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
1,2,4-Trimethylbenzene	**0.59**		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
1,3,5-Trimethylbenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
Vinyl chloride	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
o-Xylene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
m- & p-Xylenes	**0.55**		ug/L	0.50	0.50	1	06/26/18	06/26/18 17:58	WB
Surrogate: 4-Bromofluorobenzene			*80-120*	*96 %*		*06/26/18*	*06/26/18 17:58*		
Surrogate: 1,2-Dichlorobenzene-d4			*80-120*	*100 %*		*06/26/18*	*06/26/18 17:58*		

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Rabecka Koons, Quality Assurance Officer

Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
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Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

2173-DW-POST

8062212-12 (DRINKING WATER)
Sample Date: 06/20/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS)									
tert-Amyl alcohol (TAA)	ND		ug/L	10.0	10.0	1	06/26/18	06/26/18 18:21	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
Benzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
Bromobenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
Bromochloromethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
Bromodichloromethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
Bromoform	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
Bromomethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
tert-Butanol (TBA)	ND		ug/L	10.0	10.0	1	06/26/18	06/26/18 18:21	WB
n-Butylbenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
sec-Butylbenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
tert-Butylbenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
Carbon tetrachloride	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
Chlorobenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
Chloroethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
Chloroform	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
Chloromethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
2-Chlorotoluene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
4-Chlorotoluene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
Dibromochloromethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
1,2-Dibromoethane (EDB)	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
Dibromomethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
1,2-Dichlorobenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
1,3-Dichlorobenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
1,4-Dichlorobenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
Dichlorodifluoromethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
1,1-Dichloroethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
1,2-Dichloroethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
1,1-Dichloroethene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
1,2-Dichloropropane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
1,3-Dichloropropane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB

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Rabecka Koons, Quality Assurance Officer

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

2173-DW-POST

8062212-12 (DRINKING WATER)
Sample Date: 06/20/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS) (continued)									
2,2-Dichloropropane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
1,1-Dichloropropene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
cis-1,3-Dichloropropene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
trans-1,3-Dichloropropene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
Diisopropyl ether (DIPE)	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
Ethylbenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
Hexachlorobutadiene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
Isopropylbenzene (Cumene)	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
4-Isopropyltoluene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
Methylene chloride	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
Naphthalene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
n-Propylbenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
Styrene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
Tetrachloroethene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
Toluene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
1,2,3-Trichlorobenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
1,1,1-Trichloroethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
1,1,2-Trichloroethane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
Trichloroethene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
1,2,3-Trichloropropane	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
1,2,4-Trimethylbenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
1,3,5-Trimethylbenzene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
Vinyl chloride	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
o-Xylene	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
m- & p-Xylenes	ND		ug/L	0.50	0.50	1	06/26/18	06/26/18 18:21	WB
Surrogate: 4-Bromofluorobenzene			*80-120*	*96 %*	*06/26/18*		*06/26/18 18:21*		
Surrogate: 1,2-Dichlorobenzene-d4			*80-120*	*96 %*	*06/26/18*		*06/26/18 18:21*		

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Rabecka Koons, Quality Assurance Officer

Analytical Results

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Baltimore MD 21227
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Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

GAC-EFF

8062212-13 (Nonpotable Water)
Sample Date: 06/20/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 20:58	GM
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/28/18	06/28/18 20:58	GM
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
Benzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
Bromobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
Bromochloromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
Bromodichloromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
Bromoform	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
Bromomethane	ND		ug/L	5.0	5.0	1	06/28/18	06/28/18 20:58	GM
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/28/18	06/28/18 20:58	GM
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 20:58	GM
n-Butylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
Carbon disulfide	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
Chlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
Chloroethane	ND		ug/L	5.0	5.0	1	06/28/18	06/28/18 20:58	GM
Chloroform	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
Chloromethane	ND		ug/L	5.0	5.0	1	06/28/18	06/28/18 20:58	GM
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
Dibromochloromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
Dibromomethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
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Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

GAC-EFF

8062212-13 (Nonpotable Water)
Sample Date: 06/20/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
Ethylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
2-Hexanone	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 20:58	GM
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 20:58	GM
Methylene chloride	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 20:58	GM
Naphthalene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
n-Propylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
Styrene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
Tetrachloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
Toluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
Trichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM

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Rabecka Koons, Quality Assurance Officer

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

GAC-EFF

8062212-13 (Nonpotable Water)
Sample Date: 06/20/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
o-Xylene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 20:58	GM
Surrogate: 1,2-Dichloroethane-d4			*75-120*	*96 %*		*06/28/18*	*06/28/18 20:58*		
Surrogate: Toluene-d8			*84-110*	*99 %*		*06/28/18*	*06/28/18 20:58*		
Surrogate: 4-Bromofluorobenzene			*78-110*	*94 %*		*06/28/18*	*06/28/18 20:58*		
GASOLINE RANGE ORGANICS BY EPA 8015B									
Gasoline-Range Organics	ND		ug/L	100	100	1	06/26/18	06/26/18 19:24	GM

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Rabecka Koons, Quality Assurance Officer

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

TB

8062212-14 (Nonpotable Water)
Sample Date: 06/18/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 21:21	GM
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/28/18	06/28/18 21:21	GM
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
Benzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
Bromobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
Bromochloromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
Bromodichloromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
Bromoform	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
Bromomethane	ND		ug/L	5.0	5.0	1	06/28/18	06/28/18 21:21	GM
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/28/18	06/28/18 21:21	GM
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 21:21	GM
n-Butylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
Carbon disulfide	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
Chlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
Chloroethane	ND		ug/L	5.0	5.0	1	06/28/18	06/28/18 21:21	GM
Chloroform	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
Chloromethane	ND		ug/L	5.0	5.0	1	06/28/18	06/28/18 21:21	GM
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
Dibromochloromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
Dibromomethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM

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Rabecka Koons, Quality Assurance Officer

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

TB

8062212-14 (Nonpotable Water)
Sample Date: 06/18/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
Ethylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
2-Hexanone	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 21:21	GM
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 21:21	GM
Methylene chloride	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 21:21	GM
Naphthalene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
n-Propylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
Styrene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
Tetrachloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
Toluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
Trichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM

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Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

TB

8062212-14 (Nonpotable Water)
Sample Date: 06/18/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
o-Xylene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:21	GM
Surrogate: 1,2-Dichloroethane-d4			*75-120*	*97 %*	*06/28/18*		*06/28/18 21:21*		
Surrogate: Toluene-d8			*84-110*	*99 %*	*06/28/18*		*06/28/18 21:21*		
Surrogate: 4-Bromofluorobenzene			*78-110*	*94 %*	*06/28/18*		*06/28/18 21:21*		

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Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
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Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

MW-7B

8062212-15 (Nonpotable Water)
Sample Date: 06/22/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 21:45	GM
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/28/18	06/28/18 21:45	GM
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
Benzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
Bromobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
Bromochloromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
Bromodichloromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
Bromoform	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
Bromomethane	ND		ug/L	5.0	5.0	1	06/28/18	06/28/18 21:45	GM
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/28/18	06/28/18 21:45	GM
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 21:45	GM
n-Butylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
Carbon disulfide	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
Chlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
Chloroethane	ND		ug/L	5.0	5.0	1	06/28/18	06/28/18 21:45	GM
Chloroform	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
Chloromethane	ND		ug/L	5.0	5.0	1	06/28/18	06/28/18 21:45	GM
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
Dibromochloromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
Dibromomethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM

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Rabecka Koons, Quality Assurance Officer

Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
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Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

MW-7B

8062212-15 (Nonpotable Water)
Sample Date: 06/22/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
Ethylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
2-Hexanone	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 21:45	GM
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 21:45	GM
Methylene chloride	ND		ug/L	10.0	10.0	1	06/28/18	06/28/18 21:45	GM
Naphthalene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
n-Propylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
Styrene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
Tetrachloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
Toluene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
Trichloroethene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM

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Rabecka Koons, Quality Assurance Officer

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

MW-7B

8062212-15 (Nonpotable Water)
Sample Date: 06/22/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
o-Xylene	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	06/28/18	06/28/18 21:45	GM
Surrogate: 1,2-Dichloroethane-d4			*75-120*	*98 %*		*06/28/18*	*06/28/18 21:45*		
Surrogate: Toluene-d8			*84-110*	*101 %*		*06/28/18*	*06/28/18 21:45*		
Surrogate: 4-Bromofluorobenzene			*78-110*	*95 %*		*06/28/18*	*06/28/18 21:45*		

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As a NELAP accredited laboratory, MSS can provide a certification list upon request.

