

January 24, 2019

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

RE: **December 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 December 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**).

## **1.0 FIELD INVESTIGATION - METHODOLOGY AND FIELD OBSERVATIONS**

### **1.1 Monitoring Well Gauging and Sampling**

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

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

#### **1.1.1 Monitoring Well Gauging and Sampling**

CGS gauged all 17 of the monitoring wells on December 3, 2018. The wells were gauged to determine the depth to groundwater using an electronic interface probe. Well gauging data are presented in **Table 1**.

### 1.1.2 Monitoring Well Gauging and Sampling

CGS sampled 12 of the monitoring wells on December 3 through December 6, 2018 (i.e., all of the wells with the exception of H-3, H-4A, MW-3, MW-5, and the Lot 4 Well). The wells were purged before samples were collected according to low-flow methodology using a Proactive Hurricane 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.

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

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

The groundwater, QA/QC, and water treatment system samples were packaged in iced coolers and delivered with accompanying chain-of-custody forms to Maryland Spectral Services (MSS) in Baltimore, Maryland. 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 December 3 and 5, 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 approximately 10 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 December 3, 2018 were progressively higher than those recorded on June 18, 2018, March 19, 2018, and November 13, 2017. Groundwater levels recorded on December 3, 2018 ranged from approximately 8 feet to more than 29 feet higher than the levels recorded on November 13, 2017. The highest increased groundwater levels (ranging from 26.3 feet to more than 29.3 feet) were measured in H-1A, H-6, MW-1, MW-1A, MW-2, MW-4, and MW-6. 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 December 3, 2018 is similar to the pattern of groundwater levels recorded on June 18, 2018 and 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 fairly flat groundwater flow gradient in the central portion of the Property.

### 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 [ $\mu\text{g/L}$  or parts per billion (ppb)]. Concentrations for detected analytes are shown in the tables in bold text. Method Reporting Limits (MRLs) for analytes that were not detected in a particular sample are shown in **Tables 2, 3, and 4** in gray text and qualified with a “U” or a “<”, respectively. Any analyte detected at a concentration above the Method Detection Limit (MDL), but below the MRL is presented in the tables with a “J” qualifier, indicating that the result is considered an estimated concentration. The laboratory reports and chain-of-custody documentation are included in **Attachment B**.

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

#### 2.2.1 Groundwater Sampling Results

Twelve (12) wells were sampled during the December 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 four of the 12 wells (i.e., MW-1, MW-1A, MW-7A, and the Lot 7 Well). 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-6, MW-2, MW-4, MW-6, MW-7B, MW-7R, and the Sentinel Well. No VOCs were detected in the equipment rinsate blank (GDG-EFB) or the trip blank (GDG-TB).

MTBE was detected in the groundwater samples from four wells (i.e., MW-1, MW-1A, MW-7A, and the Lot 7 Well) at concentrations ranging from 9.3 to 372 µg/L. Two of these wells (MW-1A and the Lot 7 Well) had MTBE concentrations that exceeded its MDE Groundwater Standard (20 µg/L). The groundwater sample with the highest MTBE concentration was collected from the Lot 7 Well (372 µg/L). MW-1A had a MTBE concentration of 82.2 µg/L.

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. Note that historic data from MW-5 and the Lot 4 Well (i.e., all non-detects) were used as control data for the isoconcentration map.

### 2.2.2 Drinking Water Sampling Results

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

MTBE was detected in the sample collected from the Site (0.58 µg/L) and from 2040 Don Avenue (1.78 µg/L) at concentrations below the MDE Groundwater Standard (20 µg/L). No other VOCs were detected in these samples, and no VOCs were detected in the pre-, mid-, 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 second of the 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 December 2018 MTBE analytical data is presented in **Figure 4**. Isoconcentration maps generated from the MTBE analytical data collected between September 2008 and June 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), 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, and in four of these seven wells during the December 2018 sampling event (in the following order: the Lot 7 Well, MW-1A, MW-7A, and MW-1). MTBE has not been detected in MW-7B since the February 2016 sampling event. MTBE has not been detected in MW-4 or MW-7R since the March 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**.

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

- 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 December 2018 concentrations range from non-detect to only 0.58% of the peak concentrations.
- The MTBE concentration in one of these wells (the Lot 7 Well) has demonstrated a marked decrease where the December 2018 concentration is 5.0% of the peak concentration.

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

- MTBE concentrations in these four wells (MW-2, H-1A, H-6, and MW-6) have decreased below the MTBE MRL (5 µg/L) as well as below the MTBE MDL (2 µg/L) for EPA Method 8260.

Four wells with peak MTBE concentrations below 20 µg/L

- 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. MTBE was last detected in one of these wells in August 2015. These four wells and the Lot 4 Well were eliminated from sampling as of December 2018.

**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	December 2018 MTBE Concentration (µg/L)	% Remaining (December 2018 Concentration/Peak Concentration)
MW-1	25,400	9/2008	2.4	0.009%
MW-1A	14,100	9/2008	82.2	0.58%
MW-4	9,460	9/2008	Non-detect	-
MW-7A	7,510	9/2008	9.3	0.12%
Lot 7 Well	7,510	12/2009	372	5.0%
MW-7B	3,910	12/2009	Non-detect	-
MW-7R	2,990	4/2010	Non-detect	-
MW-2	1,350	9/2008	Non-detect	-
H-1A	1,150	9/2008	Non-detect	-
H-6	597	9/2008	Non-detect	-
MW-6	457	5/2010	Non-detect	-
H-4A	17	9/2008	Not Sampled	-
H-3	3.9	9/2008	Not Sampled	-
MW-3	0.7	9/2008	Not Sampled	-
MW-5	0.6	9/2008	Not Sampled	-
Lot 4 Well	Non-detect	-	Not Sampled	-
Sentinel Well	Non-detect	-	Non-detect	-

The isoconcentration maps included in **Figure 4** and in **Attachment C** demonstrate that the lateral extent of the MTBE groundwater contamination plume, detected in the groundwater monitoring wells at concentrations above 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 0.58%) and somewhat less rapidly in the well on the Adjacent Property (the Lot 7 Well where the % remaining is 5.0%). This variation is depicted upon comparison of the isoconcentration maps prepared using the data collected between June 2013 and December 2018 (**Attachment C, pages 5 through 12 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 December 2018; whereas the lateral extent of the MTBE groundwater contamination plume on the Adjacent Property has decreased to a lesser but still notably significant degree since June 2013.

### 3.2 Drinking Water Sample Analytical Data Evaluation

#### 602 Deer Park Road (On-Site)

MTBE was detected in the non-treated sink samples collected from the Site on December 3, 2018 (0.58 µg/L) (**Table 3**), on June 19, 2018 (0.86 µg/L), 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 December 2018, 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 December 2018 sampling event, 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 June 2018 and December 2018 samples collected from 2040 Don Avenue at concentrations of 0.77 µg/L and 1.78 µg/L. As shown in **Table C**, these concentrations represent a slight increase from the previously stabilized level, but continues to be well below the MDE Groundwater Standard (20 µg/L). These increased MTBE concentrations are attributed to the unusually high groundwater levels present at the Site in June 2018 and December 2018.

**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	
12/5/18	1.78	1.78	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 95% 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 since the last sampling event performed in June 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 December 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 December 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 fairly flat groundwater flow gradient in the central portion of the Property.

- MTBE, the primary COC at the Site, was detected at concentrations exceeding its MDE Groundwater Standard in two of the 12 sampled monitoring wells during the December 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 notably significant 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 December 2018 Sampling Event in conjunction with prior site data which document that remediation by natural attenuation is occurring at the Site, CGS recommends the following:

- Country Side Trust request approval from MDE to further 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)	December 2018 MTBE Concentration (µg/L)	% Remaining (December 2018 Concentration/Peak Concentration)	Recommended for Continued Sampling? (Rationale)
MW-1	25,400	2.4	0.009%	No (3)
MW-1A	14,100	82.2	0.58%	Yes (1)
MW-4	9,460	Non-detect	-	No (3)
MW-7A	7,510	9.3	0.12%	Yes (1)
Lot 7 Well	7,510	372	5.0%	Yes (1)
MW-7B	3,910	Non-detect	-	No (3)
MW-7R	2,990	Non-detect	-	No (3)
MW-2	1,350	Non-detect	-	No (3)
H-1A	1,150	Non-detect	-	No (3)
H-6	597	Non-detect	-	No (3)
MW-6	457	Non-detect	-	No (3)
H-4A	17	Not Sampled	-	Already Eliminated
H-3	3.9	Not Sampled	-	Already Eliminated
MW-3	0.7	Not Sampled	-	Already Eliminated
MW-5	0.6	Not Sampled	-	Already Eliminated
Lot 4 Well	Non-detect	Not Sampled	-	Already Eliminated
Sentinel Well	Non-detect	Non-detect	-	Yes (2)

- 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.
- The Sentinel Well is recommended for continued sampling to monitor the potential for impact to residential wells located on Don Avenue.
- 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 are not recommended for continued sampling: H-1A, H-6, MW-1, MW-2, MW-4, MW-6, MW-7R, and MW-7B.

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.

- Consistent with the October 12, 2018 correspondence received from MDE-OCP:
  - Perform groundwater sampling on a semi-annual basis in June and December with semi-annual reporting;
  - Gauge all 17 of the wells (June and December);
  - Sample the drinking water supplies at the Site, 2173 Sykesville Road, and 2040 Don Avenue (June and December);

- Provide formal/detailed documentation regarding future plans for the Victoria Farms property; and
- Properly abandon 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

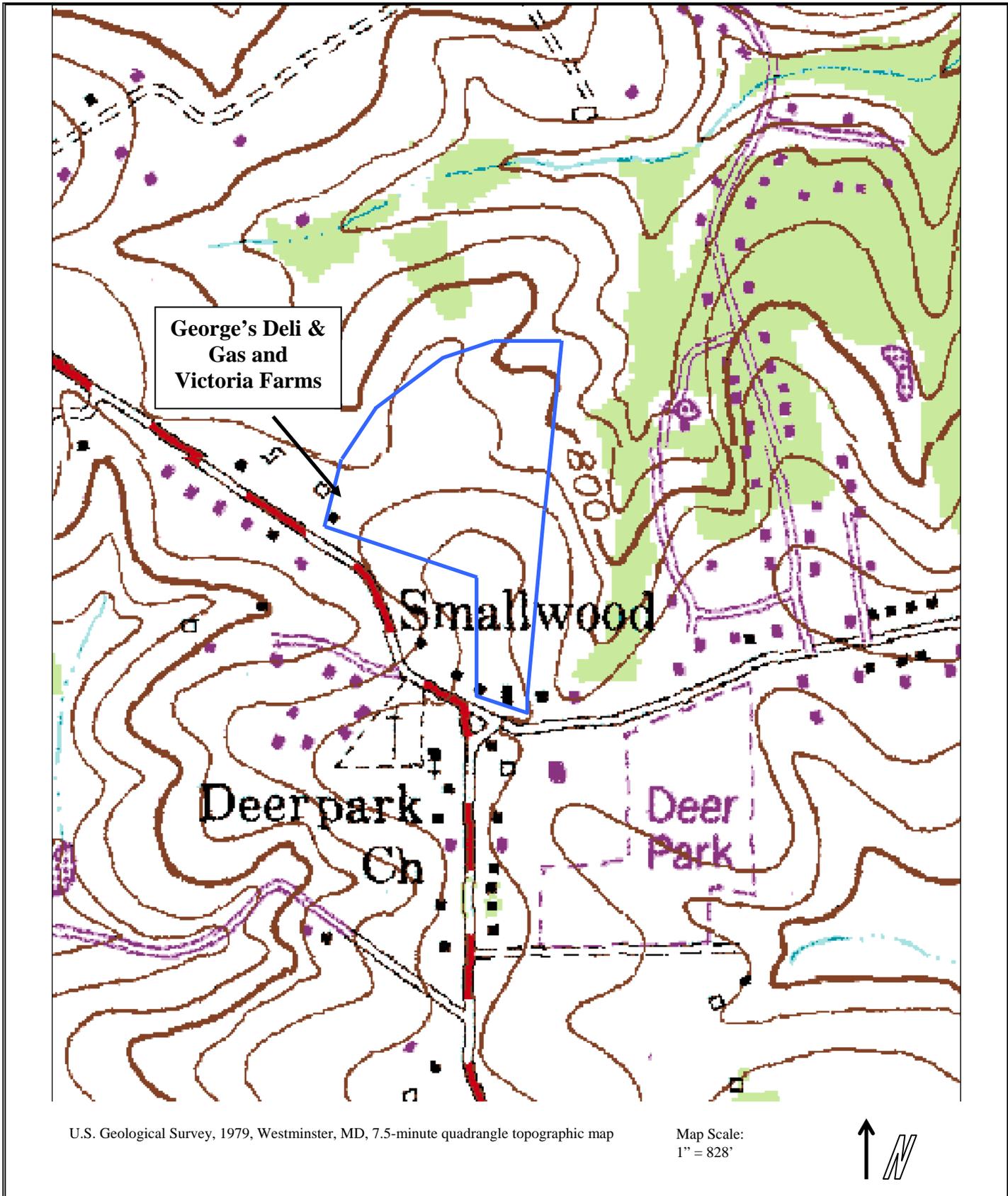
Attachments

Attachment A – Groundwater Sampling Logs

Attachment B – Laboratory Analytical Reports and Chain-Of-Custody Records

Attachment C – Prior MTBE Isoconcentration Maps

## **FIGURES**

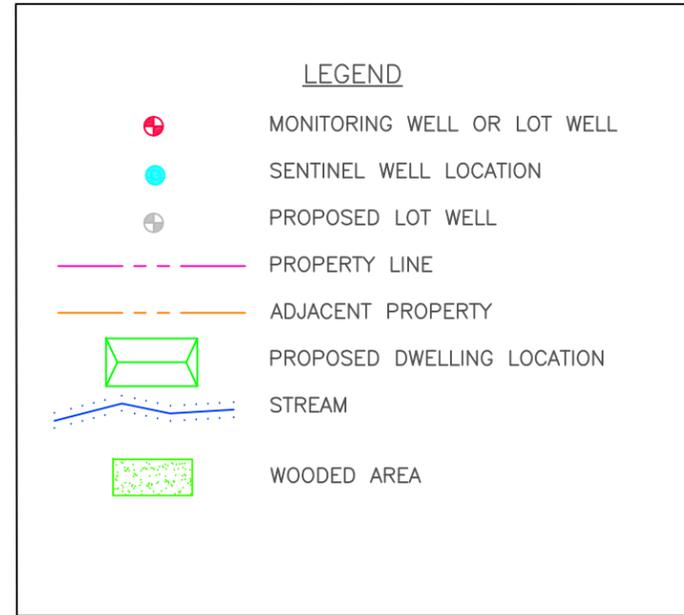
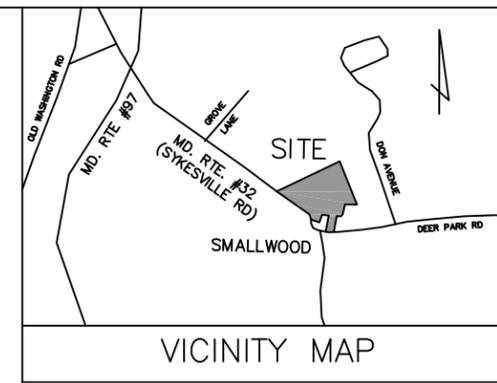
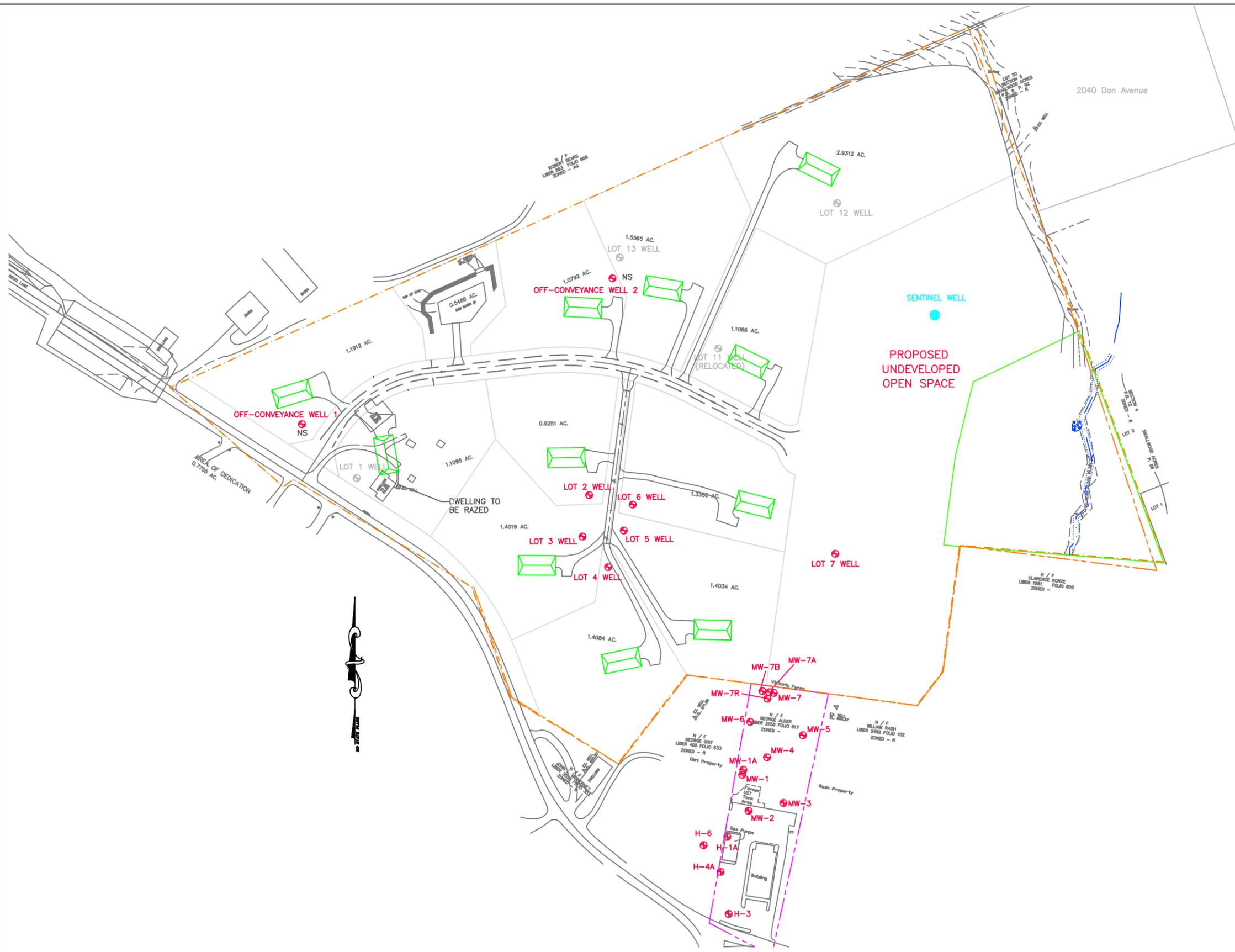