Analytical Results

1500 Caton Center Dr Suite G
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www.mdspectral.com

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

DUPE

8062212-16RE1 (Nonpotable Water)
Sample Date: 06/22/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	50.0	50.0	5	07/03/18	07/03/18 13:13	GM
tert-Amyl alcohol (TAA)	ND		ug/L	100	100	5	07/03/18	07/03/18 13:13	GM
tert-Amyl methyl ether (TAME)	**47.1**		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
Benzene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
Bromobenzene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
Bromochloromethane	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
Bromodichloromethane	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
Bromoform	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
Bromomethane	ND		ug/L	25.0	25.0	5	07/03/18	07/03/18 13:13	GM
tert-Butanol (TBA)	**507**		ug/L	75.0	75.0	5	07/03/18	07/03/18 13:13	GM
2-Butanone (MEK)	ND		ug/L	50.0	50.0	5	07/03/18	07/03/18 13:13	GM
n-Butylbenzene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
sec-Butylbenzene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
tert-Butylbenzene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
Carbon disulfide	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
Carbon tetrachloride	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
Chlorobenzene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
Chloroethane	ND		ug/L	25.0	25.0	5	07/03/18	07/03/18 13:13	GM
Chloroform	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
Chloromethane	ND		ug/L	25.0	25.0	5	07/03/18	07/03/18 13:13	GM
2-Chlorotoluene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
4-Chlorotoluene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
Dibromochloromethane	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
1,2-Dibromo-3-chloropropane	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
1,2-Dibromoethane (EDB)	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
Dibromomethane	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
1,2-Dichlorobenzene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
1,3-Dichlorobenzene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
1,4-Dichlorobenzene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
Dichlorodifluoromethane	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
1,1-Dichloroethane	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
1,2-Dichloroethane	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
1,1-Dichloroethene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
cis-1,2-Dichloroethene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM

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Rabecka Koons, Quality Assurance Officer

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

DUPE

8062212-16RE1 (Nonpotable Water)
Sample Date: 06/22/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
Dichlorofluoromethane	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
1,2-Dichloropropane	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
1,3-Dichloropropane	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
2,2-Dichloropropane	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
1,1-Dichloropropene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
cis-1,3-Dichloropropene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
trans-1,3-Dichloropropene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
Diisopropyl ether (DIPE)	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
Ethyl tert-butyl ether (ETBE)	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
Ethylbenzene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
Hexachlorobutadiene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
2-Hexanone	ND		ug/L	50.0	50.0	5	07/03/18	07/03/18 13:13	GM
Isopropylbenzene (Cumene)	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
4-Isopropyltoluene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
Methyl tert-butyl ether (MTBE)	**734**		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
4-Methyl-2-pentanone	ND		ug/L	50.0	50.0	5	07/03/18	07/03/18 13:13	GM
Methylene chloride	ND		ug/L	50.0	50.0	5	07/03/18	07/03/18 13:13	GM
Naphthalene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
n-Propylbenzene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
Styrene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
1,1,1,2-Tetrachloroethane	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
1,1,2,2-Tetrachloroethane	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
Tetrachloroethene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
Toluene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
1,2,3-Trichlorobenzene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
1,2,4-Trichlorobenzene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
1,1,1-Trichloroethane	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
1,1,2-Trichloroethane	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
Trichloroethene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
Trichlorofluoromethane (Freon 11)	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
1,2,3-Trichloropropane	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
1,2,4-Trimethylbenzene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
1,3,5-Trimethylbenzene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM

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Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

DUPE

8062212-16RE1 (Nonpotable Water)
Sample Date: 06/22/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
o-Xylene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
m- & p-Xylenes	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:13	GM
Surrogate: 1,2-Dichloroethane-d4			*75-120*	*95 %*		*07/03/18*	*07/03/18 13:13*		
Surrogate: Toluene-d8			*84-110*	*98 %*		*07/03/18*	*07/03/18 13:13*		
Surrogate: 4-Bromofluorobenzene			*78-110*	*95 %*		*07/03/18*	*07/03/18 13:13*		

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Analytical Results

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

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

Reported:
07/03/18 15:46

LOT 7 WELL

8062212-17RE1 (Nonpotable Water)
Sample Date: 06/22/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	50.0	50.0	5	07/03/18	07/03/18 13:37	GM
tert-Amyl alcohol (TAA)	ND		ug/L	100	100	5	07/03/18	07/03/18 13:37	GM
tert-Amyl methyl ether (TAME)	**44.3**		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
Benzene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
Bromobenzene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
Bromochloromethane	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
Bromodichloromethane	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
Bromoform	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
Bromomethane	ND		ug/L	25.0	25.0	5	07/03/18	07/03/18 13:37	GM
tert-Butanol (TBA)	**470**		ug/L	75.0	75.0	5	07/03/18	07/03/18 13:37	GM
2-Butanone (MEK)	ND		ug/L	50.0	50.0	5	07/03/18	07/03/18 13:37	GM
n-Butylbenzene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
sec-Butylbenzene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
tert-Butylbenzene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
Carbon disulfide	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
Carbon tetrachloride	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
Chlorobenzene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
Chloroethane	ND		ug/L	25.0	25.0	5	07/03/18	07/03/18 13:37	GM
Chloroform	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
Chloromethane	ND		ug/L	25.0	25.0	5	07/03/18	07/03/18 13:37	GM
2-Chlorotoluene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
4-Chlorotoluene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
Dibromochloromethane	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
1,2-Dibromo-3-chloropropane	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
1,2-Dibromoethane (EDB)	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
Dibromomethane	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
1,2-Dichlorobenzene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
1,3-Dichlorobenzene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
1,4-Dichlorobenzene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
Dichlorodifluoromethane	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
1,1-Dichloroethane	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
1,2-Dichloroethane	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
1,1-Dichloroethene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
cis-1,2-Dichloroethene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM

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Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

LOT 7 WELL

8062212-17RE1 (Nonpotable Water)
Sample Date: 06/22/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
Dichlorofluoromethane	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
1,2-Dichloropropane	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
1,3-Dichloropropane	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
2,2-Dichloropropane	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
1,1-Dichloropropene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
cis-1,3-Dichloropropene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
trans-1,3-Dichloropropene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
Diisopropyl ether (DIPE)	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
Ethyl tert-butyl ether (ETBE)	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
Ethylbenzene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
Hexachlorobutadiene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
2-Hexanone	ND		ug/L	50.0	50.0	5	07/03/18	07/03/18 13:37	GM
Isopropylbenzene (Cumene)	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
4-Isopropyltoluene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
Methyl tert-butyl ether (MTBE)	**713**		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
4-Methyl-2-pentanone	ND		ug/L	50.0	50.0	5	07/03/18	07/03/18 13:37	GM
Methylene chloride	ND		ug/L	50.0	50.0	5	07/03/18	07/03/18 13:37	GM
Naphthalene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
n-Propylbenzene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
Styrene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
1,1,1,2-Tetrachloroethane	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
1,1,2,2-Tetrachloroethane	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
Tetrachloroethene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
Toluene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
1,2,3-Trichlorobenzene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
1,2,4-Trichlorobenzene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
1,1,1-Trichloroethane	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
1,1,2-Trichloroethane	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
Trichloroethene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
Trichlorofluoromethane (Freon 11)	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
1,2,3-Trichloropropane	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
1,2,4-Trimethylbenzene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
1,3,5-Trimethylbenzene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM

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

Analytical Results

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

Project: LITTLE GEORGE'S DELI

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

Reported:
07/03/18 15:46

LOT 7 WELL

8062212-17RE1 (Nonpotable Water)
Sample Date: 06/22/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
o-Xylene	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
m- & p-Xylenes	ND		ug/L	25.0	10.0	5	07/03/18	07/03/18 13:37	GM
Surrogate: 1,2-Dichloroethane-d4			*75-120*	*96 %*		*07/03/18*	*07/03/18 13:37*		
Surrogate: Toluene-d8			*84-110*	*98 %*		*07/03/18*	*07/03/18 13:37*		
Surrogate: 4-Bromofluorobenzene			*78-110*	*94 %*		*07/03/18*	*07/03/18 13:37*		

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

Analytical Results

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

Project: LITTLE GEORGE'S DELI

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:
07/03/18 15:46

Notes and Definitions

J	Detected but below the reporting limit; therefore, result is an estimated concentration (CLP J-Flag).
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate (CLP E-flag).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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

CHAIN-OF-CUSTODY RECORD

Company Name: Chesapeake GeoSciences, Inc.