Drawn By:	Date:
CDG	09/08/08
Job #:	Proj. Mang.:
CG-08-0348	KH



5405 Twin Knolls Rd.,  
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**Figure 1: Site Location Map  
George's Deli & Gas and  
Victoria Farms**



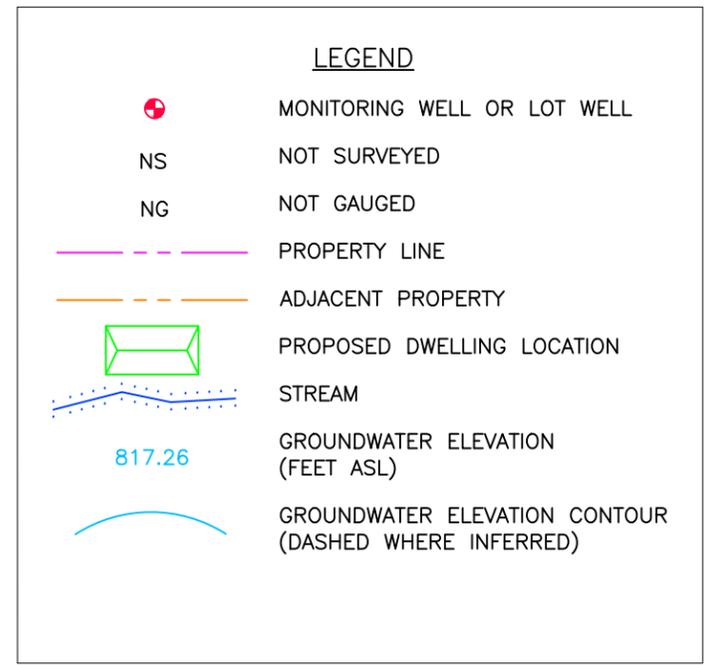
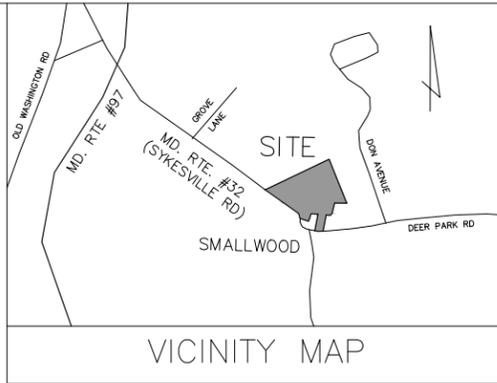
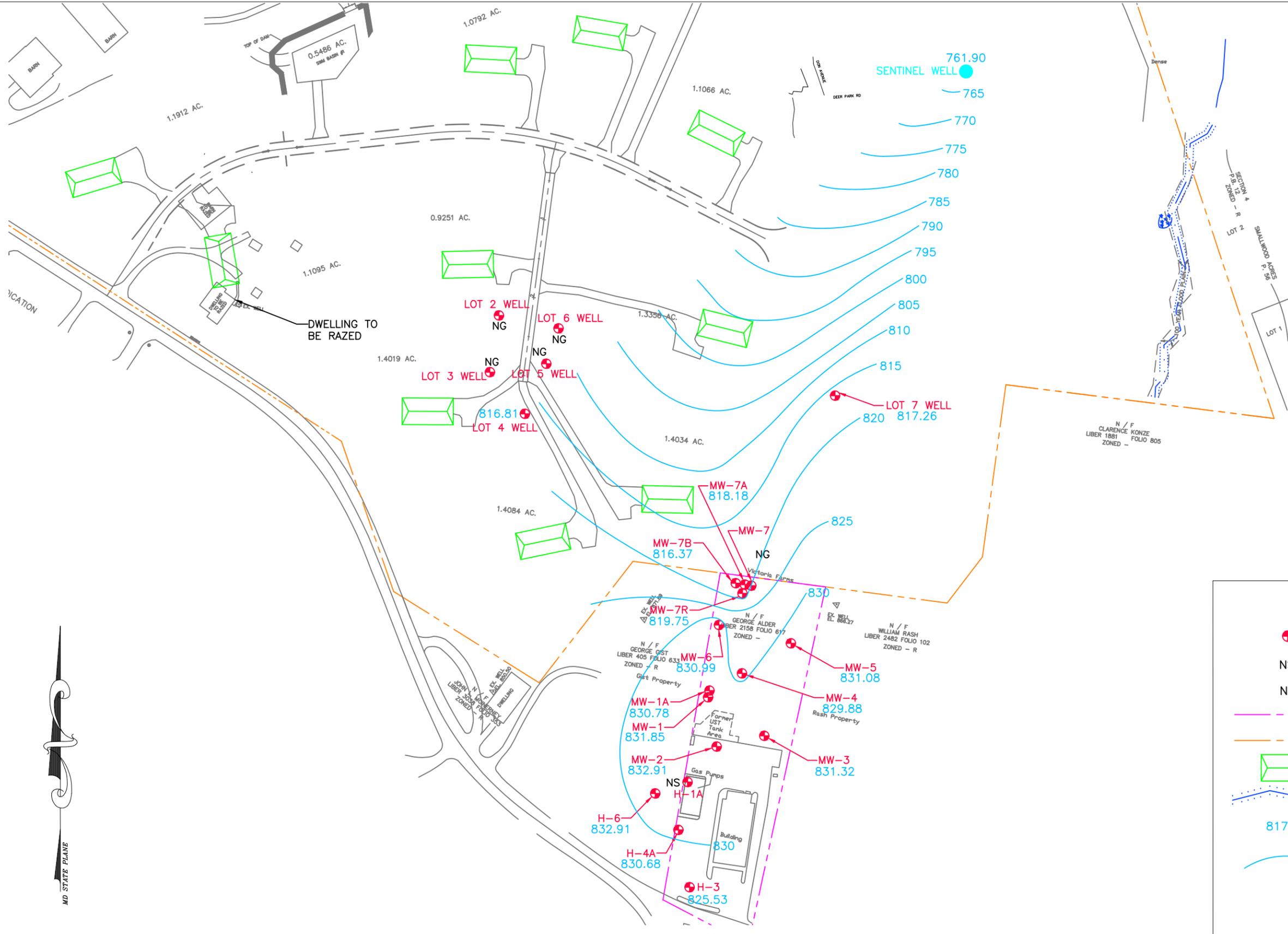
Drawn By:	Date:
MS & LB	07/09/13
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 180'	

**CGS Chesapeake**  
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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	12/18/2018
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 130'	

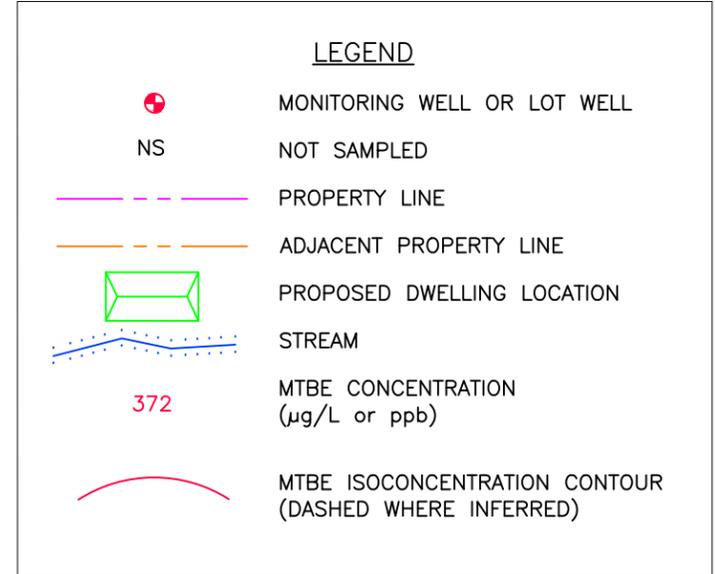
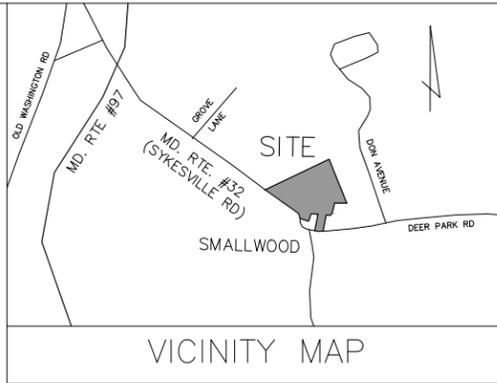
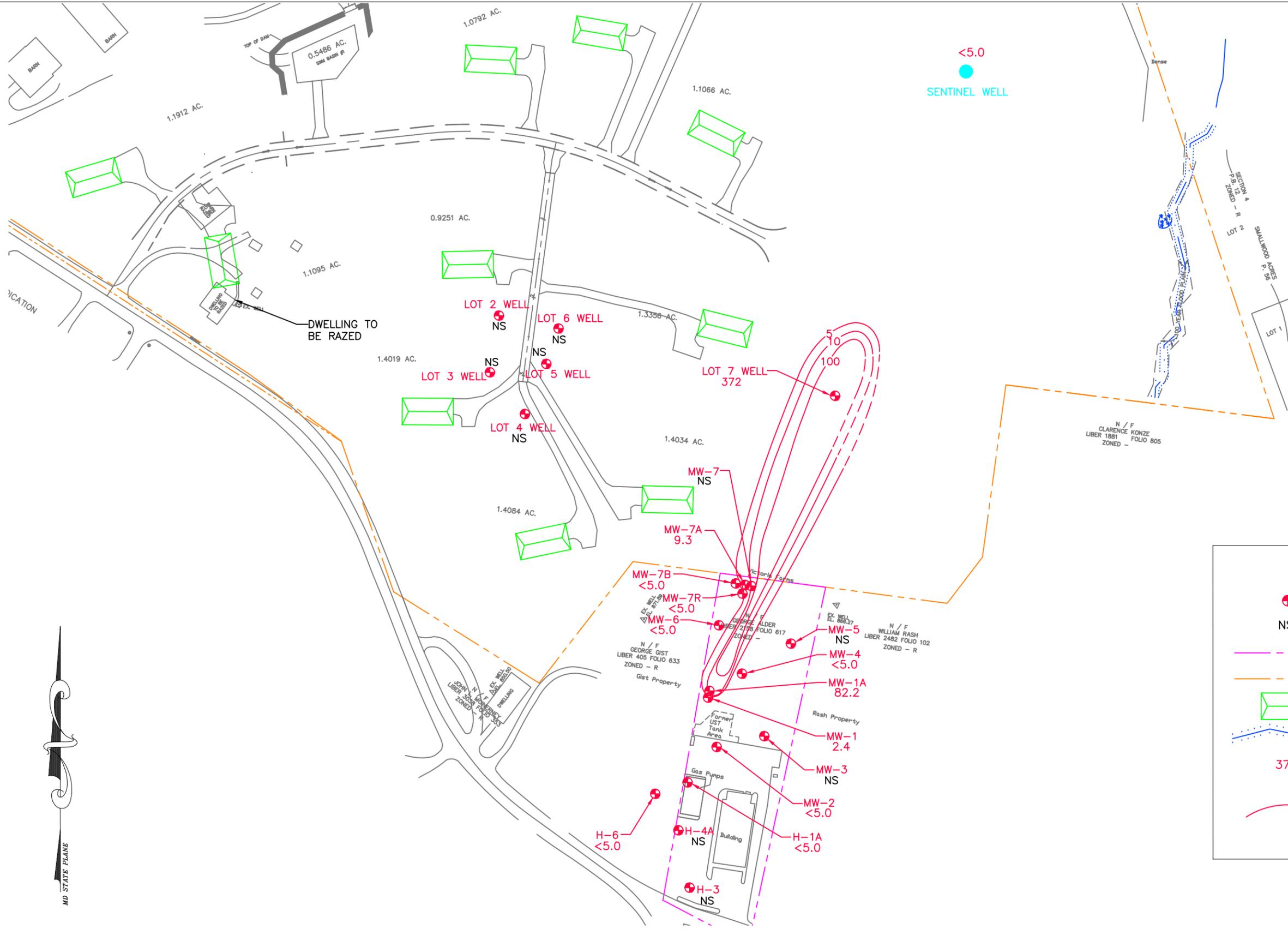
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## GROUNDWATER CONTOUR MAP - DECEMBER 3, 2018

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

Figure 3



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

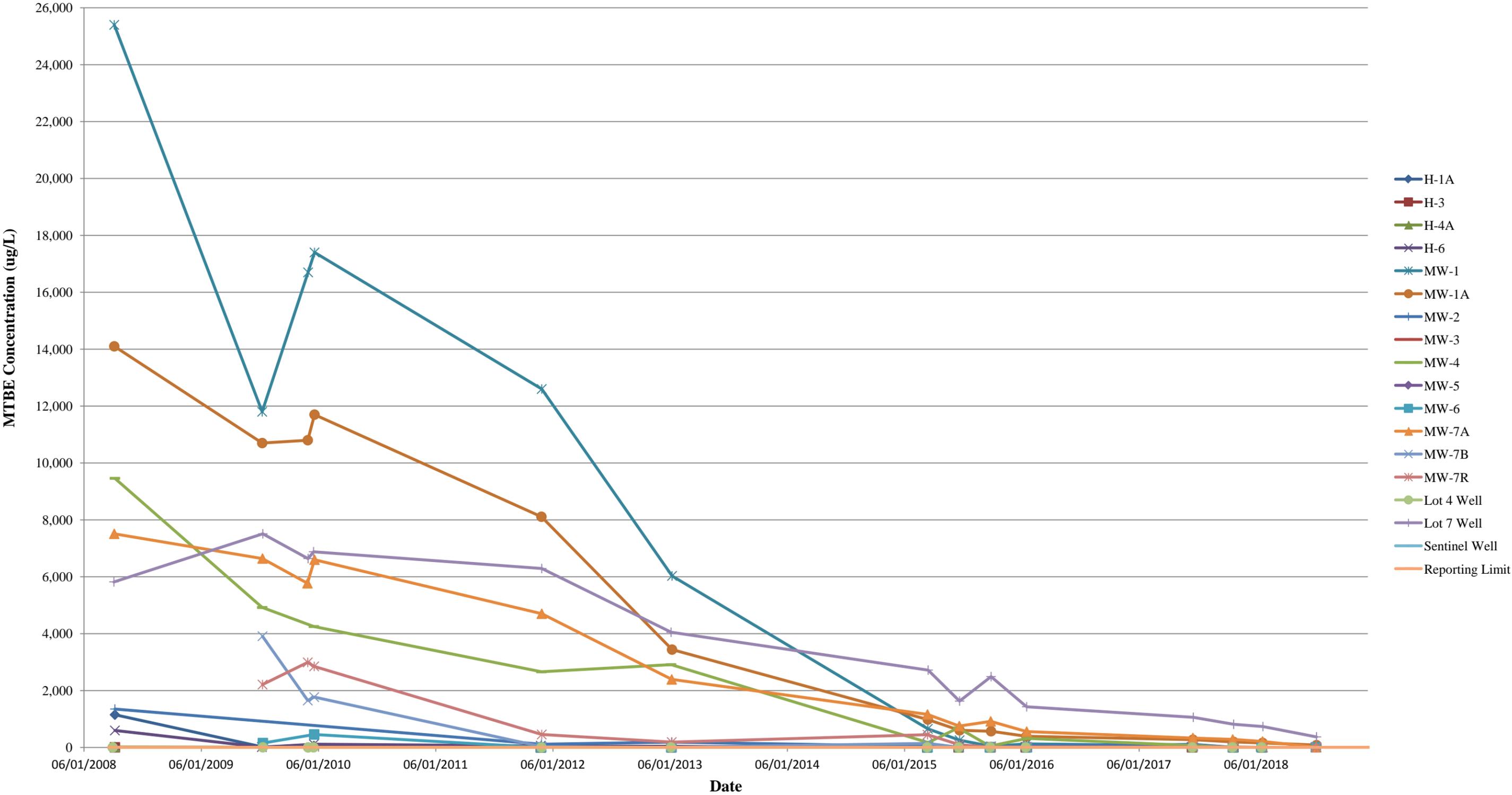
**CGS** Chesapeake GeoSciences, Inc.