Project Manager: Kevin Howard

Project Name: Little George's Deli & Gas
Case No. **2007-0096-CL**

Project ID: CG080348

Sampler(s): Devin Glancey & Kevin Howard

P.O. Number: CG080348KH

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

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

Analysis Requested

Field Sample ID	Date	Time	Water	Soil	Other	No. of Containers	VOCs via EPA 8260	VOCs 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
H-4A	6/21/18	9:05	X			3	X			HCL+4°C		80622121-01
MW-3	6/21/18	10:05	X			3	X					-02
FB	6/21/18	8:45	X			3	X					-03
MW-5	6/21/18	11:05	X			3	X					-04
MW-1A	6/21/18	12:20	X			3	X					-05
MW-1	6/21/18	13:15	X			3	X					-06
MW-7R	6/21/18	14:40	X			3	X					-07
MW-7A	6/21/18	15:40	X			3	X					-08
2040-DW	6/20/18	14:15	X			3		X				-09
2173-DW-PRE	6/20/18	13:00	X			3		X				-10
2173-DW-MID	6/20/18	13:10	X			3		X				-11
2173-DW-POST	6/20/18	13:20	X			3		X				-12
GAC-EFF	6/20/18	11:25	X			3	X		X			-13

Relinquished by: (Signature) Devin Glancey
(Printed) Devin Glancey

Date/Time 6/22/18 15:28

Received by Lab: (Signature) Rachel Horner
(Printed) Rachel Horner

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: 4.2 °C
- ☐ Received on Ice
- ☐ Received same day
- ☐ Preservation Appropriate

Delivery Method:
- ☐ Courier
- X Client
- ☐ UPS
- ☐ FedEx
- ☐ USPS
- ☐ Other: _____

Special Instructions/QC Requirements & Comments:

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

MSS-F001-03/13

CHAIN-OF-CUSTODY RECORD

Company Name: Chesapeake GeoSciences, Inc.

Project Manager: Kevin Howard

Project Name: Little George's Deli & Gas
Case No. **2007-0096-CL**

Project ID: CG080348

Sampler(s): Devin Glancey & Kevin Howard

P.O. Number: CG080348KH

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

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

Analysis Requested

Field Sample ID	Date	Time	Water	Soil	Other	No. of Containers	VOCs via EPA 8260	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
TB	6/18/18	09:00	X			3	X	HCL +4°C		8062212-14
MW-7B	6/22/18	11:45	X			3	X	↓		-15
Dupe	6/22/18	00:00	X			3	X			-16
Lot 7 Well	6/22/18	13:20	X			3	X			-17

Relinquished by: *(Signature)* Devin Glancey
(Printed) Devin Glancey

Date/Time 6/22/18 15:28

Received by Lab: *(Signature)* Rachel H
(Printed) Rachel Horner

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: 4.2°C
- ☐ Received on Ice
- ☐ Received same day
- ☐ Preservation Appropriate

Delivery Method:
- Courier
- X Client
- UPS
- FedEx
- USPS
- Other: _____

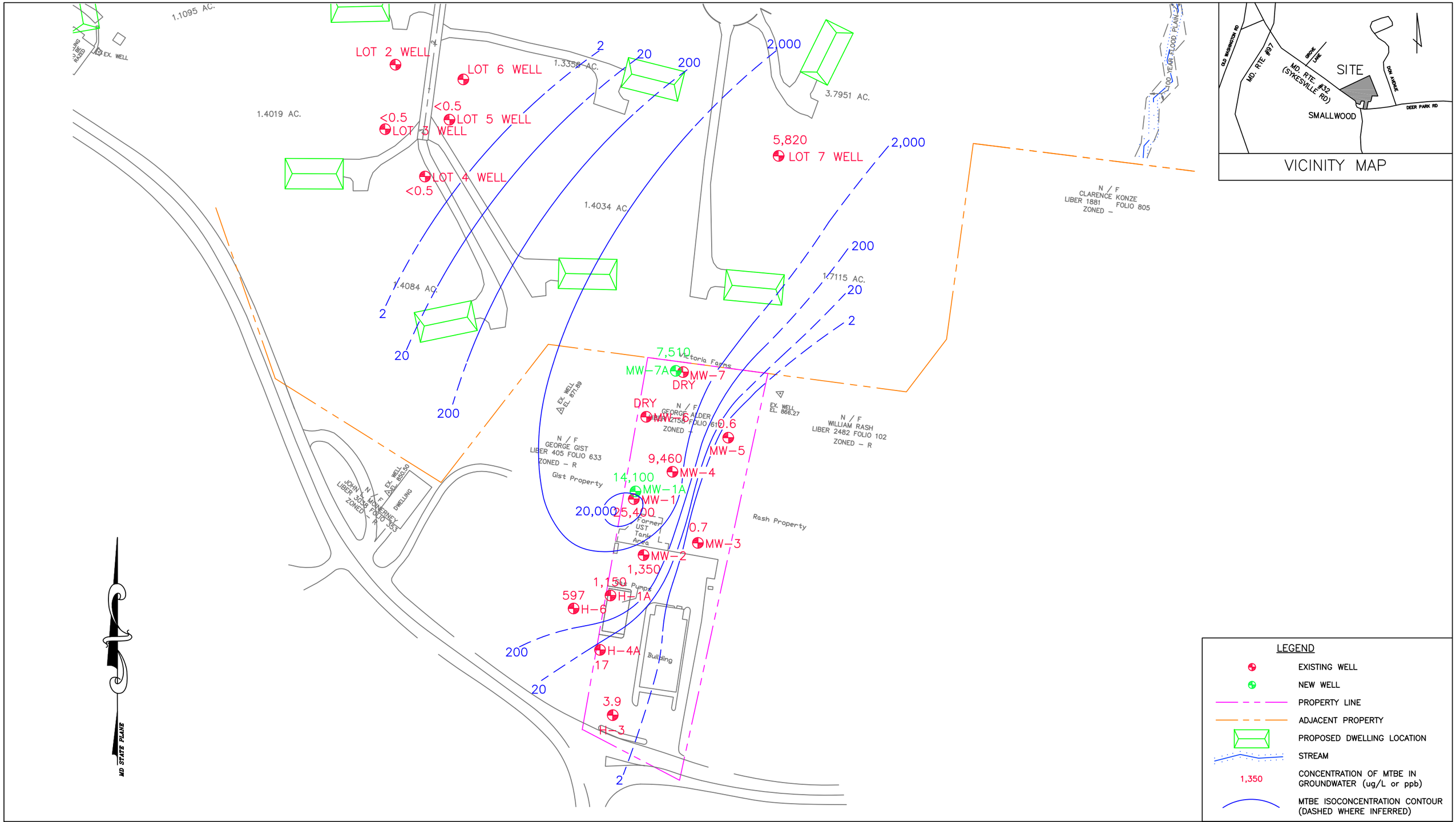
Special Instructions/QC Requirements & Comments:

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

MSS-F001-03/13

ATTACHMENT C

PRIOR MTBE ISOCONCENTRATION MAPS

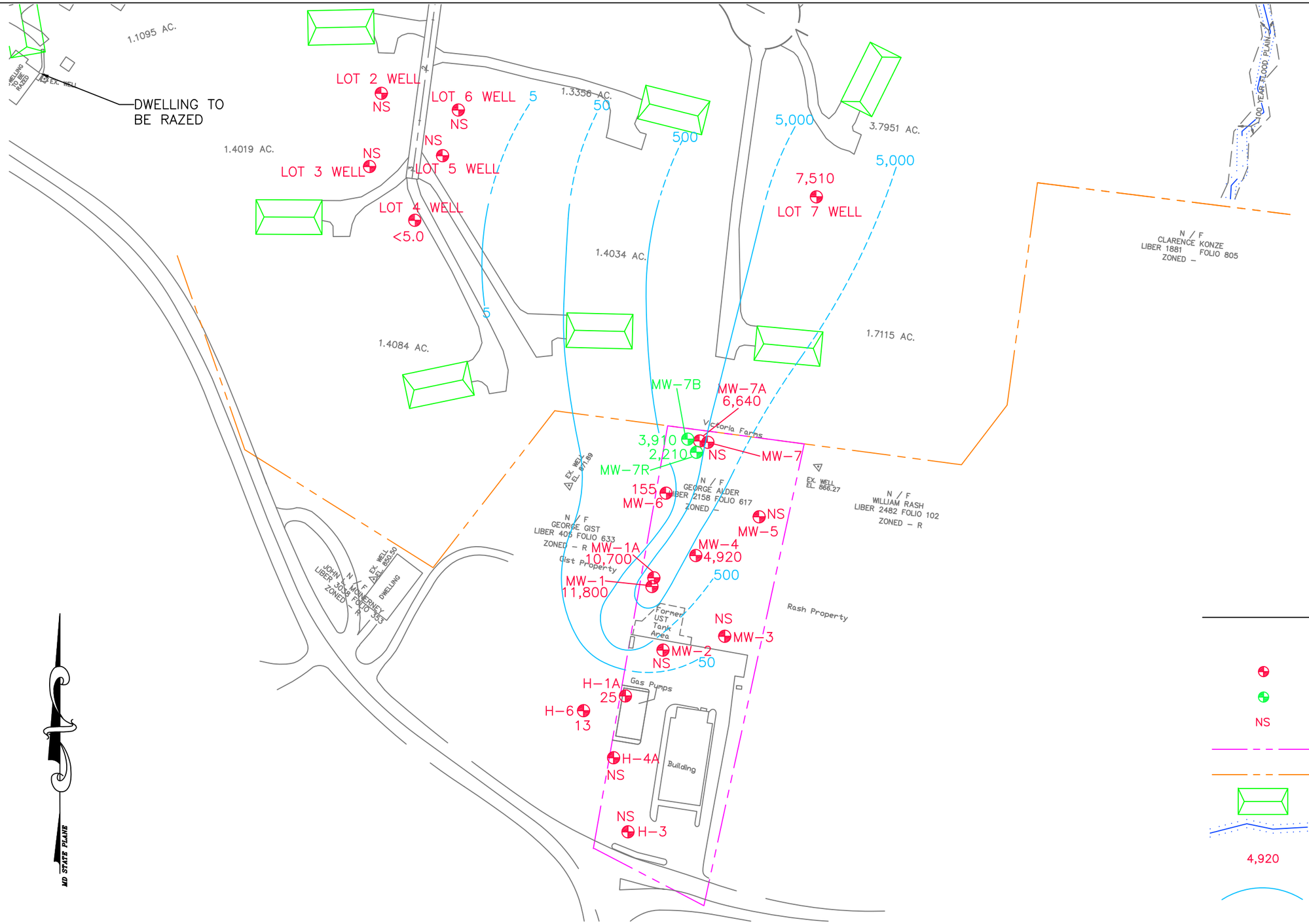


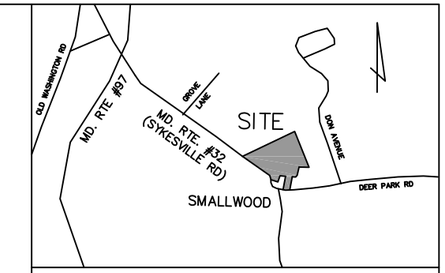
Drawn By:	Date:
Mike Walsh	09/24/08
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 100'	

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





VICINITY MAP

LEGEND

- EXISTING WELL
- NEW WELL (2009)
- NS — NOT SAMPLED
- PROPERTY LINE
- ADJACENT PROPERTY
- PROPOSED DWELLING LOCATION
- STREAM
- 4,920 — CONCENTRATION OF MTBE IN GROUNDWATER (ug/L or ppb)
- MTBE ISOCONCENTRATION CONTOUR (DASHED WHERE INFERRED)

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

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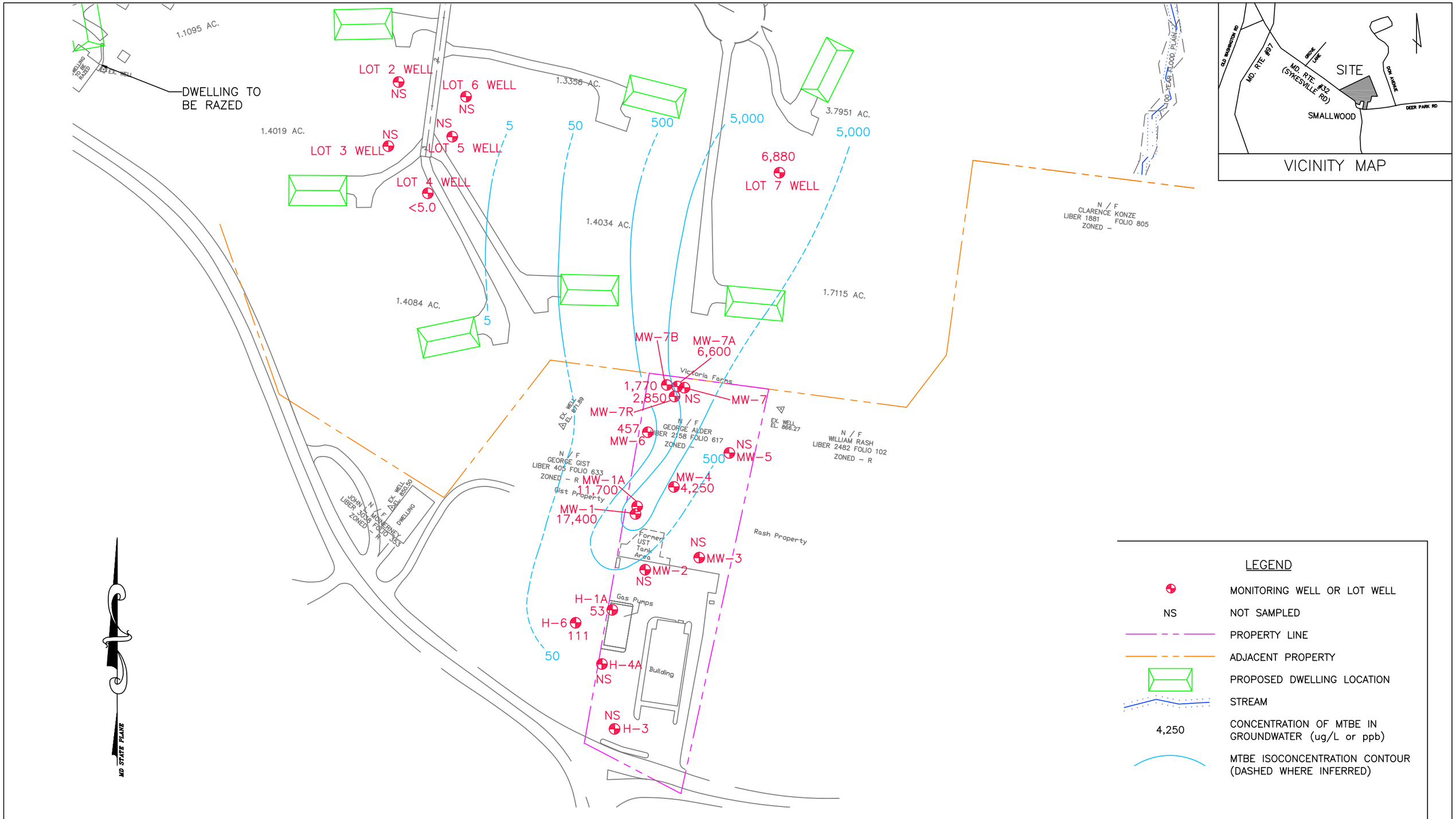
5405 Twin Knolls Road, Suite 1
Columbia, Md 21045
Phone (410) 740-1911
Fax (410) 740-3299

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'	

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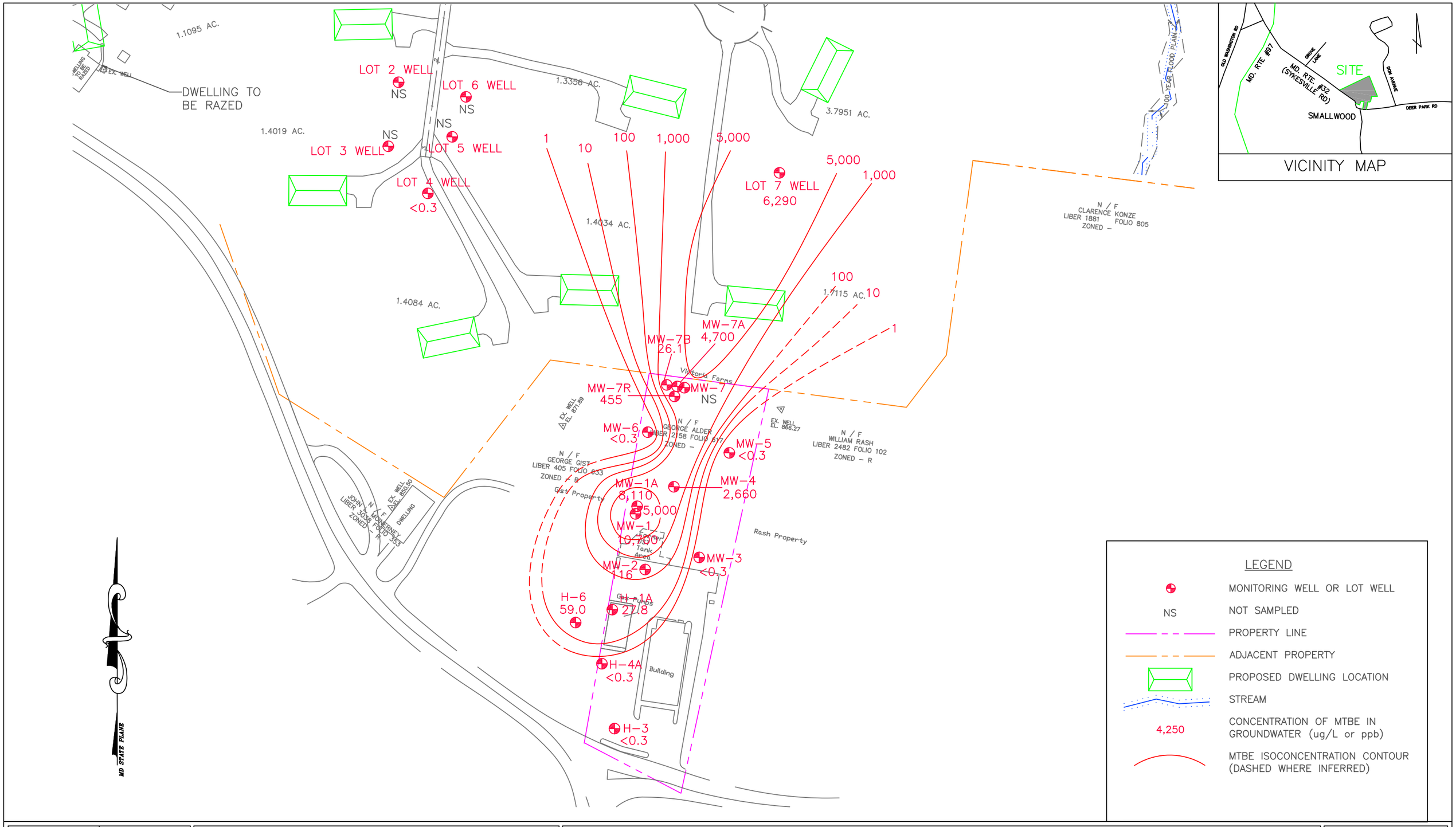
5405 Twin Knolls Road, Suite 1
Columbia, Md 21045
Phone (410) 740-1911
Fax (410) 740-3299

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'	

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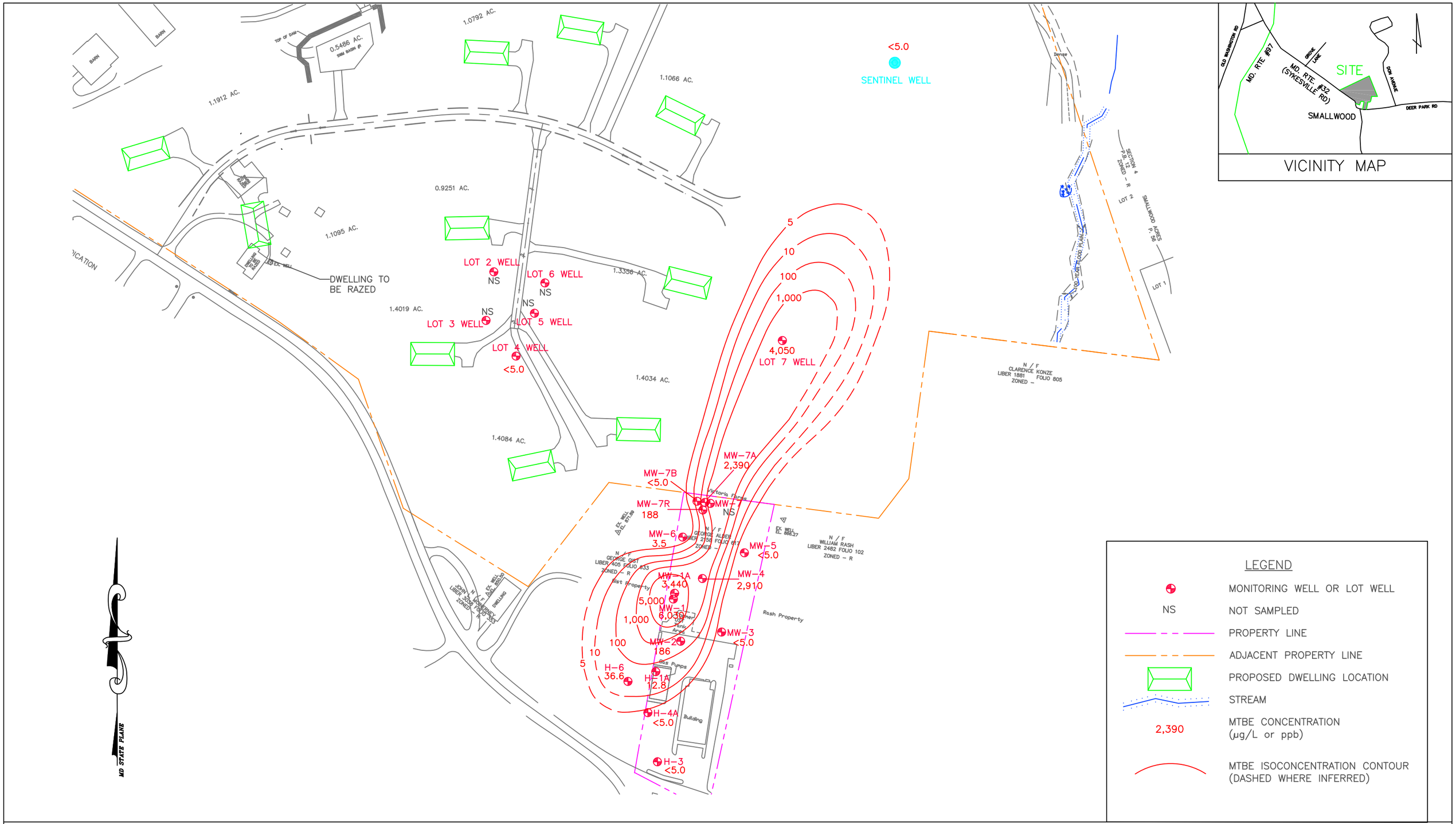
Columbia, Md 21045
Phone (410) 740-1911
Fax (410) 740-3299