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**MTBE ISOCONCENTRATION MAP - DECEMBER 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 <sup>1</sup>	Permit Number	Well Depth BTOC <sup>2</sup> (ft)	Screened Interval BTOC <sup>3</sup> (ft)	Well Diameter (in)	Horizontal Coordinates		Elevation TOC (ft) <sup>5</sup>	December 3, 2018	
					Northing <sup>4</sup>	Easting <sup>4</sup>		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	33.15	NA
H-3	CL-81-5728	56.42	38-58	4	672536.59	1319356.07	863.07	37.54	825.53
H-4A	CL-81-5729	86.84	47-87	4	672609.31	1319342.63	865.14	34.46	830.68
H-6	NA	70.13	32-72	4	672655.52	1319313.60	864.26	31.35	832.91
MW-1	NA	84.49	NA	2	672776.49	1319381.57	870.63	38.78	831.85
MW-1A	CL-95-1261	143.32	105-145	4	672785.11	1319383.51	870.89	40.11	830.78
MW-2	NA	84.80	NA	2	672714.01	1319391.88	867.70	34.79	832.91
MW-3	NA	77.50	NA	2	672727.32	1319452.39	867.27	35.95	831.32
MW-4	NA	68.59	38-68	2	672806.58	1319424.79	871.58	41.70	829.88
MW-5	CL-95-727	71.76	42-72	2	672843.83	1319487.11	869.89	38.81	831.08
MW-6	NA	72.93	43-73	2	672867.64	1319396.20	874.66	43.67	830.99
MW-7A	CL-95-1260	145.39	125-145	4	672918.51	1319429.50	878.35	60.17	818.18
MW-7B	CL-95-1558	286.10	223-283	4	672920.62	1319419.52	879.10	62.73	816.37
MW-7R	CL-95-1557	100.35	45-100	4	672907.68	1319428.18	878.34	58.59	819.75
Lot 4 Well	CL-94-5262	123.25	20-120	6	673136.86	1319152.68	865.80	48.99	816.81
Lot 7 Well	CL-94-5394	142.07	21-133	6	673156.33	1319545.83	858.42	41.16	817.26
Sentinel Well	CL-11-0045	72.58	47-70	6	673396.92	1319919.96	805.32	43.42	761.90

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.

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

<sup>2</sup> As measured on August 10, 2015 following well re-development. Lot 7 Well depth measured on June 16, 2016.

<sup>3</sup> In the case of the Lot 4 Well, Lot 7 Well, and the Sentinel Well, this is the open bedrock portion of the well.

<sup>4</sup> Horizontal coordinates in Maryland State Plane Coordinate System (NAD83/91). Sentinel Well coordinates are approximate.

<sup>5</sup> 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  
 December 3 through 6, 2018

Volatile Organic Compounds (VOCs)

Sample ID	H-1A	H-6	MW-1	MW-1A	MW-2	MW-4	MW-6	MW-7A	MW-7B	MW-7R	LOT 7 WELL	LOT 7 WELL [GDG-DUPE]	SENTINEL WELL	GDG-EFB	GDG-TB	MDE Groundwater Standard
Sample Date	12/04/18	12/03/18	12/06/18	12/06/18	12/04/18	12/04/18	12/04/18	12/05/18	12/05/18	12/05/18	12/06/18	12/06/18	12/03/18	12/05/18	12/03/18	
Dilution Factor (VOCs)	1	1	1	1	1	1	1	1	1	1	3	2	1	1	1	
Sample Type	Groundwater												Blanks			
VOCs	Concentration (ug/L)															
tert-Amyl methyl ether (TAME)	5.0 U	5.0 U	5.0 U	<b>5.5</b>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	<b>22.0</b>	<b>23.1</b>	5.0 U	5.0 U	5.0 U	na
tert-Butanol (TBA)	15.0 U	15.0 U	15.0 U	<b>29.4</b>	15.0 U	15.0 U	15.0 U	15.0 U	15.0 U	15.0 U	<b>120</b>	<b>114</b>	15.0 U	15.0 U	15.0 U	na
Methyl tert-butyl ether (MTBE)	5.0 U	5.0 U	<b>2.4 J</b>	<b><u>82.2</u></b>	5.0 U	5.0 U	5.0 U	<b>9.3</b>	5.0 U	5.0 U	<b><u>362</u></b>	<b><u>372</u></b>	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. GDG-DUPE is a blind duplicate of the groundwater sample collected from the Lot 7 Well.

µg/L - micrograms per liter or parts per billion (ppb)

U - Analyte not detected above specified Method Reporting Limit (MRL) (shown as a gray tone).

J - The reported concentration is less than the MRL but greater than the Method Detection Limit (MDL)/Quantitation Limit (LOQ). The concentration is considered to be estimated.

na - not applicable

**Bold** - Detected analyte concentration

**Screening Evaluation Notes:**

MDE Groundwater Standards: MDE Groundwater Cleanup Standards for Type I and II Aquifers (June 2008)

No MRLs exceed the respective MDE Groundwater Standards.

**Red, bold, and underline** - Detected analyte concentration exceeds the respective MDE Groundwater Standard.

**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**  
**December 3 and 5, 2018**

**Volatile Organic Compounds (VOCs)**

Sample ID	602-DW	2173-DW- PRE	2173-DW- MID	2173-DW- POST	2040-DW	GDG-TB	MDE Groundwater Standard
Sample Date	12/03/18	12/03/18	12/03/18	12/03/18	12/05/18	12/03/18	
Dilution Factor	1	1	1	1	1	1	
Sample Type	Potable Drinking Water					Blank	
VOCs	Concentration (ug/L)						
Methyl tert-butyl ether (MTBE)	<b>0.58</b>	0.50 U	0.50 U	0.50 U	<b>1.78</b>	5.0 U	2.0E+01

**Table Notes:**

Analytical Method for Potable Drinking Water Samples: EPA Method 524.2

Analytical Method for the Blank: 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.

**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)	Naphthalene (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)									
<b>MDE GW Standard</b>		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																			
	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.												Prior to Natural Attenuation Monitoring Period																			
	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
	11/19/2015	<20.0	<5.0	7.7	<15.0	<5.0	<5.0	<5.0	3.9 J	16.6	<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	<5.0	2.4 J	9.4	<5.0	<5.0	<5.0	<5.0																			
6/19/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0																				
12/4/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0																				
MDE determined that reporting geochemical parameters was no longer required																																	
H-3	9/5/2008	<10.0	<0.5	<0.5	<10.0	<0.5	<0.5	<0.5	3.9	<0.5	<0.5	<0.5	<0.5	<0.5																			
	12/7/2009	Well not sampled.												Prior to Natural Attenuation Monitoring Period																			
	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																			
6/19/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0																				
12/4/2018	Well not sampled.												MDE determined that reporting geochemical parameters was no longer required																				
H-4A	9/5/2008	<10.0	1.4	<0.5	<10.0	<0.5	<0.5	<0.5	17.0	<0.5	<0.5	<0.5	<0.5	<0.5																			
	12/7/2009	Well not sampled.												Prior to Natural Attenuation Monitoring Period																			
	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	<5.0	2.9 J	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	50.1	0.795	6.37	237.2	20.34									
	11/17/2015	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	0	76.7	0.929	5.10	180.1	16.61									
	2/24/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	0	54.2	0.369	5.77	165.9	13.92									
	6/14/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	0	31.5	0.633	5.28	189.8	17.42									
	11/14/2017	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	0	46.1	0.673	5.21	322.8	17.07									
	3/22/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0																			
6/21/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0																				
12/4/2018	Well not sampled.												MDE determined that reporting geochemical parameters was no longer required																				
H-6	9/5/2008	<150	42.0	58.0	<150	8.6	<7.5	29.0	597	41.0	9.3	<7.5	10.0	<7.5																			
	12/7/2009	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	13.0	<5.0	<5.0	<5.0	<5.0	<5.0																			
	4/30/2010	Well not sampled.												Prior to Natural Attenuation Monitoring Period																			
	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
	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	<5.0	8.9	10.1	<5.0	<5.0	<5.0	<5.0	0.854	8.93	<0.2	2.9	0	15.1	0.282	5.90	212.7	16.30									
	3/22/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0																			
6/19/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0																				
12/3/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0																				
MDE determined that reporting geochemical parameters was no longer required																																	

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

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

Well	Date	VOCs													Geochemical Parameters																		
		TAA (ug/L)	TAME (ug/L)	Benzene (ug/L)	TBA (ug/L)	sec-Butyl benzene (ug/L)	DIPE (ug/L)	Isopropyl benzene (ug/L)	MTBE (ug/L)	Naphthalene (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)									
<b>MDE GW Standard</b>		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	<b>1,630</b>	<375	<b>26,400</b>	<375	<375	<375	<b>25,400</b>	<375	<375	<375	<375	<375																			
	12/8/2009	<2,000	<b>883</b>	<500	<b>9,090</b>	<500	<500	<500	<b>11,800</b>	<500	<500	<500	<500	<500																			
	4/30/2010	NA	<b>1,420</b>	<b>91.2</b>	<b>17,700</b>	<b>1.0 J</b>	<b>29.0</b>	<b>4.2</b>	<b>16,700</b>	<b>12.3</b>	<b>4.7</b>	<b>1.2</b>	<b>13.7</b>	<b>3.5</b>	<i>Prior to Natural Attenuation Monitoring Period</i>																		
	5/20/2010	<b>1,100 J</b>	<b>1,370</b>	<b>140 J</b>	<b>17,800</b>	<500	<500	<500	<b>17,400</b>	<500	<500	<500	<500	<500																			
	4/27/2012	<998	<b>794</b>	<49.0	<b>12,900</b>	<35.5	<64.7	<50.5	<b>12,600</b>	<68.2	<53.9	<68.0	<43.3	<61.3																			
	6/7/2013	<800	<b>428</b>	<200	<b>4,760</b>	<200	<200	<200	<b>6,030</b>	<200	<200	<200	<200	<200																			
	8/13/2015	<20.0	<b>39.8</b>	<5.0	<b>263</b>	<5.0	<5.0	<5.0	<b>655</b>	<5.0	<5.0	<5.0	<5.0	<5.0											<0.0060	<b>4.66</b>	<b>6.1</b>	<b>6.8</b>	0	39.2	0.476	5.94	273.0
	11/20/2015	<40.0	<b>13.6</b>	<10.0	<b>51.1</b>	<10.0	<10.0	<10.0	<b>255</b>	<10.0	<10.0	<10.0	<10.0	<10.0	<0.0056	<b>2.90</b>	<b>5.5</b>	<b>4.7</b>	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	<b>36.5</b>	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0055	<b>2.88</b>	<b>6.1</b>	<b>10.6</b>	0	15.5	0.279	5.33	255.5	14.19									
	6/15/2016	<20.0	<b>5.5</b>	<5.0	<b>27.6</b>	<5.0	<5.0	<5.0	<b>122</b>	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0053	<b>3.77</b>	<b>6.1</b>	<b>7.7</b>	0	4.1	0.350	5.31	170.3	18.73									
	11/17/2017	<20.0	<b>3.9 J</b>	<5.0	<b>28.3</b>	<5.0	<5.0	<5.0	<b>59.4</b>	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0059	<b>2.53</b>	<b>5.3</b>	<b>5.0</b>	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	<b>5.8</b>	<5.0	<5.0	<5.0	<5.0	<5.0																			
6/21/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<b>4.8 J</b>	<5.0	<5.0	<5.0	<5.0	<5.0																				
12/6/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<b>2.4 J</b>	<5.0	<5.0	<5.0	<5.0	<5.0																				
<i>MDE determined that reporting geochemical parameters was no longer required</i>																																	
MW-1A	9/3/2008	<6,000	<b>916</b>	<300	<b>12900</b>	<300	<300	<300	<b>14,100</b>	<300	<300	<300	<300	<300																			
	12/8/2009	<2,000	<b>802</b>	<500	<b>7,650.0</b>	<500	<500	<500	<b>10,700</b>	<500	<500	<500	<500	<500																			
	4/29/2010	NA	<b>880</b>	<b>75.8</b>	<b>11,200.0</b>	<b>1.5</b>	<b>20.3</b>	<b>4.1</b>	<b>10,800</b>	<b>10.4</b>	<b>1.1</b>	<b>0.3 J</b>	<b>9.3</b>	<b>0.7 J</b>	<i>Prior to Natural Attenuation Monitoring Period</i>																		
	5/20/2010	<1,600	<b>853</b>	<b>94.0 J</b>	<b>14,600.0</b>	<400	<400	<400	<b>11,700</b>	<400	<400	<400	<400	<400																			
	4/26/2012	<499	<b>511</b>	<24.5	<b>8,860.0</b>	<17.8	<32.4	<25.3	<b>8,110</b>	<34.1	<27.0	<34.0	<21.7	<30.7																			
	6/7/2013	<500	<b>197</b>	<125	<1,600.0	<125	<125	<125	<b>3,440</b>	<125	<125	<125	<125	<125																			
	8/13/2015	<b>56.3</b>	<b>64.1</b>	<b>4.3 J</b>	<b>658.0</b>	<5.0	<5.0	<5.0	<b>982</b>	<5.0	<5.0	<5.0	<5.0	<5.0											<0.0058	<b>4.16</b>	<b>6.3</b>	<b>7.5</b>	0	345.7*	0.621	5.83	278.1
	11/20/2015	<80.0	<b>34.2</b>	<20.0	<b>221.0</b>	<20.0	<20.0	<20.0	<b>603</b>	<20.0	<20.0	<20.0	<20.0	<20.0	<b>0.0081</b>	<b>3.15</b>	<b>5.6</b>	<b>6.0</b>	0	4.7	0.541	5.04	173.9	13.96									
	2/26/2016	<80.0	<b>25.9</b>	<20.0	<b>314</b>	<20.0	<20.0	<20.0	<b>570</b>	<20.0	<20.0	<20.0	<20.0	<20.0	<0.0057	<b>3.12</b>	<b>4.8</b>	<b>6.2</b>	0	3.7	0.458	5.48	227.3	12.31									
	6/15/2016	<80.0	<b>19.6 J</b>	<20.0	<b>168</b>	<20.0	<20.0	<20.0	<b>390</b>	<20.0	<20.0	<20.0	<20.0	<20.0	<0.0062	<b>3.21</b>	<b>5.4</b>	<b>6.6</b>	0	3.6	0.480	5.44	160.3	16.25									
	11/16/2017	<40.0	<b>18.2</b>	<10.0	<b>226</b>	<10.0	<10.0	<10.0	<b>272</b>	<10.0	<10.0	<10.0	<10.0	<10.0	<0.0054	<b>3.07</b>	<b>5.3</b>	<b>5.4</b>	0	14.1	0.442	4.92	310.7	14.20									
	3/23/2018	<b>23.0</b>	<b>13.9</b>	<5.0	<b>135</b>	<5.0	<5.0	<5.0	<b>194</b>	<5.0	<5.0	<5.0	<5.0	<5.0																			
6/21/2018	<20.0	<b>10.3</b>	<5.0	<b>92.2</b>	<5.0	<5.0	<5.0	<b>161</b>	<5.0	<5.0	<5.0	<5.0	<5.0																				
12/6/2018	<20.0	<b>5.5</b>	<5.0	<b>29.4</b>	<5.0	<5.0	<5.0	<b>82.2</b>	<5.0	<5.0	<5.0	<5.0	<5.0																				
<i>MDE determined that reporting geochemical parameters was no longer required</i>																																	
MW-2	9/5/2008	<400	<b>40</b>	<20.0	<400	<20.0	<20.0	<20.0	<b>1,350</b>	<20.0	<20.0	<20.0	<20.0	<20.0																			
	12/8/2009	<i>Well not sampled.</i>																															
	4/30/2010	<i>Well not sampled.</i>																															
	5/18/2010	<i>Well not sampled.</i>																															
	4/26/2012	<1.0	<b>3.5</b>	<0.5	<b>30.3</b>	<0.4	<0.6	<0.5	<b>116</b>	<0.7	<0.5	<0.7	<0.4	<0.6																			
	6/6/2013	<20.0	<b>8.0</b>	<5.0	<b>64.6</b>	<5.0	<5.0	<5.0	<b>186</b>	<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	<b>40.6</b>	<5.0	<5.0	<5.0	<5.0	<5.0	<b>0.0068</b>	<b>0.878</b>	<b>11.0</b>	<b>16.5</b>	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	<b>17.1</b>	<5.0	<5.0	<5.0	<5.0	<5.0	<b>0.0241</b>	<b>0.919</b>	<b>12.5</b>	<b>17.8</b>	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	<b>2.8 J</b>	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0059	<b>1.09</b>	<b>11.8</b>	<b>8.0</b>	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	<b>56.3</b>	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0057	<b>1.05</b>	<b>10.3</b>	<b>14.0</b>	0	3.7	0.651	5.43	170.4	18.18									
	11/15/2017	<20.0	<b>2.9 J</b>	<5.0	<b>17.9</b>	<5.0	<5.0	<5.0	<b>105</b>	<5.0	<5.0	<5.0	<5.0	<5.0	<b>0.0079</b>	<b>0.894</b>	<b>13.8</b>	<b>14.6</b>	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	<b>3.1 J</b>	<5.0	<5.0	<5.0	<5.0	<5.0																			
6/19/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<b>2.1 J</b>	<5.0	<5.0	<5.0	<5.0	<5.0																				
12/4/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0																				
<i>MDE determined that reporting geochemical parameters was no longer required</i>																																	
MW-3	9/5/2008	<10.0	<0.5	<0.5	<10.0	<0.5	<0.5	<0.5	<b>0.7</b>	<b>1.4</b>	<b>5.8</b>	<0.5	<b>6.0</b>	<b>7.6</b>																			
	12/7/2009	<i>Well not sampled.</i>																															
	4/30/2010	<i>Well not sampled.</i>																															
	5/18/2010	<i>Well not sampled.</i>																															
	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	<b>0.305</b>	<b>5.5</b>	<b>61.8</b>	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	<b>0.311</b>	<b>4.9</b>	<b>62.8</b>	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	<b>0.255</b>	<b>6.2</b>	<b>45.3</b>	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	<b>0.311</b>	<b>6.0</b>	<b>51.5 E</b>	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	<b>0.152</b>	<b>5.5</b>	<b>67.5</b>	0	43.5	0.264	4.86	311.5	16.50									
	3/22/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0																			
6/21/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0																				
12/4/2018	<i>Well not sampled.</i>																																
<i>MDE determined that reporting geochemical parameters was no longer required</i>																																	

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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)	Naphthalene (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)									
<b>MDE GW Standard</b>		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	<b>536</b>	<150	<b>7,140</b>	<150	<150	<150	<b>9,460</b>	<150	<150	<150	<150	<150																			
	12/8/2009	<800	<b>356</b>	<200	<b>2,930</b>	<200	<200	<200	<b>4,920</b>	<200	<200	<200	<200	<200																			
	4/30/2010	Well not sampled.													Prior to Natural Attenuation Monitoring Period																		
	5/18/2010	<800	<b>279</b>	<200	<b>3,040</b>	<200	<200	<200	<b>4,250</b>	<200	<200	<200	<200	<200																			
	4/26/2012	<150	<b>155</b>	<7.4	<b>2,400</b>	<5.3	<9.7	<7.6	<b>2,660</b>	<10.2	<8.1	<10.2	<6.5	<9.2																			
	6/4/2013	<500	<b>175</b>	<125	<b>1,570</b>	<125	<125	<125	<b>2,910</b>	<125	<125	<125	<125	<125																			
	8/14/2015	<20.0	<b>8.0</b>	<5.0	<b>59.5</b>	<5.0	<5.0	<5.0	<b>171</b>	<5.0	<5.0	<5.0	<5.0	<5.0											<0.0057	NA	NA	NA	NA	0			NM (purged and sampled via bailer)
	11/16/2015	<100	<b>34.9</b>	<25.0	<b>244</b>	<25.0	<25.0	<25.0	<b>688</b>	<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	<b>42.3</b>	<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	<b>16.2</b>	<5.0	<b>66.6</b>	<5.0	<5.0	<5.0	<b>316 K</b>	<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	<b>2.5 J</b>	<5.0	<5.0	<5.0	<5.0	<5.0																			
	6/18/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0																			
12/4/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0																				
MW-5	9/5/2008	<10.0	<0.5	<0.5	<10.0	<0.5	<0.5	<0.5	<b>0.6</b>	<0.5	<0.5	<0.5	<0.5	<b>0.7</b>																			
	12/7/2009	Well not sampled.													Prior to Natural Attenuation Monitoring Period																		
	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	<b>0.227</b>	<b>5.1</b>	<b>3.2</b>	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	<b>0.322</b>	<b>7.0</b>	<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	<b>0.326</b>	<b>4.7</b>	<b>5.0</b>	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	<b>0.249</b>	<b>6.2</b>	<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	<b>0.320</b>	<b>8.6</b>	<1.0	0	36.7	0.144	4.49	281.2	18.33									
	3/22/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0																			
	6/21/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0																			
12/4/2018	Well not sampled.													MDE determined that reporting geochemical parameters was no longer required																			
MW-6	09/2008	Well not sampled - Dry.													Prior to Natural Attenuation Monitoring Period																		
	12/10/2009	<20.0	<b>11</b>	<5.0	<b>94</b>	<5.0	<5.0	<5.0	<b>155</b>	<5.0	<5.0	<5.0	<5.0	<5.0																			
	4/30/2010	Well not sampled.																															
	5/19/2010	<80.0	<b>32</b>	<20.0	<60.0	<20.0	<20.0	<20.0	<b>457</b>	<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	<b>3.5</b>	<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	<b>2.7 J</b>	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA					NM (purged and sampled via bailer)									
	11/16/2015	Well not sampled - Nearly Dry.													Well not sampled - Nearly Dry.																		
	2/22/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	0					NM (purged and sampled via bailer)									
	6/17/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	0					NM (purged and sampled via bailer)									
	11/13/2017	Well not sampled - Dry.													Well not sampled - Dry.																		
	3/20/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0																			
	6/18/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0																			
12/4/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0																				
MW-7A	9/3/2008	<2,500	<b>421</b>	<125	<b>5,710</b>	<125	<125	<125	<b>7,510</b>	<125	<125	<125	<125	<125																			
	12/9/2009	<1,000	<b>445</b>	<b>68.0</b>	<b>3,280</b>	<250	<250	<250	<b>6,640</b>	<250	<250	<250	<250	<250																			
	4/28/2010	NA	<b>442</b>	<b>65.9</b>	<b>4,810</b>	<b>0.5 J</b>	<b>13.1</b>	<b>4.0</b>	<b>5,770</b>	<b>8.6</b>	<0.5	<0.2	<b>11.9</b>	<0.4																			
	5/20/2010	<b>410 J</b>	<b>452</b>	<b>61.0 J</b>	<b>6,650</b>	<200	<200	<200	<b>6,600</b>	<200	<200	<200	<200	<200																			
	4/27/2012	<250	<b>276</b>	<12.3	<b>4,380</b>	<8.9	<16.2	<12.6	<b>4,700</b>	<17.1	<13.5	<17.0	<10.8	<15.3																			
	6/6/2013	<500	<b>146</b>	<125	<b>1,270</b>	<125	<125	<125	<b>2,390</b>	<125	<125	<125	<125	<125																			
	8/12/2015	<200	<b>57.8</b>	<50.0	<b>953</b>	<50.0	<50.0	<50.0	<b>1,160</b>	<50.0	<50.0	<50.0	<50.0	<50.0	<0.0060	<b>0.072</b>	<b>5.9</b>	<b>6.9</b>	0	34.1	0.409	5.58	285.6	14.16									
	11/19/2015	<200	<b>34.2 J</b>	<50.0	<b>303</b>	<50.0	<50.0	<50.0	<b>752</b>	<50.0	<50.0	<50.0	<50.0	<50.0	<0.0057	<b>0.061</b>	<b>6.3</b>	<b>4.6</b>	0	4.0	0.415	4.96	223.3	14.36									
	2/25/2016	<100	<b>46.9</b>	<25.0	<b>452</b>	<25.0	<25.0	<25.0	<b>917</b>	<25.0	<25.0	<25.0	<25.0	<25.0	<0.0082	<b>0.064</b>	<b>6.1</b>	<b>6.0</b>	0	3.4	0.392	5.37	228.2	12.53									
	6/16/2016	<100	<b>38.3</b>	<25.0	<b>329</b>	<25.0	<25.0	<25.0	<b>557</b>	<25.0	<25.0	<25.0	<25.0	<25.0	<0.0056	<b>0.064</b>	<b>6.0</b>	<b>5.8</b>	0	3.5	0.389	5.35	187.3	15.03									
	11/16/2017	<60.0	<b>20.4</b>	<15.0	<b>253</b>	<15.0	<15.0	<15.0	<b>332</b>	<15.0	<15.0	<15.0	<15.0	<15.0	<0.0057	<b>0.0518</b>	<b>6.6</b>	<b>4.7</b>	0	13.6	0.371	4.77	326.3	14.02									
	3/20/2018	<40.0	<b>18.4</b>	<10.0	<b>151</b>	<10.0	<10.0	<10.0	<b>282</b>	<10.0	<10.0	<10.0	<10.0	<10.0																			
	6/21/2018	<20.0	<b>12.1</b>	<5.0	<b>67.8</b>	<5.0	<5.0	<5.0	<b>210 E</b>	<5.0	<5.0	<5.0	<5.0	<5.0																			
12/5/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<b>9.3</b>	<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)	Naphthalene (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)
<b>MDE GW Standard</b>		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	<i>Well not sampled - installed in 2009.</i>																						
	12/9/2009	<500	<b>273</b>	<125	<b>2,170</b>	<125	<125	<125	<b>3,910</b>	<125	<125	<125	<125	<125										
	4/29/2010	NA	<b>135</b>	<0.3	<b>555</b>	<0.4	<b>3.4 J</b>	<0.2	<b>1,650</b>	<0.5	<0.5	<0.2	<0.1	<0.4	<i>Prior to Natural Attenuation Monitoring Period</i>									
	5/19/2010	<200	<b>120</b>	<50.0	<150	<50.0	<50.0	<50.0	<b>1,770</b>	<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	<b>26.1</b>	<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	<b>5.1</b>	<5.0	<b>64.9</b>	<5.0	<5.0	<5.0	<b>143</b>	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0060	<b>2.08</b>	<b>0.7</b>	<b>3.6</b>	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	<b>0.334</b>	<b>0.8</b>	<b>1.8</b>	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	<b>16.8</b>	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0053	<b>0.096</b>	<b>11.8</b>	<b>2.3</b>	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	<b>0.176</b>	<b>10.9</b>	<b>3.3</b>	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	<b>0.186</b>	<b>11.9</b>	<b>3.1</b>	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	<i>MDE determined that reporting geochemical parameters was no longer required</i>										
6/22/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0											
12/5/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0											
MW-7R	09/2008	<i>Well not sampled - installed in 2009. MW-7 was dry. MW-7R replaced MW-7.</i>																						
	12/9/2009	<400	<b>165</b>	<100	<b>1,420</b>	<100	<100	<100	<b>2,210</b>	<100	<100	<100	<100	<100										
	4/29/2010	NA	<b>255</b>	<b>6.8</b>	<b>2,710</b>	<0.4	<b>4.8 J</b>	<b>0.4 J</b>	<b>2,990</b>	<b>1.6</b>	<0.5	<0.2	<b>1.4</b>	<0.4	<i>Prior to Natural Attenuation Monitoring Period</i>									
	5/19/2010	<500	<b>205</b>	<130	<b>1,810</b>	<130	<130	<130	<b>2,850</b>	<130	<130	<130	<130	<130										
	4/27/2012	<29.9	<b>27.5</b>	<1.5	<b>284</b>	<1.1	<1.9	<1.5	<b>455</b>	<2.0	<1.6	<2.0	<1.3	<1.8										
	6/6/2013	<b>57.1</b>	<b>11.6</b>	<10.0	<b>94.7</b>	<10.0	<10.0	<10.0	<b>188</b>	<10.0	<10.0	<10.0	<10.0	<10.0										
	8/12/2015	<80.0	<b>23.9</b>	<20.0	<b>180</b>	<20.0	<20.0	<20.0	<b>447</b>	<20.0	<20.0	<20.0	<20.0	<20.0	<0.0055	<b>0.595</b>	<b>6.0</b>	<b>24.6</b>	0	33.0	0.286	5.35	286.5	17.43
	11/19/2015	<20.0	<b>3.9 J</b>	<5.0	<15.0	<5.0	<5.0	<5.0	<b>95.1</b>	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0055	<b>0.491</b>	<b>6.2</b>	<b>28.6</b>	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	<b>12.4</b>	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0052	<b>0.254</b>	<b>5.6</b>	<b>30.6</b>	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	<b>17.4</b>	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0065	<b>0.354</b>	<b>6.2</b>	<b>30.2</b>	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	<b>11.5</b>	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0058	<b>0.256</b>	<b>7.5</b>	<b>22.8</b>	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	<b>13.9</b>	<5.0	<5.0	<5.0	<5.0	<5.0	<i>MDE determined that reporting geochemical parameters was no longer required</i>										
6/21/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0											
12/5/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0											
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											
	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											
	4/30/2010	NA	<0.3	<0.3	<2.6	<0.4	<0.3	<0.2	<0.4	<0.5	<0.2	<0.1	<0.4	<i>Prior to Natural Attenuation Monitoring Period</i>										
	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											
	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	<b>7.1</b>	<b>5.8</b>	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	<b>0.0056</b>	<0.010	<b>6.9</b>	<b>4.1</b>	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	<b>4.0</b>	<b>0.25</b>	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	<b>8.1</b>	<b>4.0</b>	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	<b>7.7</b>	<b>5.3</b>	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	<i>MDE determined that reporting geochemical parameters was no longer required</i>										
6/18/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0											
12/4/2018		<i>Well not sampled.</i>																						
Lot 7 Well	9/2/2008	<2,500	<b>293</b>	<125	<b>3,170</b>	<125	<125	<125	<b>5,820</b>	<125	<125	<125	<125											
	12/10/2009	<1,000	<475	<b>79.0</b>	<b>4,630</b>	<250	<250	<250	<b>7,510</b>	<250	<250	<250	<250											
	4/30/2010	NA	<b>473</b>	<b>74.2</b>	<b>5,350</b>	<b>1.3</b>	<b>14.5</b>	<b>4.1</b>	<b>6,640</b>	<b>9.0</b>	<0.5	<0.2	<b>13.6</b>	<0.4	<i>Prior to Natural Attenuation Monitoring Period</i>									
	5/17/2010	<1000	<b>461</b>	<b>78.0 J</b>	<b>8,790</b>	<250	<250	<250	<b>6,880</b>	<250	<250	<250	<250	<250										
	4/27/2012	<499	<b>350</b>	<24.5	<b>5,580</b>	<17.8	<32.4	<25.3	<b>6,290</b>	<34.1	<27.0	<34.0	<21.7	<30.7										
	6/4/2013	<500	<b>227</b>	<125	<b>1,670</b>	<125	<125	<125	<b>4,050</b>	<125	<125	<125	<125	<125										
	8/14/2015	<500	<b>120 J</b>	<125	<b>2,410</b>	<125	<125	<125	<b>2,720</b>	<125	<125	<125	<125	<125	<b>0.0053</b>	<b>0.046</b>	<b>5.5</b>	<b>4.8</b>	0	705.3*	0.533	6.23	275.2	14.30
	11/20/2015	<200	<b>80.2</b>	<50.0	<b>667</b>	<50.0	<50.0	<50.0	<b>1,630</b>	<50.0	<50.0	<50.0	<50.0	<50.0	<b>0.0101</b>	<b>0.037</b>	<b>5.7</b>	<b>3.3</b>	0	3.0	0.535	5.11	78.8	13.89
	2/26/2016	<200	<b>97.4</b>	<50.0	<b>1,670</b>	<50.0	<50.0	<50.0	<b>2,490</b>	<50.0	<50.0	<50.0	<50.0	<50.0	<b>0.0076</b>	<b>0.028</b>	<b>5.6</b>	<b>3.8</b>	0	3.1	0.532	5.45	205.1	12.53
	6/16/2016	<100	<b>73.4 J</b>	<25.0	<b>719</b>	<25.0	<25.0	<25.0	<b>1,430 E</b>	<25.0	<25.0	<25.0	<25.0	<25.0	<0.0058	<b>0.029</b>	<b>6.1</b>	<b>6.2</b>	0	3.4	0.514	5.45	172.3	14.00
	11/17/2017	<200	<b>69.2</b>	<50.0	<b>901</b>	<50.0	<50.0	<50.0	<b>1,060</b>	<50.0	<50.0	<50.0	<50.0	<50.0	<0.0064	<b>0.0340</b>	<b>5.4</b>	<b>3.3</b>	0	11.4	0.491	4.92	277.0	13.29
3/23/2018	<100	<b>56.3</b>	<25.0	<b>609</b>	<25.0	<25.0	<25.0	<b>814</b>	<25.0	<25.0	<25.0	<25.0	<25.0	<i>MDE determined that reporting geochemical parameters was no longer required</i>										
6/22/2018	<100	<b>47.1</b>	<25.0	<b>507</b>	<25.0	<25.0	<25.0	<b>734</b>	<25.0	<25.0	<25.0	<25.0	<25.0											
12/6/2018	<40.0	<b>23.1</b>	<10.0	<b>120</b>	<10.0	<10.0	<10.0																	

**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)	Naphthalene (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)	
<b>MDE GW Standard</b>		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	<i>Well not sampled - installed in 2013.</i>												<i>Prior to Natural Attenuation Monitoring Period</i>											
	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	<5.0	<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	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	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	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	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	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	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	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	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	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	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	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	6/19/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
12/3/2018	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<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:**

<b>Analyte</b>	<b>MDE Groundwater Standard</b>
m+p-Xylenes	Total Xylenes
o-Xylene	Total Xylenes

**ATTACHMENT A**  
**GROUNDWATER SAMPLING LOGS**

# MONITORING WELL SAMPLE COLLECTION FORM

<b>LOCATION</b>	Site: Victoria Farms - George's Deli & Gas	LocID: <b>H-1A</b>	Date: <b>12/04/2018</b>								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: <b>MIS</b> Checked By:								
<b>EQUIPMENT</b>	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW turbidity meter, Proactive® Hurricane 2" low-flow submersible pump w/ controller, and HDPE tubing									
	PID Type/ID #: NA	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.									
<b>WELL INFO</b>	Casing I.D. (in) [a]: <b>8</b>	Water Column Thickness (ft) [d-c]: <b>32.87</b>	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: <b>2.6</b>	Well Volume (gal) {[d-c] x b}: <b>85.46 (x3 = 256.39)</b>	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: <b>33.15</b>	Screened Interval (ft TOC): <b>25-65</b>	Ground Condition of Well: <b>old - no bolts</b>								
	Total Well Depth (ft) [d]: <b>66.02</b>	Pump depth (ft TOC): <b>50</b> Pump depth (ft bgs): <b>50.44</b>	Remarks: <b>TOC = 0.44 # BG</b>								
<b>CASING INFO</b>	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	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
12/04/18	14:03	33.91	0	0	0	—	—	—	—	—	—	NA	Clear, no odors
	14:05	34.31	0.40	0.5	0.1	—	—	—	1.05	—	—	NA	
	14:10	34.43	0.12	1.0	0.1	4.90	0.388	412.0	0.10	13.12/23.8	13.6	NA	
	14:15	34.62	0.19	1.5	0.1	4.65	0.396	404.1	0	7.34/9.9	13.56	NA	
	14:20	34.82	0.20	3.0	0.3	4.59	0.396	401.0	0	5.09/48.7	13.37	NA	
	14:25	34.98	0.16	4.0	0.2	4.58	0.394	400.6	0	4.46/42.6	13.31	NA	
	14:30	35.12	0.14	4.5	0.1	4.57	0.394	399.8	0	4.18/40.0	13.44	NA	
	14:35	35.30	0.18	5.0	0.1	4.57	0.393	399.0	0	3.87/37.2	13.51	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-1A 12/04/18 14:45	3 40 mL glass vials	HCl	N	Pump	VOCs 8260