MTBE ISOCONCENTRATION MAP - APRIL 24-27, 2012

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

Figure 4



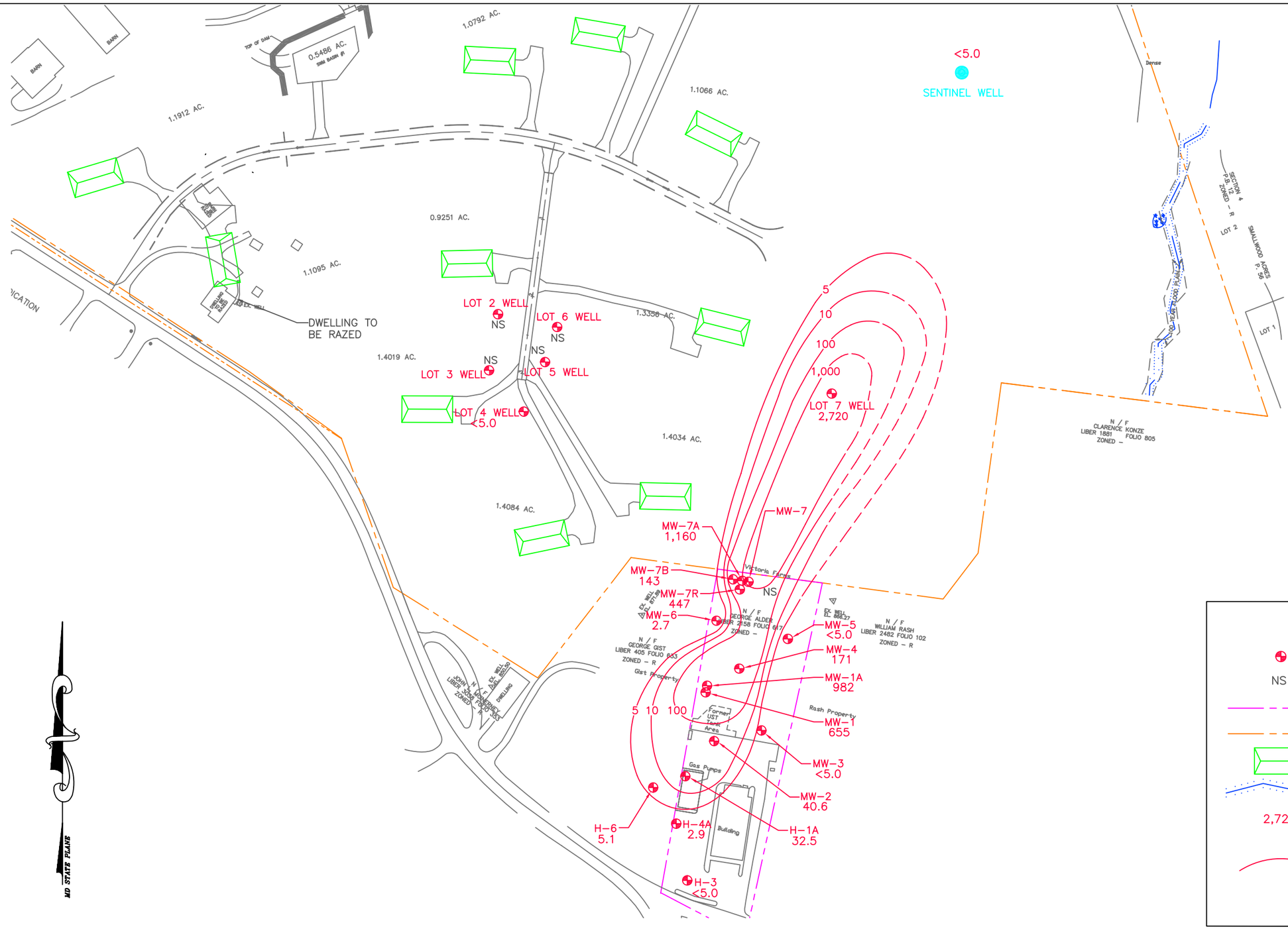
Drawn By:	Date:
MS & LB	07/15/13
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 130'	

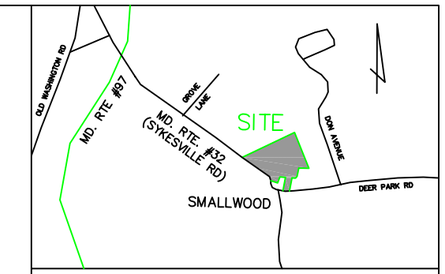
CGS Chesapeake GeoSciences, Inc.

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

MTBE ISOCONCENTRATION MAP - JUNE 2013
602 Deer Park Road and 2139 Sykesville Road
Westminster, MD 21157

Figure 4





VICINITY MAP

LEGEND

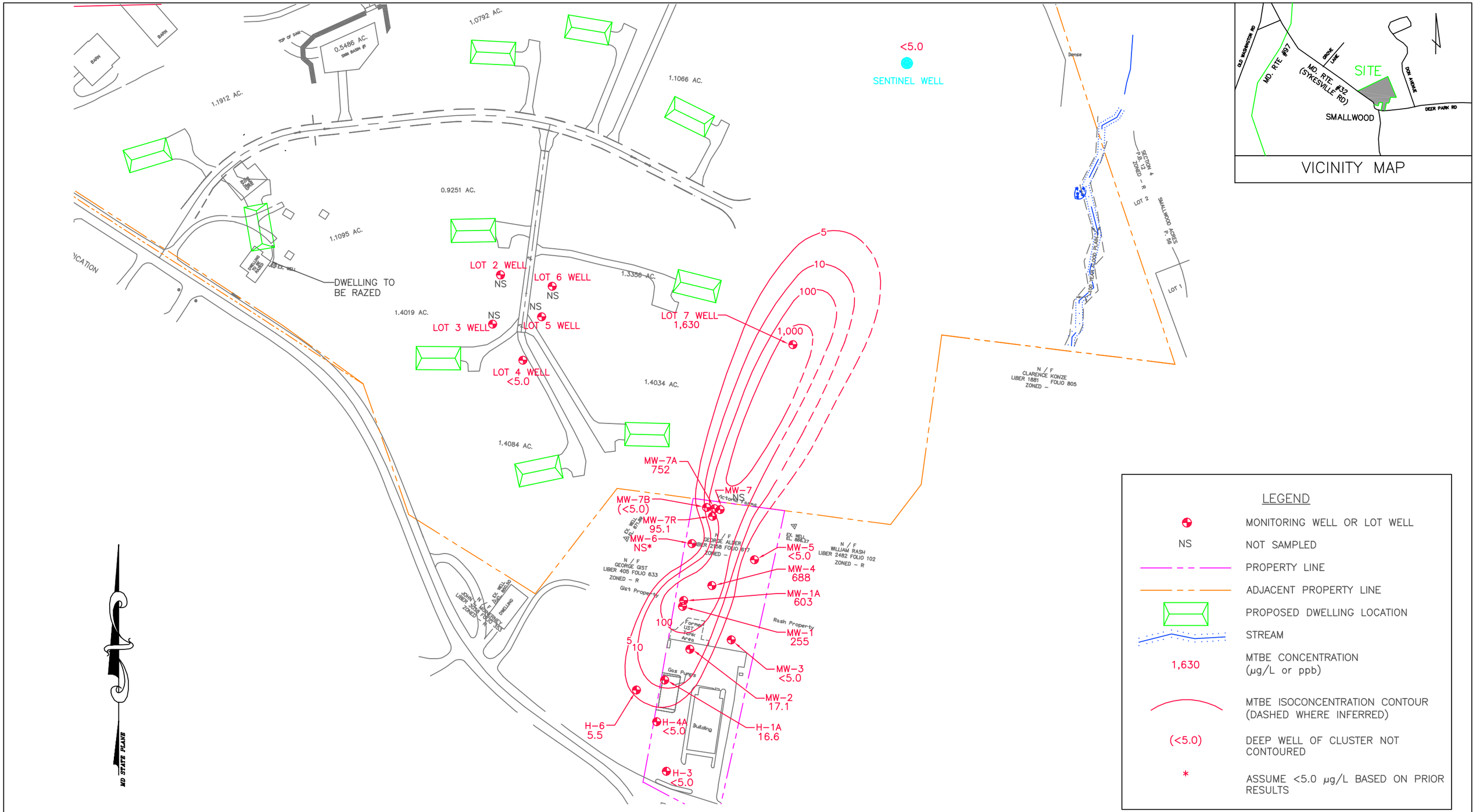
- MONITORING WELL OR LOT WELL
- NS — NOT SAMPLED
- PROPERTY LINE
- ADJACENT PROPERTY LINE
- PROPOSED DWELLING LOCATION
- STREAM
- 2,720 — MTBE CONCENTRATION (µg/L or ppb)
- MTBE ISOCONCENTRATION CONTOUR (DASHED WHERE INFERRED)

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

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

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

Figure 4-1



LEGEND

●	MONITORING WELL OR LOT WELL
NS	NOT SAMPLED
	PROPERTY LINE
	ADJACENT PROPERTY LINE
	PROPOSED DWELLING LOCATION
	STREAM
1,630	MTBE CONCENTRATION (µg/L or ppb)
	MTBE ISOCONCENTRATION CONTOUR (DASHED WHERE INFERRED)
(<5.0)	DEEP WELL OF CLUSTER NOT CONTOURED
*	ASSUME <5.0 µg/L BASED ON PRIOR RESULTS