## MONITORING WELL SAMPLE COLLECTION FORM

<b>LOCATION</b>	Site: Victoria Farms - George's Deli & Gas	LocID: H-6	Date: 12/31/18								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: DG Checked By:								
<b>EQUIPMENT</b>	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW turbidity meter, Proactive®									
	PID Type/ID #: NA	Hurricane 2" low-flow submersible pump w/ controller, and HDPE tubing									
Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.											
<b>WELL INFO</b>	Casing I.D. (in) [a]: 4.0	Water Column Thickness (ft) [d-c]: 39.27	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.65	Well Volume (gal) [(d-c) x b]: (39.27 x 0.65) x 3 = 76.5	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 31.35	Screened Interval (ft TOC): 32-72	Ground Condition of Well:								
	Total Well Depth (ft) [d]: 70.62	Pump depth (ft TOC): 51' Pump depth (ft bgs):	Remarks:								
<b>CASING INFO</b>	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	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO % (mg/L)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
12/3/18	13:10	31.19	—	—	—	5.42	0.143	337.9	5.65	66/6.82	13.68	NA	↓ Clear      ↓ sampled
	13:15	32.11	0.92	0.5	0.1	5.03	0.143	338.3	5.04	56.6/5.85	13.80	NA	
	13:20	32.31	0.20	1.5	0.2	4.97	0.144	339.2	4.14	51.1/5.81	13.73	NA	
	13:25	32.35	0.04	1.75	0.05	4.93	0.146	340.5	4.64	49.0/5.06	13.81	NA	
	13:30	32.47	0.12	2.0	0.05	4.88	0.143	342.5	4.92	49.6/5.11	13.98	NA	
	13:35	32.59	0.12	2.75	0.15	4.85	0.141	344.5	4.88	49.8/5.13	14.01	NA	
	13:40	32.71	0.20	3.5	0.15	4.84	0.141	346.1	5.05	48.2/4.98	13.90	NA	
	13:45											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)
H-6 / 13:45	3 40 mL glass VOAS	HCl	N	Pump	VOCS

## MONITORING WELL SAMPLE COLLECTION FORM

<b>LOCATION</b>	Site: Victoria Farms - George's Deli & Gas	LocID: MW-1	Date: 12/06/2018								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: MIS    Checked By:								
<b>EQUIPMENT</b>	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW turbidity meter, Proactive® Hurricane 2" low-flow submersible pump w/ controller, and HDPE tubing									
	PID Type/ID #: NA	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.									
<b>WELL INFO</b>	Casing I.D. (in) [a]: 2	Water Column Thickness (ft) [d-c]: 44.82	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.16	Well Volume (gal) {[d-c] x b}: 7.17 (x3 = 21.51)	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 38.78	Screened Interval (ft TOC): Unknown	Ground Condition of Well: Poor-needs PIP								
	Total Well Depth (ft) [d]: 83.60	Pump depth (ft TOC): 74    Pump depth (ft bgs): 74.67	Remarks: TOC = 0.67ft BG								
<b>CASING INFO</b>	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	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
12/6/18	10:22	40.97	0	0	0	-	-	-	-	-	-	NA	Clear, no odor
	10:25	41.75	0.78	1.5	0.3	4.92	0.297	407.7	8.45	7.53/70.5	12.44	NA	↓ Hz
	10:30	41.47	-0.28	2	0.1	4.89	0.299	400.2	12.69	6.17/57.3	12.02	NA	Clear
	10:35	41.27	-0.20	3	0.2	4.83	0.299	400.3	10.08	5.57/50.8	11.40	NA	↓ Hz
	10:40	41.54	0.27	3.5	0.1	4.80	0.298	399.3	14.28	5.02/47.3	12.75	NA	↑ Hz
	10:45	41.55	0.01	4.5	0.2	4.81	0.299	398.4	8.15	4.79/44.8	12.44	NA	Clear
	10:50	41.53	-0.01	5.5	0.2	4.82	0.299	397.7	5.56	4.52/42.5	12.53	NA	↓
✓	10:55	41.51	-0.02	6.5	0.2	4.83	0.299	396.3	4.46	4.16/39.1	12.37	NA	↓ ↓ ↓

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

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
MW-1 12/06/18 10:55	3 40ml glass vials	HCl	N	Pump	VOCs 8260

# MONITORING WELL SAMPLE COLLECTION FORM

<b>LOCATION</b>	Site: Victoria Farms - George's Deli & Gas	LocID: MW-1A	Date: 12/6/18
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: MIS Checked By:

<b>EQUIPMENT</b>	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW turbidity meter, Proactive® Hurricane 2" low-flow submersible pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.
	PID Type/ID #: NA		

<b>WELL INFO</b>	Casing I.D. (in) [a]: 4	Water Column Thickness (ft) [d-c]: 103.21	Ambient PID (ppm): NA
	Unit Casing Volume (gal/lin ft) [b]: 0.65	Well Volume (gal) {[d-c] x b}: 67.09 (X3 = 201.3)	Well Mouth PID (ppm): NA
	Initial Depth to Water (ft) [c]: 40.11	Screened Interval (ft TOC): 105-145	Ground Condition of Well: old, no bolts
	Total Well Depth (ft) [d]: 143.32	Pump depth (ft TOC): 125 Pump depth (ft bgs): 126.5	Remarks: TOC = 0.5 ft BG

<b>CASING INFO</b>	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

WL at 12:05 lower b/c we had to run pump to lower it.

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
12/6/18	12:05	43.40	3.29	0	0	-	-	-	-	-	-	NA	Clear, no odor
	12:10	43.48	0.08	1	0.2	5.08	0.360	389.9	3.13	2.04/19.2	12.57	NA	
	12:15	43.50	0.02	2	0.2	5.04	0.360	389.1	2.87	2.09/19.7	12.65	NA	
	12:20	43.25	-0.25	3	0.2	4.96	0.362	388.2	4.10	1.94/18.1	12.29	NA	
	12:25	43.13	-0.12	3.5	0.1	4.96	0.362	387.8	3.69	1.94/18.1	12.25	NA	
	12:30	43.42	0.29	4.5	0.2	4.96	0.362	385.8	2.78	1.80/17.1	12.71	NA	
	12:35	43.35	-0.07	5.5	0.2	4.96	0.362	384.7	3.41	1.74/16.4	12.72	NA	
✓	12:40	43.51	0.16	7.0	0.3	4.97	0.362	383.5	4.00	1.72/16.0	12.65	NA	✓ ✓ ✓

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

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
MW-1A 12/6/18 12:40	3 40ml glass vials	HCl	N	Pump	VOCs 8260

# MONITORING WELL SAMPLE COLLECTION FORM

<b>LOCATION</b>	Site: Victoria Farms - George's Deli & Gas	LocID: MW-2	Date: 12/04/18								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: MIS Checked By:								
<b>EQUIPMENT</b>	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW turbidity meter, Proactive® Hurricane 2" low-flow submersible pump w/ controller, and HDPE tubing									
	PID Type/ID #: NA	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.									
<b>WELL INFO</b>	Casing I.D. (in) [a]: 2	Water Column Thickness (ft) [d-c]: 48.93	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.16	Well Volume (gal) [(d-c) x b]: 7.83 (x3 = 23.49)	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 34.79	Screened Interval (ft TOC): Unknown	Ground Condition of Well: Old - no bolts								
	Total Well Depth (ft) [d]: 83.72	Pump depth (ft TOC): 74 Pump depth (ft bgs): 74.33	Remarks: TOC = 0.33 A BG								
<b>CASING INFO</b>	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	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
12/04/18	12:30	35.89	0	0	0	-	-	-	-	-	-	NA	Cloudy
	12:35	-	-	1.0	0.2	-	-	-	-	-	-	NA	↓
	12:40	36.88	0.99	2.0	0.2	4.67	0.535	408.3	100.3	3.34/32.0	13.38	NA	↓
	12:45	37.01	0.13	3.0	0.2	4.79	0.534	403.0	77.86	3.41/32.7	13.43	NA	↓
	12:50	37.05	0.04	4.0	0.2	4.82	0.531	400.3	62.71	3.48/33.3	13.44	NA	Slightly cloudy
	12:55	37.04	-0.01	5.0	0.2	4.85	0.529	397.6	52.66	3.45/33.2	13.51	NA	↓
	13:00	36.88	-0.16	6.0	0.2	4.85	0.529	397.2	18.88	3.42/32.8	13.47	NA	Clear
✓	13:05	37.02	0.14	7.0	0.2	4.85	0.529	395.4	17.86	3.30/31.7	13.49	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 12/04/18 13:10	3 40-ml glass vials	HCl	N	Pump	VOCs 8260



# MONITORING WELL SAMPLE COLLECTION FORM

<b>LOCATION</b>	Site: Victoria Farms - George's Deli & Gas	LocID: MW-4	Date: 12/04/18								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: MIS Checked By:								
<b>EQUIPMENT</b>	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW turbidity meter, Proactive® Hurricane 2" low-flow submersible pump w/ controller, and HDPE tubing									
	PID Type/ID #: NA	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.									
<b>WELL INFO</b>	Casing I.D. (in) [a]: 2	Water Column Thickness (ft) [d-c]: 26.69	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.16	Well Volume (gal) [(d-c) x b]: 4.27 (x3=12.81)	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 41.70	Screened Interval (ft TOC): 38-68	Ground Condition of Well: Old - no bolts								
	Total Well Depth (ft) [d]: 68.39	Pump depth (ft TOC): 55 Pump depth (ft bgs): 55.52	Remarks: TOC = 0.52 ft BG								
<b>CASING INFO</b>	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	Conductivity (mS/cm)	Redox Potential ORP	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
12/04/18	11:11	42.35	0	0	0	-	-	-	-	-	-	NA	Slightly cloudy
	11:15	42.80	0.45	0.5	0.1	4.71	0.059	405.3	78.18	6.37/58.4	11.85	NA	↓
	11:20	42.92	0.12	1.0	0.1	4.33	0.060	398.1	48.58	5.41/50.7	12.58	NA	↓
	11:25	42.91	-0.01	1.5	0.1	4.37	0.066	397.1	41.41	5.01/46.8	12.50	NA	↓
	11:30	43.10	0.19	2.0	0.1	4.30	0.072	397.6	34.34	4.83/45.1	12.75	NA	Clearing
	11:35	43.10	0	3.0	0.2	4.30	0.085	397.9	26.91	4.71/44.3	12.56	NA	↓
	11:40	43.06	-0.04	4.0	0.2	4.30	0.089	399.5	19.28	4.45/41.9	12.63	NA	Clear
✓	11:45	43.05	-0.01	4.5	0.1	4.31	0.091	400.1	22.0	4.42/41.5	12.64	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 12/04/18 11:50	3 40-ml glass vials	HCl	N	Pump	VOCs @ 260



# MONITORING WELL SAMPLE COLLECTION FORM

<b>LOCATION</b>	Site: Victoria Farms - George's Deli & Gas	LocID: MW-6	Date: 12/04/2010								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: MIS Checked By:								
<b>EQUIPMENT</b>	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW turbidity meter, Proactive® Hurricane 2" low-flow submersible pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.								
	PID Type/ID #: NA										
<b>WELL INFO</b>	Casing I.D. (in) [a]: 2	Water Column Thickness (ft) [d-c]: 29.08	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.16	Well Volume (gal) {[d-c] x b}: 4.65 (X3=13.95)	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 43.67	Screened Interval (ft TOC): 43-73	Ground Condition of Well: old - no bolts								
	Total Well Depth (ft) [d]: 72.75	Pump depth (ft TOC): 63 Pump depth (ft bgs): 63.25	Remarks: TOC = 0.25 ft BG								
<b>CASING INFO</b>	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	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
12/04/10	09:47	43.68	0	0	0	-	-	-	-	-	-	NA	Cloudy
	09:50	43.80	0.20	0.5	0.17	5.52	0.208	378.7	91.57	7.32/85.0	11.65	NA	
	09:55	43.91	0.03	1.0	0.10	5.30	0.212	371.8	174.8	7.88/73.3	12.20	NA	
	10:00	43.95	0.04	1.5	0.10	5.27	0.211	369.9	113.4	7.43/69.7	12.29	NA	
	10:05	44.02	0.07	2.5	0.20	5.23	0.212	368.9	98.72	7.03/65.8	12.33	NA	↓
	10:10	44.05	0.03	3.5	0.20	5.20	0.212	368.8	40.75	6.74/62.9	12.28	NA	Clearing
	10:15	44.08	0.03	4.5	0.20	5.19	0.212	369.6	27.22	6.62/62.1	12.36	NA	↓
✓	10:20	44.10	0.02	5.5	0.20	5.19	0.211	369.5	13.34	6.5/61.0	12.36	NA	Clear

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-06 12/4/10 10:25	3 40mL glass vials	HCl	N	Pump	VOCs 8260



# MONITORING WELL SAMPLE COLLECTION FORM

<b>LOCATION</b>	Site: Victoria Farms - George's Deli & Gas	LocID: MW-7A	Date: 12/05/2018								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: MIS Checked By:								
<b>EQUIPMENT</b>	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW turbidity meter, Proactive®									
	PID Type/ID #: NA	Hurricane 2" low-flow submersible pump w/ controller, and HDPE tubing									
Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.											
<b>WELL INFO</b>	Casing I.D. (in) [a]: 4	Water Column Thickness (ft) [d-c]: 85.22	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/in ft) [b]: 0.65	Well Volume (gal) [(d-c) x b]: 55.39 (x3=166.18)	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 60.17	Screened Interval (ft TOC): 125-145	Ground Condition of Well: Good; stickup								
	Total Well Depth (ft) [d]: 145.39	Pump depth (ft TOC): 135 Pump depth (ft bgs): 132.89	Remarks: TOC=2.11 ft AGS								
<b>CASING INFO</b>	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/in 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	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (mg/l) (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
12/05/18	12:19	60.17	0	0	0	—	—	—	—	—	—	NA	Clear, no odor
	12:25	61.52	1.35	3	0.6	4.73	0.289	402.6	0	3.16/28.1	11.68	NA	
	12:30	61.51	-0.01	4	0.2	4.71	0.289	400.5	0	2.64/24.2	11.84	NA	
	12:35	61.51	0	5	0.2	4.71	0.290	399.2	0	2.49/23.0	11.90	NA	
	12:40	61.51	0	6	0.2	4.73	0.294	398.1	0	2.44/22.5	11.96	NA	
	12:45	61.49	-0.02	7.5	0.3	4.75	0.297	397.5	0.46	2.38/21.8	11.94	NA	
	12:50	61.48	-0.01	8.5	0.2	4.76	0.297	395.6	2.01	2.28/21.0	11.93	NA	
✓	12:55	61.49	0.01	9.5	0.2	4.75	0.292	394.4	1.88	2.16/20.1	12.02	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 12/05/18 12:55	3 40mL glass vials	HCl	N	Pump	VOCs 8260

## MONITORING WELL SAMPLE COLLECTION FORM

<b>LOCATION</b>	Site: Victoria Farms - George's Deli & Gas	LocID: MW-7B	Date: 12/05/2018								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: MIS Checked By:								
<b>EQUIPMENT</b>	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW turbidity meter, Proactive® Hurricane 2" low-flow submersible pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.								
	PID Type/ID #: NA										
<b>WELL INFO</b>	Casing I.D. (in) [a]: 4	Water Column Thickness (ft) [d-c]: 223.37	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.65	Well Volume (gal) [(d-c) x b]: 145.19 (x3=435.57)	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 62.73	Screened Interval (ft TOC): 223-283	Ground Condition of Well: Good								
	Total Well Depth (ft) [d]: 286.10	Pump depth (ft TOC): 150' Pump depth (ft bgs): 147.68	Remarks: TOC = 2.32 # AGS								
<b>CASING INFO</b>	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	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
12/05/18	09:30	62.52	0	0	0	-	-	-	-	-	-	NA	Clear, no odor
	09:35	67.40	4.88	2.0	0.4	5.36	0.162	387.7	0.31	7.86/71.2	11.24	NA	Started high to pull
	09:40	68.35	0.95	2.5	0.1	5.03	0.162	386.3	0.15	7.22/65.1	10.84	NA	pump down, dialed back
	09:45	68.98	0.63	3.5	0.2	4.95	0.162	387.9	0.20	6.98/62.3	10.48	NA	Clear, no odor
	09:50	69.35	0.37	4.5	0.2	4.90	0.161	388.8	1.17	6.52/58.2	10.37	NA	
	09:55	69.93	0.58	5.0	0.1	4.82	0.160	389.3	2.03	6.69/61.6	11.61	NA	
	10:00	71.25	1.32	6.0	0.2	4.81	0.160	387.6	1.12	6.71/62.1	11.92	NA	
✓	10:05	72.61	1.36	7.0	0.2	4.81	0.161	387.3	1.84	6.61/60.8	11.60	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

Allowed slightly higher drawdown than desired b/c pump kept slowing to a trickle otherwise.