Drawn By:	Date:
MRW	01/13/16
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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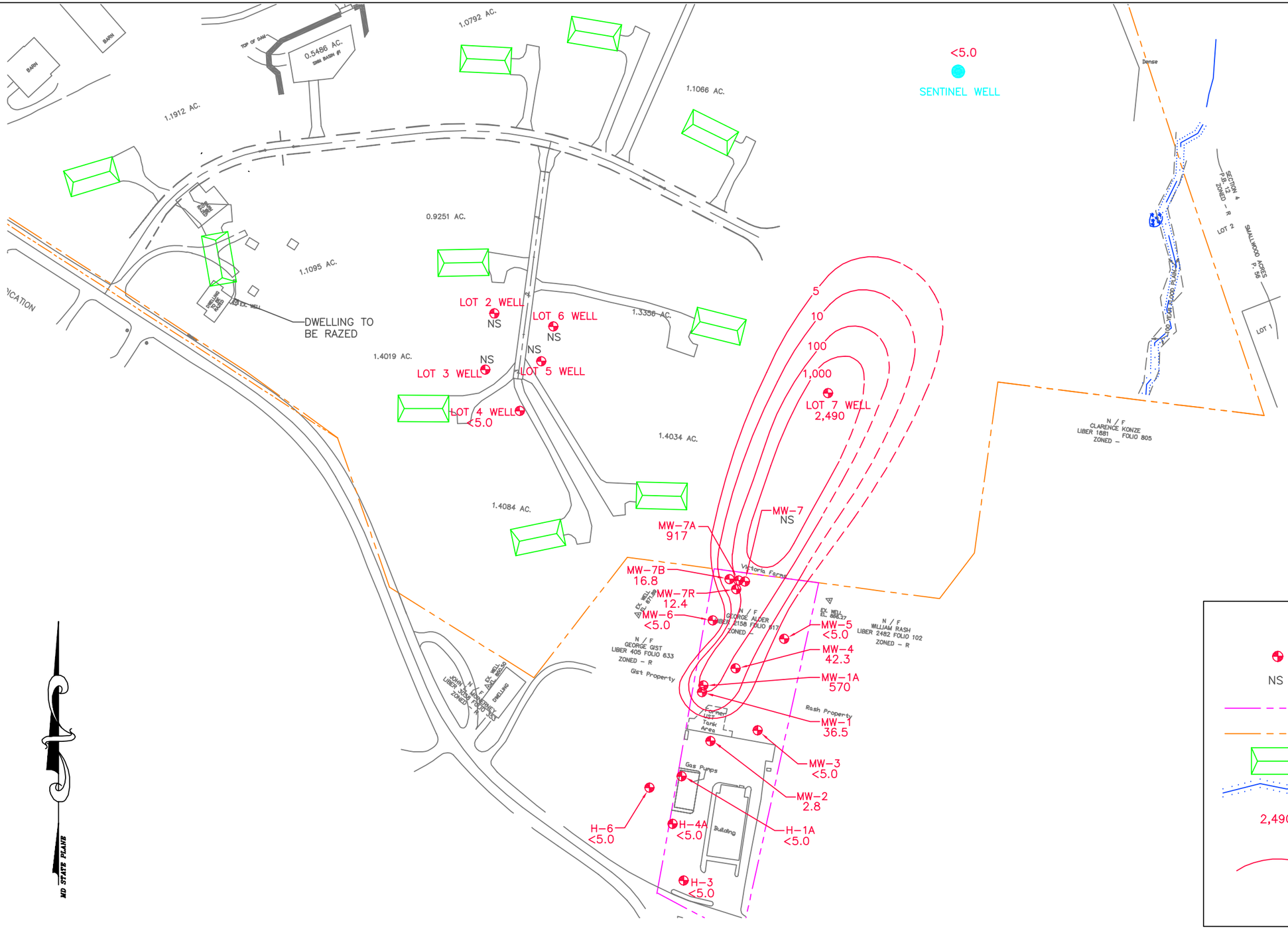
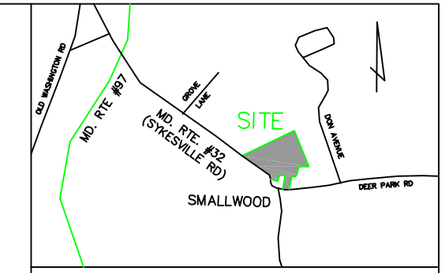
Fax (410) 740-3299

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

Figure 4-2





VICINITY MAP

LEGEND

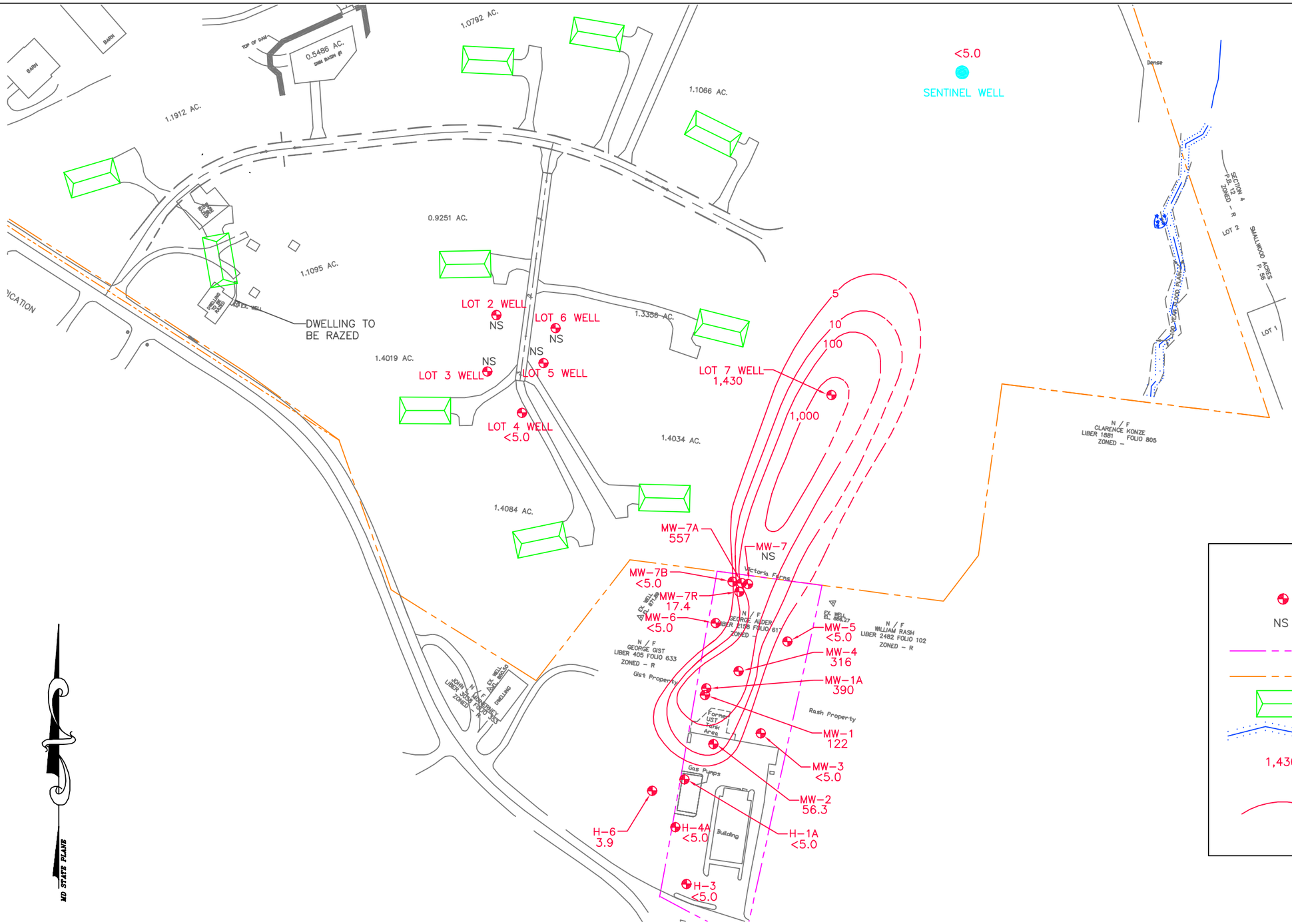
- MONITORING WELL OR LOT WELL
- NS — NOT SAMPLED
- PROPERTY LINE
- ADJACENT PROPERTY LINE
- PROPOSED DWELLING LOCATION
- STREAM
- 2,490 — MTBE CONCENTRATION (µg/L or ppb)
- MTBE ISOCONCENTRATION CONTOUR (DASHED WHERE INFERRED)