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
MW-7B 12/05/18 10:10	3 40mL glass vials	HCl	N	Pump	VOCs 8260



## MONITORING WELL SAMPLE COLLECTION FORM

<b>LOCATION</b>	Site: Victoria Farms - George's Deli & Gas	LocID: MW-7R	Date: 12/05/2018								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: MIS    Checked By:								
<b>EQUIPMENT</b>	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW turbidity meter, Proactive®									
	PID Type/ID #: NA	Hurricane 2" low-flow submersible pump w/ controller, and HDPE tubing									
Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.											
<b>WELL INFO</b>	Casing I.D. (in) [a]: 4	Water Column Thickness (ft) [d-c]: 41.76	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/in ft) [b]: 0.65	Well Volume (gal) [(d-c) x b]: 27.1	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 58.59	Screened Interval (ft TOC): 45-100	Ground Condition of Well: Good, sticky								
	Total Well Depth (ft) [d]: 100.35	Pump depth (ft TOC): 79.5    Pump depth (ft bgs): 77.19	Remarks: TOC = 2.31 # AGS								
<b>CASING INFO</b>	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/in 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	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
12/05/18	11:04	59.82	0	0	0	—	—	—	—	—	—	NA	Clear, no odor
	11:10	59.90	0.08	1.5	0.25	4.78	0.185	399.1	0	6.69/6.9	12.08	NA	
	11:15	59.90	0	2.0	0.1	4.76	0.186	399.3	0.05	6.59/6.2	12.18	NA	
	11:20	59.91	0.01	2.5	0.1	4.75	0.187	399.3	0	6.54/6.2	12.35	NA	
	11:25	59.91	0	4	0.25	4.74	0.186	399.3	0	6.45/6.5	12.48	NA	
	11:30	59.91	0	5	0.2	4.74	0.185	399.6	0	6.30/5.7	12.24	NA	
	11:35	59.91	0	5.5	0.1	4.73	0.184	400.6	0	6.33/5.2	12.33	NA	
✓	11:40	59.91	0	6.5	0.2	4.74	0.184	400.4	0	6.42/6.0	12.39	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 12/05/18 11:40	3 40ml glass vials	HCl	N	Pump	VOCs 8260

## MONITORING WELL SAMPLE COLLECTION FORM

<b>LOCATION</b>	Site: Victoria Farms - George's Deli & Gas	LocID: <u>Lot 7 Well</u>	Date: <u>12/06/2018</u>								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: <u>MIS</u> Checked By:								
<b>EQUIPMENT</b>	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW turbidity meter, Proactive® Hurricane 2" low-flow submersible pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.								
	PID Type/ID #: NA										
<b>WELL INFO</b>	Casing I.D. (in) [a]: <u>6</u>	Water Column Thickness (ft) [d-c]: <u>100.91</u>	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: <u>1.5</u>	Well Volume (gal) [(d-c) x b]: <u>151.37 (x 3 = 454.1)</u>	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: <u>41.16</u>	Screened Interval (ft TOC): <u>21-133</u>	Ground Condition of Well: <u>Good; stickup</u>								
	Total Well Depth (ft) [d]: <u>142.07</u>	Pump depth (ft TOC): <u>92</u> Pump depth (ft bgs): <u>91.04</u>	Remarks: <u>TOC = 0.96 mg/L AOS</u>								
<b>CASING INFO</b>	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	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
<u>12/6/18</u>	<u>13:27</u>	<u>42.74</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	NA	<u>Clear, sl. odor</u>
	<u>13:30</u>	<u>43.20</u>	<u>0.46</u>	<u>1</u>	<u>0.2</u>	<u>5.19</u>	<u>0.381</u>	<u>394.6</u>	<u>3.84</u>	<u>17.72/155.0</u>	<u>11.06</u>	NA	
	<u>13:35</u>	<u>43.21</u>	<u>0.01</u>	<u>1.5</u>	<u>0.1</u>	<u>5.14</u>	<u>0.393</u>	<u>389.7</u>	<u>3.31</u>	<u>5.68/51.3</u>	<u>11.02</u>	NA	
	<u>13:40</u>	<u>43.20</u>	<u>-0.01</u>	<u>2</u>	<u>0.1</u>	<u>5.07</u>	<u>0.393</u>	<u>387.7</u>	<u>3.54</u>	<u>3.27/29.5</u>	<u>10.98</u>	NA	
	<u>13:45</u>	<u>43.20</u>	<u>0</u>	<u>2.5</u>	<u>0.1</u>	<u>5.06</u>	<u>0.394</u>	<u>386.9</u>	<u>2.08</u>	<u>2.91/26.3</u>	<u>11.01</u>	NA	
	<u>13:50</u>	<u>43.20</u>	<u>0</u>	<u>3</u>	<u>0.1</u>	<u>5.03</u>	<u>0.394</u>	<u>385.6</u>	<u>3.42</u>	<u>2.31/21.0</u>	<u>11.01</u>	NA	
	<u>13:55</u>	<u>43.25</u>	<u>0.05</u>	<u>4</u>	<u>0.2</u>	<u>5.04</u>	<u>0.397</u>	<u>382.8</u>	<u>3.24</u>	<u>2.01/18.2</u>	<u>11.06</u>	NA	<u>↑ Pump</u>
<u>✓</u>	<u>14:00</u>	<u>43.26</u>	<u>0</u>	<u>4.5</u>	<u>0.1</u>	<u>5.04</u>	<u>0.396</u>	<u>381.8</u>	<u>2.84</u>	<u>1.83/16.6</u>	<u>11.16</u>	NA	<u>✓ ✓ ✓</u>

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)
<u>Lot 7 Well 12/6/18 14:05 and Duplicate GDG-DUPE</u>	<u>3 40-ml glass vials</u>	<u>HCl</u>	<u>N</u>	<u>Pump</u>	<u>VOCs 8260</u>



## MONITORING WELL SAMPLE COLLECTION FORM

<b>LOCATION</b>	Site: Victoria Farms - George's Deli & Gas	LocID: <u>Sentinel Well</u>	Date: <u>12/3/18</u>								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: <u>DCJ</u> Checked By:								
<b>EQUIPMENT</b>	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW turbidity meter, Proactive® Hurricane 2" low-flow submersible pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.								
	PID Type/ID #: NA										
<b>WELL INFO</b>	Casing I.D. (in) [a]: <u>6.0</u>	Water Column Thickness (ft) [d-c]: <u>29.16</u>	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: <u>1.5</u>	Well Volume (gal) {[d-c] x b}: <u>131.22</u>	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: <u>43.42</u>	Screened Interval (ft TOC): <u>47-70</u>	Ground Condition of Well:								
	Total Well Depth (ft) [d]: <u>72.58</u>	Pump depth (ft TOC): <u>57'</u> Pump depth (ft bgs):	Remarks:								
<b>CASING INFO</b>	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	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO % / mg/L	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
<u>12/3/18</u>	<u>11:45</u>	<u>43.48</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>5.31</u>	<u>0.111</u>	<u>340.7</u>	<u>12.48</u>	<u>125.3/13.36</u>	<u>12.06</u>	NA	<u>clear</u>
	<u>11:50</u>	<u>43.51</u>	<u>0.03</u>	<u>1.0</u>		<u>5.30</u>	<u>0.115</u>	<u>340.4</u>	<u>8.13</u>	<u>87.7/9.38</u>	<u>12.21</u>	NA	↓ <u>clear</u> ↓ <u>clear</u> ↓ <u>Sampled.</u>
	<u>11:55</u>	<u>43.50</u>	<u>-0.01</u>	<u>1.5</u>		<u>5.03</u>	<u>0.119</u>	<u>335.4</u>	<u>7.55</u>	<u>75.5/8.07</u>	<u>12.27</u>	NA	
	<u>12:00</u>	<u>43.50</u>	<u>0.0</u>	<u>2.0</u>		<u>4.98</u>	<u>0.120</u>	<u>331.5</u>	<u>6.83</u>	<u>71.4/7.65</u>	<u>12.28</u>	NA	
	<u>12:05</u>	<u>43.50</u>	<u>0.0</u>	<u>3.0</u>		<u>4.94</u>	<u>0.122</u>	<u>329.2</u>	<u>7.23</u>	<u>69.4/7.42</u>	<u>12.27</u>	NA	
	<u>12:10</u>	<u>43.50</u>	<u>0.0</u>	<u>4.0</u>		<u>4.90</u>	<u>0.123</u>	<u>329.2</u>	<u>6.59</u>	<u>66.7/7.14</u>	<u>12.26</u>	NA	
	<u>12:15</u>	<u>43.50</u>	<u>0.0</u>	<u>5.0</u>		<u>4.88</u>	<u>0.124</u>	<u>328.9</u>	<u>5.92</u>	<u>66.8/7.16</u>	<u>12.24</u>	NA	
	<u>12:20</u>											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)
<u>Sentinel Well / 12:20</u>	<u>3 40 mL glass VOAs</u>	<u>HCl</u>	<u>N</u>	<u>Pump</u>	<u>VOcs 8260</u>

**ATTACHMENT B**

**LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY RECORDS**

12 December 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 12/05/18 10:28.

Please visit our website at [www.mdspectral.com](http://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

1500 Caton Center Dr Suite G  
 Baltimore MD 21227  
 410-247-7600  
 www.mdspectral.com  
 MD DW LabID 153

**Project: LITTLE GEORGE'S DELI**

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

**Reported:**  
 12/12/18 15:45

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SENTINEL WELL		8120505-01	Nonpotable Water	12/03/18 12:20	12/05/18 10:28
H-6		8120505-02	Nonpotable Water	12/03/18 13:45	12/05/18 10:28
MW-6		8120505-03	Nonpotable Water	12/04/18 10:25	12/05/18 10:28
602-DW		8120505-04	Drinking Water	12/03/18 15:15	12/05/18 10:28
2173-DW-POST		8120505-05	Drinking Water	12/03/18 14:30	12/05/18 10:28
2173-DW-MID		8120505-06	Drinking Water	12/03/18 14:40	12/05/18 10:28
2173-DW-PRE		8120505-07	Drinking Water	12/03/18 14:45	12/05/18 10:28
MW-4		8120505-08	Nonpotable Water	12/04/18 11:50	12/05/18 10:28
MW-2		8120505-09	Nonpotable Water	12/04/18 13:10	12/05/18 10:28
H-1A		8120505-10	Nonpotable Water	12/04/18 14:45	12/05/18 10:28



*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.*

Will Brewington, President

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/12/18 15:45

**SENTINEL WELL**

**8120505-01 (Nonpotable Water)**  
**Sample Date: 12/03/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)</b>									
Acetone	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 14:49	GM
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	12/06/18	12/06/18 14:49	GM
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
Benzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
Bromobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
Bromochloromethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
Bromodichloromethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
Bromoform	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
Bromomethane	ND		ug/L	5.0	5.0	1	12/06/18	12/06/18 14:49	GM
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	12/06/18	12/06/18 14:49	GM
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 14:49	GM
n-Butylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
Carbon disulfide	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
Chlorobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
Chloroethane	ND		ug/L	5.0	5.0	1	12/06/18	12/06/18 14:49	GM
Chloroform	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
Chloromethane	ND		ug/L	5.0	5.0	1	12/06/18	12/06/18 14:49	GM
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
Dibromochloromethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
Dibromomethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	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

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/12/18 15:45

**SENTINEL WELL**

**8120505-01 (Nonpotable Water)**  
**Sample Date: 12/03/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)</b>									
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
Ethylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
2-Hexanone	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 14:49	GM
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 14:49	GM
Methylene chloride	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 14:49	GM
Naphthalene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
n-Propylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
Styrene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
Tetrachloroethene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
Toluene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
Trichloroethene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	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

1500 Caton Center Dr Suite G  
Baltimore MD 21227  
410-247-7600  
www.mdspectral.com  
MD DW LabID 153

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/12/18 15:45

**SENTINEL WELL**

**8120505-01 (Nonpotable Water)**  
**Sample Date: 12/03/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)</b>									
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
Vinyl chloride	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
o-Xylene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 14:49	GM
<i>Surrogate: 1,2-Dichloroethane-d4</i>				<i>75-120</i>	<i>100 %</i>		<i>12/06/18</i>	<i>12/06/18 14:49</i>	
<i>Surrogate: Toluene-d8</i>				<i>84-110</i>	<i>98 %</i>		<i>12/06/18</i>	<i>12/06/18 14:49</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>				<i>78-110</i>	<i>102 %</i>		<i>12/06/18</i>	<i>12/06/18 14:49</i>	

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

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/12/18 15:45

**H-6**

**8120505-02 (Nonpotable Water)  
Sample Date: 12/03/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)</b>									
Acetone	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 15:13	GM
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	12/06/18	12/06/18 15:13	GM
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
Benzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
Bromobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
Bromochloromethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
Bromodichloromethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
Bromoform	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
Bromomethane	ND		ug/L	5.0	5.0	1	12/06/18	12/06/18 15:13	GM
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	12/06/18	12/06/18 15:13	GM
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 15:13	GM
n-Butylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
Carbon disulfide	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
Chlorobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
Chloroethane	ND		ug/L	5.0	5.0	1	12/06/18	12/06/18 15:13	GM
Chloroform	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
Chloromethane	ND		ug/L	5.0	5.0	1	12/06/18	12/06/18 15:13	GM
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
Dibromochloromethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
Dibromomethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM

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Will Brewington, President

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/12/18 15:45

**H-6**

**8120505-02 (Nonpotable Water)  
Sample Date: 12/03/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)</b>									
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
Ethylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
2-Hexanone	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 15:13	GM
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 15:13	GM
Methylene chloride	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 15:13	GM
Naphthalene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
n-Propylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
Styrene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
Tetrachloroethene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
Toluene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
Trichloroethene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM

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Will Brewington, President

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/12/18 15:45

**H-6**

**8120505-02 (Nonpotable Water)  
Sample Date: 12/03/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)</b>									
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
Vinyl chloride	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
o-Xylene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:13	GM
<i>Surrogate: 1,2-Dichloroethane-d4</i>				<i>75-120</i>	<i>100 %</i>		<i>12/06/18</i>	<i>12/06/18 15:13</i>	
<i>Surrogate: Toluene-d8</i>				<i>84-110</i>	<i>99 %</i>		<i>12/06/18</i>	<i>12/06/18 15:13</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>				<i>78-110</i>	<i>101 %</i>		<i>12/06/18</i>	<i>12/06/18 15:13</i>	

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Will Brewington, President

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/12/18 15:45

**MW-6**

**8120505-03 (Nonpotable Water)  
Sample Date: 12/04/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)</b>									
Acetone	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 15:36	GM
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	12/06/18	12/06/18 15:36	GM
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
Benzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
Bromobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
Bromochloromethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
Bromodichloromethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
Bromoform	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
Bromomethane	ND		ug/L	5.0	5.0	1	12/06/18	12/06/18 15:36	GM
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	12/06/18	12/06/18 15:36	GM
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 15:36	GM
n-Butylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
Carbon disulfide	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
Chlorobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
Chloroethane	ND		ug/L	5.0	5.0	1	12/06/18	12/06/18 15:36	GM
Chloroform	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
Chloromethane	ND		ug/L	5.0	5.0	1	12/06/18	12/06/18 15:36	GM
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
Dibromochloromethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
Dibromomethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM

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Will Brewington, President

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/12/18 15:45

**MW-6**

**8120505-03 (Nonpotable Water)  
Sample Date: 12/04/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)</b>									
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
Ethylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
2-Hexanone	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 15:36	GM
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 15:36	GM
Methylene chloride	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 15:36	GM
Naphthalene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
n-Propylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
Styrene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
1,1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
Tetrachloroethene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
Toluene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
Trichloroethene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM

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Will Brewington, President

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MD DW LabID 153

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/12/18 15:45

**MW-6**

**8120505-03 (Nonpotable Water)**  
**Sample Date: 12/04/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)</b>									
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
Vinyl chloride	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
o-Xylene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:36	GM
<i>Surrogate: 1,2-Dichloroethane-d4</i>				75-120	99 %		12/06/18	12/06/18 15:36	
<i>Surrogate: Toluene-d8</i>				84-110	98 %		12/06/18	12/06/18 15:36	
<i>Surrogate: 4-Bromofluorobenzene</i>				78-110	101 %		12/06/18	12/06/18 15:36	

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

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/12/18 15:45

**602-DW**

**8120505-04 (Drinking Water)**  
**Sample Date: 12/03/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS)</b>									
tert-Amyl alcohol (TAA)	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 14:50	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
Benzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
Bromobenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
Bromochloromethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
Bromodichloromethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
Bromoform	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
Bromomethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
tert-Butanol (TBA)	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 14:50	WB
n-Butylbenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
sec-Butylbenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
tert-Butylbenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
Carbon tetrachloride	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
Chlorobenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
Chloroethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
Chloroform	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
Chloromethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
2-Chlorotoluene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
4-Chlorotoluene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
Dibromochloromethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
1,2-Dibromoethane (EDB)	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
Dibromomethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
1,2-Dichlorobenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
1,3-Dichlorobenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
1,4-Dichlorobenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
Dichlorodifluoromethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
1,1-Dichloroethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
1,2-Dichloroethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
1,1-Dichloroethene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB

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Will Brewington, President

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/12/18 15:45

**602-DW**

**8120505-04 (Drinking Water)**  
**Sample Date: 12/03/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS) (continued)</b>									
1,2-Dichloropropane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
1,3-Dichloropropane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
2,2-Dichloropropane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
1,1-Dichloropropene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
cis-1,3-Dichloropropene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
trans-1,3-Dichloropropene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
Diisopropyl ether (DIPE)	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
Ethylbenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
Hexachlorobutadiene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
Isopropylbenzene (Cumene)	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
4-Isopropyltoluene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
<b>Methyl tert-butyl ether (MTBE)</b>	<b>0.58</b>		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
Methylene chloride	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
Naphthalene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
n-Propylbenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
Styrene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
Tetrachloroethene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
Toluene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
1,2,3-Trichlorobenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
1,1,1-Trichloroethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
1,1,2-Trichloroethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
Trichloroethene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
1,2,3-Trichloropropane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
1,2,4-Trimethylbenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
1,3,5-Trimethylbenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
Vinyl chloride	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
o-Xylene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB

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Will Brewington, President

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MD DW LabID 153

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/12/18 15:45

**602-DW**

**8120505-04 (Drinking Water)**  
**Sample Date: 12/03/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS) (continued)</b>									
m- & p-Xylenes	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 14:50	WB
Surrogate: 4-Bromofluorobenzene				89 %	12/06/18		12/06/18 14:50		
Surrogate: 1,2-Dichlorobenzene-d4				90 %	12/06/18		12/06/18 14:50		

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Will Brewington, President

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/12/18 15:45

**2173-DW-POST**

**8120505-05 (Drinking Water)**  
**Sample Date: 12/03/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS)</b>									
tert-Amyl alcohol (TAA)	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 15:12	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
Benzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
Bromobenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
Bromochloromethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
Bromodichloromethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
Bromoform	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
Bromomethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
tert-Butanol (TBA)	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 15:12	WB
n-Butylbenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
sec-Butylbenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
tert-Butylbenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
Carbon tetrachloride	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
Chlorobenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
Chloroethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
Chloroform	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
Chloromethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
2-Chlorotoluene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
4-Chlorotoluene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
Dibromochloromethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
1,2-Dibromoethane (EDB)	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
Dibromomethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
1,2-Dichlorobenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
1,3-Dichlorobenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
1,4-Dichlorobenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
Dichlorodifluoromethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
1,1-Dichloroethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
1,2-Dichloroethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
1,1-Dichloroethene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB

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Will Brewington, President

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/12/18 15:45

**2173-DW-POST**

**8120505-05 (Drinking Water)**  
**Sample Date: 12/03/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS) (continued)</b>									
1,2-Dichloropropane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
1,3-Dichloropropane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
2,2-Dichloropropane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
1,1-Dichloropropene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
cis-1,3-Dichloropropene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
trans-1,3-Dichloropropene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
Diisopropyl ether (DIPE)	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
Ethylbenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
Hexachlorobutadiene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
Isopropylbenzene (Cumene)	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
4-Isopropyltoluene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
Methylene chloride	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
Naphthalene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
n-Propylbenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
Styrene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
Tetrachloroethene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
Toluene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
1,2,3-Trichlorobenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
1,1,1-Trichloroethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
1,1,2-Trichloroethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
Trichloroethene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
1,2,3-Trichloropropane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
1,2,4-Trimethylbenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
1,3,5-Trimethylbenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
Vinyl chloride	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
o-Xylene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB

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**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/12/18 15:45

**2173-DW-POST**

**8120505-05 (Drinking Water)**  
**Sample Date: 12/03/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS) (continued)</b>									
m- & p-Xylenes	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:12	WB
Surrogate: 4-Bromofluorobenzene				86 %	12/06/18		12/06/18 15:12		
Surrogate: 1,2-Dichlorobenzene-d4				93 %	12/06/18		12/06/18 15:12		



Will Brewington, President

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**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/12/18 15:45

**2173-DW-MID**

**8120505-06 (Drinking Water)  
Sample Date: 12/03/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS)</b>									
tert-Amyl alcohol (TAA)	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 15:35	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
Benzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
Bromobenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
Bromochloromethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
Bromodichloromethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
Bromoform	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
Bromomethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
tert-Butanol (TBA)	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 15:35	WB
n-Butylbenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
sec-Butylbenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
tert-Butylbenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
Carbon tetrachloride	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
Chlorobenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
Chloroethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
Chloroform	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
Chloromethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
2-Chlorotoluene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
4-Chlorotoluene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
Dibromochloromethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
1,2-Dibromoethane (EDB)	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
Dibromomethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
1,2-Dichlorobenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
1,3-Dichlorobenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
1,4-Dichlorobenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
Dichlorodifluoromethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
1,1-Dichloroethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
1,2-Dichloroethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
1,1-Dichloroethene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB

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Will Brewington, President

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/12/18 15:45

**2173-DW-MID**

**8120505-06 (Drinking Water)  
Sample Date: 12/03/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS) (continued)</b>									
1,2-Dichloropropane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
1,3-Dichloropropane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
2,2-Dichloropropane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
1,1-Dichloropropene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
cis-1,3-Dichloropropene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
trans-1,3-Dichloropropene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
Diisopropyl ether (DIPE)	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
Ethylbenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
Hexachlorobutadiene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
Isopropylbenzene (Cumene)	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
4-Isopropyltoluene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
Methylene chloride	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
Naphthalene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
n-Propylbenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
Styrene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
Tetrachloroethene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
Toluene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
1,2,3-Trichlorobenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
1,1,1-Trichloroethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
1,1,2-Trichloroethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
Trichloroethene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
1,2,3-Trichloropropane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
1,2,4-Trimethylbenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
1,3,5-Trimethylbenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
Vinyl chloride	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
o-Xylene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB

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Will Brewington, President

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MD DW LabID 153

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/12/18 15:45

**2173-DW-MID**

**8120505-06 (Drinking Water)**  
**Sample Date: 12/03/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS) (continued)</b>									
m- & p-Xylenes	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:35	WB
Surrogate: 4-Bromofluorobenzene				80-120	90 %		12/06/18	12/06/18 15:35	
Surrogate: 1,2-Dichlorobenzene-d4				80-120	91 %		12/06/18	12/06/18 15:35	



Will Brewington, President

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**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/12/18 15:45

**2173-DW-PRE**

**8120505-07 (Drinking Water)**  
**Sample Date: 12/03/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS)</b>									
tert-Amyl alcohol (TAA)	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 15:57	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
Benzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
Bromobenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
Bromochloromethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
Bromodichloromethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
Bromoform	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
Bromomethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
tert-Butanol (TBA)	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 15:57	WB
n-Butylbenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
sec-Butylbenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
tert-Butylbenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
Carbon tetrachloride	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
Chlorobenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
Chloroethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
Chloroform	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
Chloromethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
2-Chlorotoluene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
4-Chlorotoluene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
Dibromochloromethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
1,2-Dibromoethane (EDB)	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
Dibromomethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
1,2-Dichlorobenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
1,3-Dichlorobenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
1,4-Dichlorobenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
Dichlorodifluoromethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
1,1-Dichloroethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
1,2-Dichloroethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
1,1-Dichloroethene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB

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Will Brewington, President

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/12/18 15:45

**2173-DW-PRE**

**8120505-07 (Drinking Water)**  
**Sample Date: 12/03/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS) (continued)</b>									
1,2-Dichloropropane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
1,3-Dichloropropane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
2,2-Dichloropropane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
1,1-Dichloropropene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
cis-1,3-Dichloropropene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
trans-1,3-Dichloropropene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
Diisopropyl ether (DIPE)	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
Ethylbenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
Hexachlorobutadiene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
Isopropylbenzene (Cumene)	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
4-Isopropyltoluene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
Methylene chloride	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
Naphthalene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
n-Propylbenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
Styrene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
Tetrachloroethene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
Toluene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
1,2,3-Trichlorobenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
1,1,1-Trichloroethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
1,1,2-Trichloroethane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
Trichloroethene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
1,2,3-Trichloropropane	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
1,2,4-Trimethylbenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
1,3,5-Trimethylbenzene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
Vinyl chloride	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
o-Xylene	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB

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Will Brewington, President

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MD DW LabID 153

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/12/18 15:45

**2173-DW-PRE**

**8120505-07 (Drinking Water)**  
**Sample Date: 12/03/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS) (continued)</b>									
m- & p-Xylenes	ND		ug/L	0.50	0.50	1	12/06/18	12/06/18 15:57	WB
Surrogate: 4-Bromofluorobenzene				80-120	90 %		12/06/18	12/06/18 15:57	
Surrogate: 1,2-Dichlorobenzene-d4				80-120	93 %		12/06/18	12/06/18 15:57	



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Will Brewington, President

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/12/18 15:45

**MW-4**

**8120505-08 (Nonpotable Water)  
Sample Date: 12/04/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)</b>									
Acetone	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 15:59	GM
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	12/06/18	12/06/18 15:59	GM
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
Benzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
Bromobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
Bromochloromethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
Bromodichloromethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
Bromoform	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
Bromomethane	ND		ug/L	5.0	5.0	1	12/06/18	12/06/18 15:59	GM
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	12/06/18	12/06/18 15:59	GM
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 15:59	GM
n-Butylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
Carbon disulfide	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
Chlorobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
Chloroethane	ND		ug/L	5.0	5.0	1	12/06/18	12/06/18 15:59	GM
Chloroform	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
Chloromethane	ND		ug/L	5.0	5.0	1	12/06/18	12/06/18 15:59	GM
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
Dibromochloromethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
Dibromomethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM

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Will Brewington, President

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/12/18 15:45

**MW-4**

**8120505-08 (Nonpotable Water)  
Sample Date: 12/04/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)</b>									
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
Ethylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
2-Hexanone	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 15:59	GM
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 15:59	GM
Methylene chloride	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 15:59	GM
Naphthalene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
n-Propylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
Styrene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
Tetrachloroethene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
Toluene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
Trichloroethene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	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

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/12/18 15:45

**MW-4**

**8120505-08 (Nonpotable Water)  
Sample Date: 12/04/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)</b>									
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
Vinyl chloride	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
o-Xylene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 15:59	GM
Surrogate: 1,2-Dichloroethane-d4		75-120		98 %	12/06/18		12/06/18 15:59		
Surrogate: Toluene-d8		84-110		98 %	12/06/18		12/06/18 15:59		
Surrogate: 4-Bromofluorobenzene		78-110		99 %	12/06/18		12/06/18 15:59		

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

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/12/18 15:45

**MW-2**

**8120505-09 (Nonpotable Water)  
Sample Date: 12/04/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)</b>									
Acetone	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 16:23	GM
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	12/06/18	12/06/18 16:23	GM
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
Benzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
Bromobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
Bromochloromethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
Bromodichloromethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
Bromoform	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
Bromomethane	ND		ug/L	5.0	5.0	1	12/06/18	12/06/18 16:23	GM
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	12/06/18	12/06/18 16:23	GM
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 16:23	GM
n-Butylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
Carbon disulfide	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
Chlorobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
Chloroethane	ND		ug/L	5.0	5.0	1	12/06/18	12/06/18 16:23	GM
Chloroform	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
Chloromethane	ND		ug/L	5.0	5.0	1	12/06/18	12/06/18 16:23	GM
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
Dibromochloromethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
Dibromomethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM

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Will Brewington, President

**Project: LITTLE GEORGE'S DELI**

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

12/12/18 15:45

**MW-2**

**8120505-09 (Nonpotable Water)**

Sample Date: 12/04/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)</b>									
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
Ethylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
2-Hexanone	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 16:23	GM
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 16:23	GM
Methylene chloride	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 16:23	GM
Naphthalene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
n-Propylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
Styrene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
Tetrachloroethene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
Toluene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
Trichloroethene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM

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Will Brewington, President

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/12/18 15:45

**MW-2**

**8120505-09 (Nonpotable Water)  
Sample Date: 12/04/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)</b>									
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
Vinyl chloride	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
o-Xylene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:23	GM
<i>Surrogate: 1,2-Dichloroethane-d4</i>				<i>75-120</i>	<i>101 %</i>		<i>12/06/18</i>	<i>12/06/18 16:23</i>	
<i>Surrogate: Toluene-d8</i>				<i>84-110</i>	<i>98 %</i>		<i>12/06/18</i>	<i>12/06/18 16:23</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>				<i>78-110</i>	<i>101 %</i>		<i>12/06/18</i>	<i>12/06/18 16:23</i>	

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Will Brewington, President

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/12/18 15:45

**H-1A**

**8120505-10 (Nonpotable Water)  
Sample Date: 12/04/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)</b>									
Acetone	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 16:46	GM
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	12/06/18	12/06/18 16:46	GM
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
Benzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
Bromobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
Bromochloromethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
Bromodichloromethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
Bromoform	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
Bromomethane	ND		ug/L	5.0	5.0	1	12/06/18	12/06/18 16:46	GM
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	12/06/18	12/06/18 16:46	GM
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 16:46	GM
n-Butylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
Carbon disulfide	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
Chlorobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
Chloroethane	ND		ug/L	5.0	5.0	1	12/06/18	12/06/18 16:46	GM
Chloroform	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
Chloromethane	ND		ug/L	5.0	5.0	1	12/06/18	12/06/18 16:46	GM
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
Dibromochloromethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
Dibromomethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM

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Will Brewington, President

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/12/18 15:45

**H-1A**

**8120505-10 (Nonpotable Water)  
Sample Date: 12/04/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)</b>									
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
Ethylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
2-Hexanone	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 16:46	GM
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 16:46	GM
Methylene chloride	ND		ug/L	10.0	10.0	1	12/06/18	12/06/18 16:46	GM
Naphthalene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
n-Propylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
Styrene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
Tetrachloroethene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
Toluene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
Trichloroethene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	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

1500 Caton Center Dr Suite G  
Baltimore MD 21227  
410-247-7600  
www.mdspectral.com  
MD DW LabID 153

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/12/18 15:45

**H-1A**

**8120505-10 (Nonpotable Water)**  
**Sample Date: 12/04/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)</b>									
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
Vinyl chloride	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
o-Xylene	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	12/06/18	12/06/18 16:46	GM
<i>Surrogate: 1,2-Dichloroethane-d4</i>				75-120	98 %		12/06/18	12/06/18 16:46	
<i>Surrogate: Toluene-d8</i>				84-110	98 %		12/06/18	12/06/18 16:46	
<i>Surrogate: 4-Bromofluorobenzene</i>				78-110	100 %		12/06/18	12/06/18 16:46	

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



Will Brewington, President

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/12/18 15:45

**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
- %-Solids Percent Solids is a supportive test and as such does not require accreditation

*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

Company Name: Chesapeake GeoSciences, Inc.		Project Manager: Kevin Howard		Analysis Requested		CHAIN-OF-CUSTODY RECORD			
Project Name: Little George's Dell & Gas Case No. 2007-0096-CL		Project ID: CG080348		VOCs via EPA 8260		Maryland Spectral Services, Inc. 1500 Caton Center Drive, Suite G Baltimore, MD 21227 410-247-7600 • Fax 410-247-7602 labman@mdspectral.com			
Sampler(s): Meg Staines & Devin Glancey		P.O. Number: CG080348KH		VOCs via EPA 524.2		Matrix Codes: NW (nonpotable water) PW (potable water)			
Field Sample ID	Date	Time	Water	Soil	Other	No. of Containers	Preservative: 1 + 1 HCL, H <sub>2</sub> SO <sub>4</sub> , Methanol, Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> , NaHCO <sub>3</sub>	Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank	MSS Lab ID
Sentinel Well	12/3/18	12:20	X			3	1 + 1 HCL		8128505-01
H-6	12/3/18	13:45	X			3			02
MW-6	12/4/18	10:25	X			3			03
620-DW	12/3/18	15:15	X			3			04
2173-DW-Post	12/3/18	14:30	X			3			05
2173-DW-MID	12/3/18	14:40	X			3			06
2173-DW-Pre	12/3/18	14:45	X			3			07
MW-4	12/4/18	11:50	X			3			08
MW-2	12/4/18	13:10	X			3			09
H-2A	12/4/18	14:45	X			3			10
Relinquished by (Signature) <i>[Signature]</i>		Date/Time 12/04/18 16:40		Received by Lab/Signature <i>[Signature]</i> MARIA CALKINS		Turn Around Time: <input checked="" type="checkbox"/> Normal (7 day) <input type="checkbox"/> 5 day <input type="checkbox"/> 4 day <input type="checkbox"/> 3 day <input type="checkbox"/> Rush (2 day) <input type="checkbox"/> Next Day <input type="checkbox"/> Other: _____ Specific Due Date: _____		Lab Use: Temp: 3.5 °C <input checked="" type="checkbox"/> Received on Ice <input type="checkbox"/> Received same day <input type="checkbox"/> Preservation Appropriate Sample Disposal: <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by lab <input type="checkbox"/> Archive for _____ days	
Delivery Method: Courier Client UPS FedEx USPS Other:		Special Instructions/QC Requirements & Comments: Trip Blank will be relinquished with the final set of samples approx. Thurs 12/6/18.		<p><i>[Signature]</i> Meg Staines</p> <p><i>[Signature]</i> Devin Glancey</p>		<p><i>[Signature]</i> Maria Calkins</p> <p><i>[Signature]</i> Rebecca Koornis</p>		<p>12/5/18 rec'd @ lab</p> <p>10:29</p>	

14 December 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 12/06/18 16:15.

Please visit our website at [www.mdspectral.com](http://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