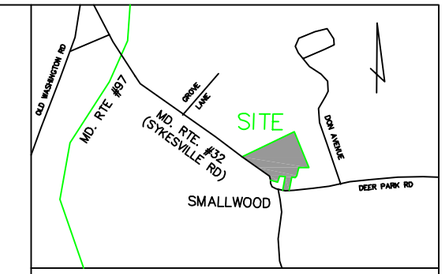
Drawn By:	Date:
MRW	04/13/2016
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 130'	

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

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'	

CGS Chesapeake GeoSciences, Inc.
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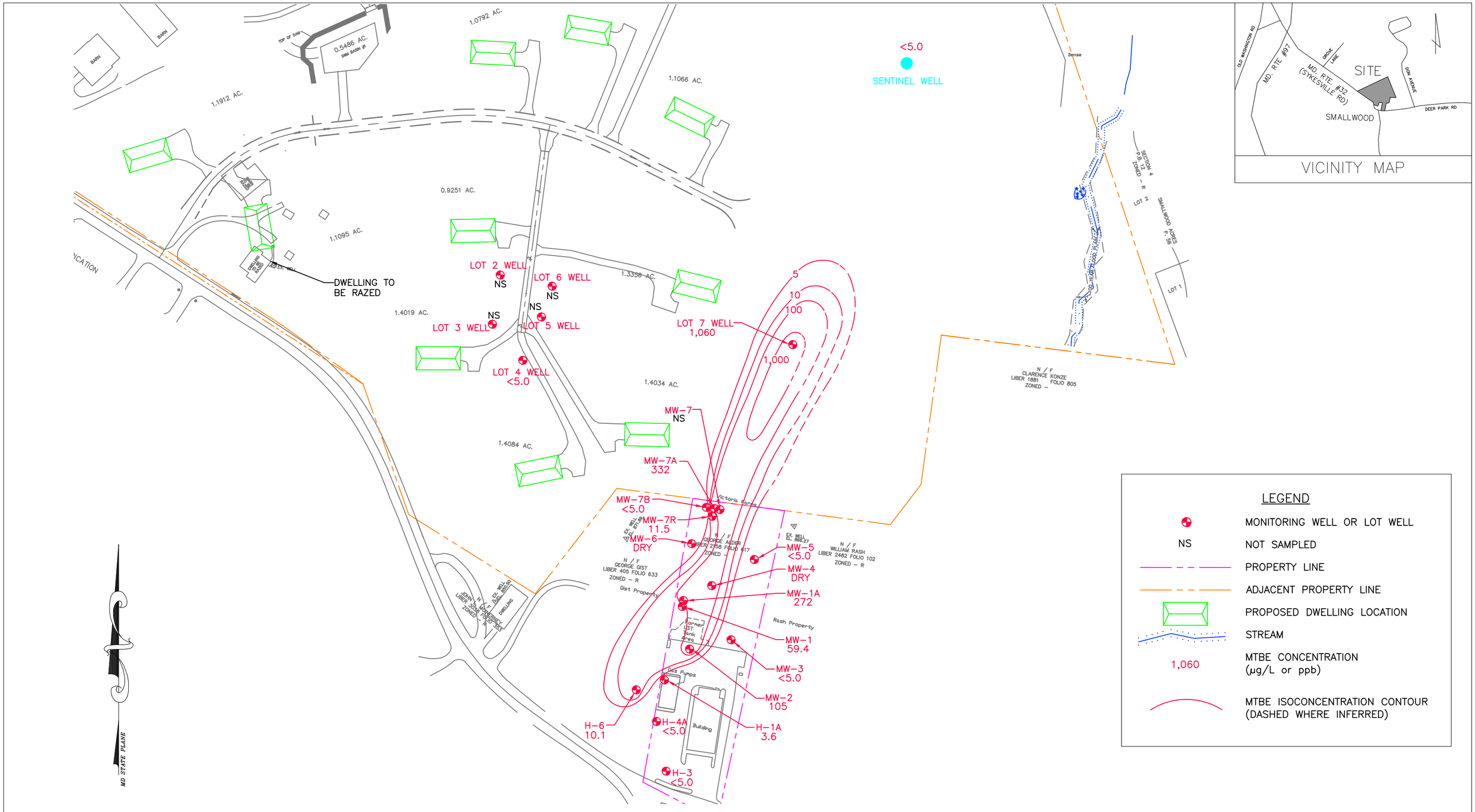
Columbia, Md 21045
Phone (410) 740-1911
Fax (410) 740-3299

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

Figure 4-4



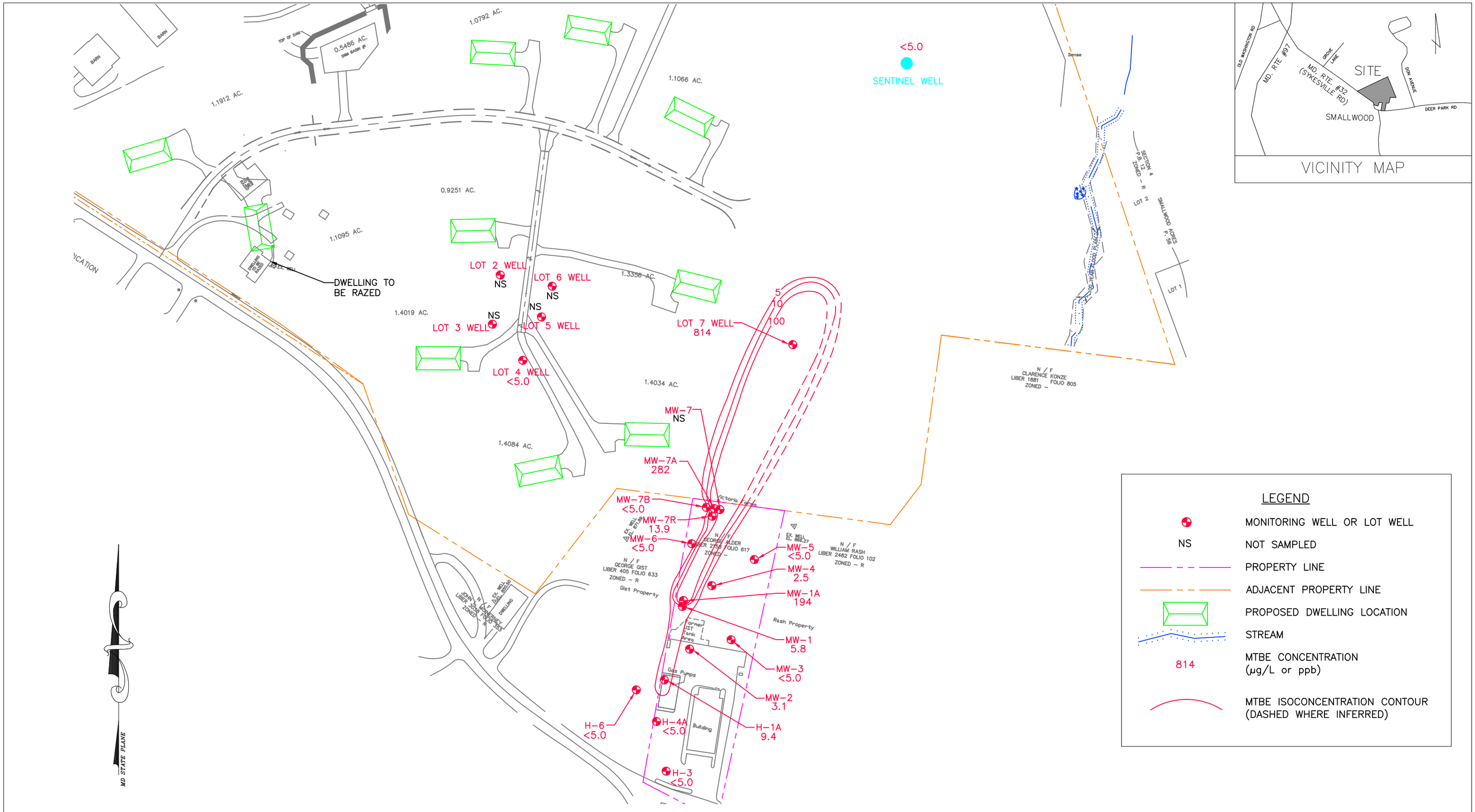
Drawn By:	Date:
MRW	12/20/2017
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 130'	

CGS Chesapeake GeoSciences, Inc.

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

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'	

CGS Chesapeake GeoSciences, Inc.

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

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

Figure 4