1500 Caton Center Dr Suite G  
 Baltimore MD 21227  
 410-247-7600  
 www.mdspectral.com  
 MD DW LabID 153

**Project: LITTLE GEORGE'S DELI**

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

**Reported:**  
 12/14/18 09:40

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-7B		8120618-01	Nonpotable Water	12/05/18 10:10	12/06/18 16:15
GDG-EFB	EQUIP FIELD BLANK	8120618-02	Nonpotable Water	12/05/18 10:45	12/06/18 16:15
MW-7R		8120618-03	Nonpotable Water	12/05/18 11:40	12/06/18 16:15
MW-7A		8120618-04	Nonpotable Water	12/05/18 12:55	12/06/18 16:15
2040-DW		8120618-05	DRINKING WATER	12/05/18 14:00	12/06/18 16:15
MW-1		8120618-06	Nonpotable Water	12/06/18 10:55	12/06/18 16:15
MW-1A		8120618-07	Nonpotable Water	12/06/18 12:40	12/06/18 16:15
LOT 7 WELL		8120618-08	Nonpotable Water	12/06/18 14:05	12/06/18 16:15
GAC-EFF		8120618-09	Nonpotable Water	12/06/18 14:30	12/06/18 16:15
GDG-DUPE		8120618-10	Nonpotable Water	12/06/18 00:00	12/06/18 16:15
GDG-TB		8120618-11	Nonpotable Water	12/03/18 08:30	12/06/18 16:15



*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

**Project: LITTLE GEORGE'S DELI**

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

12/14/18 09:40

**MW-7B**

**8120618-01 (Nonpotable Water)**

Sample Date: 12/05/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)</b>									
Acetone	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 18:57	GM
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	12/07/18	12/07/18 18:57	GM
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
Benzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
Bromobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
Bromochloromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
Bromodichloromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
Bromoform	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
Bromomethane	ND		ug/L	5.0	5.0	1	12/07/18	12/07/18 18:57	GM
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	12/07/18	12/07/18 18:57	GM
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 18:57	GM
n-Butylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
Carbon disulfide	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
Chlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
Chloroethane	ND		ug/L	5.0	5.0	1	12/07/18	12/07/18 18:57	GM
Chloroform	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
Chloromethane	ND		ug/L	5.0	5.0	1	12/07/18	12/07/18 18:57	GM
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
Dibromochloromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
Dibromomethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM

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Will Brewington, President

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/14/18 09:40

**MW-7B**

**8120618-01 (Nonpotable Water)**  
**Sample Date: 12/05/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)</b>									
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
Ethylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
2-Hexanone	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 18:57	GM
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 18:57	GM
Methylene chloride	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 18:57	GM
Naphthalene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
n-Propylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
Styrene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
Tetrachloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
Toluene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
Trichloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM

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Will Brewington, President

1500 Caton Center Dr Suite G  
Baltimore MD 21227  
410-247-7600  
www.mdspectral.com  
MD DW LabID 153

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/14/18 09:40

**MW-7B**

**8120618-01 (Nonpotable Water)**  
**Sample Date: 12/05/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)</b>									
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
Vinyl chloride	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
o-Xylene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 18:57	GM
<i>Surrogate: 1,2-Dichloroethane-d4</i>				<i>75-120</i>	<i>100 %</i>		<i>12/07/18</i>	<i>12/07/18 18:57</i>	
<i>Surrogate: Toluene-d8</i>				<i>84-110</i>	<i>98 %</i>		<i>12/07/18</i>	<i>12/07/18 18:57</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>				<i>78-110</i>	<i>100 %</i>		<i>12/07/18</i>	<i>12/07/18 18:57</i>	

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

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/14/18 09:40

**GDG-EFB  
EQUIP FIELD BLANK  
8120618-02 (Nonpotable Water)  
Sample Date: 12/05/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)</b>									
Acetone	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 19:20	GM
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	12/07/18	12/07/18 19:20	GM
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
Benzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
Bromobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
Bromochloromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
Bromodichloromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
Bromoform	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
Bromomethane	ND		ug/L	5.0	5.0	1	12/07/18	12/07/18 19:20	GM
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	12/07/18	12/07/18 19:20	GM
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 19:20	GM
n-Butylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
Carbon disulfide	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
Chlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
Chloroethane	ND		ug/L	5.0	5.0	1	12/07/18	12/07/18 19:20	GM
Chloroform	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
Chloromethane	ND		ug/L	5.0	5.0	1	12/07/18	12/07/18 19:20	GM
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
Dibromochloromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
Dibromomethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM

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Will Brewington, President

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/14/18 09:40

**GDG-EFB  
EQUIP FIELD BLANK  
8120618-02 (Nonpotable Water)  
Sample Date: 12/05/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)</b>									
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
Ethylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
2-Hexanone	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 19:20	GM
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 19:20	GM
Methylene chloride	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 19:20	GM
Naphthalene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
n-Propylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
Styrene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
Tetrachloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
Toluene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
Trichloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM

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Will Brewington, President

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MD DW LabID 153

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/14/18 09:40

**GDG-EFB  
EQUIP FIELD BLANK  
8120618-02 (Nonpotable Water)  
Sample Date: 12/05/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)</b>									
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
Vinyl chloride	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
o-Xylene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:20	GM
<i>Surrogate: 1,2-Dichloroethane-d4</i>				<i>75-120</i>	<i>102 %</i>		<i>12/07/18</i>	<i>12/07/18 19:20</i>	
<i>Surrogate: Toluene-d8</i>				<i>84-110</i>	<i>97 %</i>		<i>12/07/18</i>	<i>12/07/18 19:20</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>				<i>78-110</i>	<i>102 %</i>		<i>12/07/18</i>	<i>12/07/18 19:20</i>	

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Will Brewington, President

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/14/18 09:40

**MW-7R**

**8120618-03 (Nonpotable Water)  
Sample Date: 12/05/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)</b>									
Acetone	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 19:43	GM
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	12/07/18	12/07/18 19:43	GM
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
Benzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
Bromobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
Bromochloromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
Bromodichloromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
Bromoform	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
Bromomethane	ND		ug/L	5.0	5.0	1	12/07/18	12/07/18 19:43	GM
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	12/07/18	12/07/18 19:43	GM
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 19:43	GM
n-Butylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
Carbon disulfide	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
Chlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
Chloroethane	ND		ug/L	5.0	5.0	1	12/07/18	12/07/18 19:43	GM
Chloroform	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
Chloromethane	ND		ug/L	5.0	5.0	1	12/07/18	12/07/18 19:43	GM
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
Dibromochloromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
Dibromomethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM

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Will Brewington, President

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/14/18 09:40

**MW-7R**

**8120618-03 (Nonpotable Water)**  
**Sample Date: 12/05/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)</b>									
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
Ethylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
2-Hexanone	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 19:43	GM
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 19:43	GM
Methylene chloride	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 19:43	GM
Naphthalene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
n-Propylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
Styrene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
Tetrachloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
Toluene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
Trichloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM

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MD DW LabID 153

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/14/18 09:40

**MW-7R**

**8120618-03 (Nonpotable Water)**  
**Sample Date: 12/05/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)</b>									
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
Vinyl chloride	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
o-Xylene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 19:43	GM
<i>Surrogate: 1,2-Dichloroethane-d4</i>				75-120	99 %		12/07/18	12/07/18 19:43	
<i>Surrogate: Toluene-d8</i>				84-110	98 %		12/07/18	12/07/18 19:43	
<i>Surrogate: 4-Bromofluorobenzene</i>				78-110	102 %		12/07/18	12/07/18 19:43	

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Will Brewington, President

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/14/18 09:40

**MW-7A**

**8120618-04 (Nonpotable Water)  
Sample Date: 12/05/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)</b>									
Acetone	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 20:06	GM
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	12/07/18	12/07/18 20:06	GM
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
Benzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
Bromobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
Bromochloromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
Bromodichloromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
Bromoform	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
Bromomethane	ND		ug/L	5.0	5.0	1	12/07/18	12/07/18 20:06	GM
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	12/07/18	12/07/18 20:06	GM
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 20:06	GM
n-Butylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
Carbon disulfide	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
Chlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
Chloroethane	ND		ug/L	5.0	5.0	1	12/07/18	12/07/18 20:06	GM
Chloroform	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
Chloromethane	ND		ug/L	5.0	5.0	1	12/07/18	12/07/18 20:06	GM
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
Dibromochloromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
Dibromomethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM

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Will Brewington, President

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/14/18 09:40

**MW-7A**

**8120618-04 (Nonpotable Water)  
Sample Date: 12/05/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)</b>									
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
Ethylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
2-Hexanone	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 20:06	GM
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
<b>Methyl tert-butyl ether (MTBE)</b>	<b>9.3</b>		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 20:06	GM
Methylene chloride	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 20:06	GM
Naphthalene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
n-Propylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
Styrene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
Tetrachloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
Toluene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
Trichloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	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

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/14/18 09:40

**MW-7A**

**8120618-04 (Nonpotable Water)**  
**Sample Date: 12/05/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)</b>									
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
Vinyl chloride	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
o-Xylene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:06	GM
<i>Surrogate: 1,2-Dichloroethane-d4</i>				<i>75-120</i>	<i>101 %</i>		<i>12/07/18</i>	<i>12/07/18 20:06</i>	
<i>Surrogate: Toluene-d8</i>				<i>84-110</i>	<i>99 %</i>		<i>12/07/18</i>	<i>12/07/18 20:06</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>				<i>78-110</i>	<i>100 %</i>		<i>12/07/18</i>	<i>12/07/18 20:06</i>	

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Will Brewington, President

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/14/18 09:40

**2040-DW**

**8120618-05RE1 (DRINKING WATER)**  
Sample Date: 12/05/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS)</b>									
tert-Amyl alcohol (TAA)	ND		ug/L	10.0	10.0	1	12/12/18	12/12/18 15:02	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
Benzene	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
Bromobenzene	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
Bromochloromethane	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
Bromodichloromethane	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
Bromoform	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
Bromomethane	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
tert-Butanol (TBA)	ND		ug/L	10.0	10.0	1	12/12/18	12/12/18 15:02	WB
n-Butylbenzene	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
sec-Butylbenzene	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
tert-Butylbenzene	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
Carbon tetrachloride	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
Chlorobenzene	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
Chloroethane	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
Chloroform	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
Chloromethane	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
2-Chlorotoluene	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
4-Chlorotoluene	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
Dibromochloromethane	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
1,2-Dibromoethane (EDB)	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
Dibromomethane	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
1,2-Dichlorobenzene	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
1,3-Dichlorobenzene	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
1,4-Dichlorobenzene	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
Dichlorodifluoromethane	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
1,1-Dichloroethane	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
1,2-Dichloroethane	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
1,1-Dichloroethene	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB

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Will Brewington, President

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/14/18 09:40

**2040-DW**

**8120618-05RE1 (DRINKING WATER)**  
Sample Date: 12/05/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS) (continued)</b>									
1,2-Dichloropropane	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
1,3-Dichloropropane	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
2,2-Dichloropropane	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
1,1-Dichloropropene	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
cis-1,3-Dichloropropene	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
trans-1,3-Dichloropropene	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
Diisopropyl ether (DIPE)	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
Ethylbenzene	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
Hexachlorobutadiene	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
Isopropylbenzene (Cumene)	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
4-Isopropyltoluene	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
<b>Methyl tert-butyl ether (MTBE)</b>	<b>1.78</b>		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
Methylene chloride	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
Naphthalene	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
n-Propylbenzene	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
Styrene	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
Tetrachloroethene	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
Toluene	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
1,2,3-Trichlorobenzene	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
1,1,1-Trichloroethane	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
1,1,2-Trichloroethane	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
Trichloroethene	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
1,2,3-Trichloropropane	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
1,2,4-Trimethylbenzene	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
1,3,5-Trimethylbenzene	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
Vinyl chloride	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
o-Xylene	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB

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Will Brewington, President

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**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/14/18 09:40

**2040-DW**

**8120618-05RE1 (DRINKING WATER)**  
Sample Date: 12/05/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS) (continued)</b>									
m- & p-Xylenes	ND		ug/L	0.50	0.50	1	12/12/18	12/12/18 15:02	WB
Surrogate: 4-Bromofluorobenzene			80-120	89 %	12/12/18		12/12/18 15:02		
Surrogate: 1,2-Dichlorobenzene-d4			80-120	96 %	12/12/18		12/12/18 15:02		

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Will Brewington, President

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/14/18 09:40

**MW-1**

**8120618-06 (Nonpotable Water)  
Sample Date: 12/06/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)</b>									
Acetone	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 20:53	GM
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	12/07/18	12/07/18 20:53	GM
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
Benzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
Bromobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
Bromochloromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
Bromodichloromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
Bromoform	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
Bromomethane	ND		ug/L	5.0	5.0	1	12/07/18	12/07/18 20:53	GM
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	12/07/18	12/07/18 20:53	GM
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 20:53	GM
n-Butylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
Carbon disulfide	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
Chlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
Chloroethane	ND		ug/L	5.0	5.0	1	12/07/18	12/07/18 20:53	GM
Chloroform	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
Chloromethane	ND		ug/L	5.0	5.0	1	12/07/18	12/07/18 20:53	GM
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
Dibromochloromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
Dibromomethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	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

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/14/18 09:40

**MW-1**

**8120618-06 (Nonpotable Water)**  
**Sample Date: 12/06/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)</b>									
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
Ethylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
2-Hexanone	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 20:53	GM
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
<b>Methyl tert-butyl ether (MTBE)</b>	<b>2.4</b>	J	ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 20:53	GM
Methylene chloride	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 20:53	GM
Naphthalene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
n-Propylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
Styrene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
Tetrachloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
Toluene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
Trichloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM

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**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/14/18 09:40

**MW-1**

**8120618-06 (Nonpotable Water)**  
**Sample Date: 12/06/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)</b>									
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
Vinyl chloride	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
o-Xylene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 20:53	GM
<i>Surrogate: 1,2-Dichloroethane-d4</i>				75-120	99 %		12/07/18	12/07/18 20:53	
<i>Surrogate: Toluene-d8</i>				84-110	97 %		12/07/18	12/07/18 20:53	
<i>Surrogate: 4-Bromofluorobenzene</i>				78-110	101 %		12/07/18	12/07/18 20:53	

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Will Brewington, President

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/14/18 09:40

**MW-1A**

**8120618-07 (Nonpotable Water)**  
**Sample Date: 12/06/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)</b>									
Acetone	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 21:16	GM
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	12/07/18	12/07/18 21:16	GM
<b>tert-Amyl methyl ether (TAME)</b>	<b>5.5</b>		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
Benzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
Bromobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
Bromochloromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
Bromodichloromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
Bromoform	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
Bromomethane	ND		ug/L	5.0	5.0	1	12/07/18	12/07/18 21:16	GM
<b>tert-Butanol (TBA)</b>	<b>29.4</b>		ug/L	15.0	15.0	1	12/07/18	12/07/18 21:16	GM
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 21:16	GM
n-Butylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
Carbon disulfide	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
Chlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
Chloroethane	ND		ug/L	5.0	5.0	1	12/07/18	12/07/18 21:16	GM
Chloroform	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
Chloromethane	ND		ug/L	5.0	5.0	1	12/07/18	12/07/18 21:16	GM
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
Dibromochloromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
Dibromomethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM

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Will Brewington, President

**Project: LITTLE GEORGE'S DELI**

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

12/14/18 09:40

**MW-1A**

**8120618-07 (Nonpotable Water)**

Sample Date: 12/06/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)</b>									
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
Ethylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
2-Hexanone	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 21:16	GM
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
<b>Methyl tert-butyl ether (MTBE)</b>	<b>82.2</b>		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 21:16	GM
Methylene chloride	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 21:16	GM
Naphthalene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
n-Propylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
Styrene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
Tetrachloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
Toluene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
Trichloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM

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**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/14/18 09:40

**MW-1A**

**8120618-07 (Nonpotable Water)**  
**Sample Date: 12/06/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)</b>									
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
Vinyl chloride	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
o-Xylene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 21:16	GM
<i>Surrogate: 1,2-Dichloroethane-d4</i>				<i>75-120</i>	<i>100 %</i>		<i>12/07/18</i>	<i>12/07/18 21:16</i>	
<i>Surrogate: Toluene-d8</i>				<i>84-110</i>	<i>98 %</i>		<i>12/07/18</i>	<i>12/07/18 21:16</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>				<i>78-110</i>	<i>102 %</i>		<i>12/07/18</i>	<i>12/07/18 21:16</i>	

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Will Brewington, President

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/14/18 09:40

**LOT 7 WELL**

**8120618-08RE1 (Nonpotable Water)**  
**Sample Date: 12/06/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)</b>									
Acetone	ND		ug/L	30.0	30.0	3	12/13/18	12/13/18 15:57	GM
tert-Amyl alcohol (TAA)	ND		ug/L	60.0	60.0	3	12/13/18	12/13/18 15:57	GM
<b>tert-Amyl methyl ether (TAME)</b>	<b>22.0</b>		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
Benzene	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
Bromobenzene	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
Bromochloromethane	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
Bromodichloromethane	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
Bromoform	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
Bromomethane	ND		ug/L	15.0	15.0	3	12/13/18	12/13/18 15:57	GM
<b>tert-Butanol (TBA)</b>	<b>120</b>		ug/L	45.0	45.0	3	12/13/18	12/13/18 15:57	GM
2-Butanone (MEK)	ND		ug/L	30.0	30.0	3	12/13/18	12/13/18 15:57	GM
n-Butylbenzene	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
sec-Butylbenzene	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
tert-Butylbenzene	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
Carbon disulfide	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
Carbon tetrachloride	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
Chlorobenzene	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
Chloroethane	ND		ug/L	15.0	15.0	3	12/13/18	12/13/18 15:57	GM
Chloroform	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
Chloromethane	ND		ug/L	15.0	15.0	3	12/13/18	12/13/18 15:57	GM
2-Chlorotoluene	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
4-Chlorotoluene	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
Dibromochloromethane	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
1,2-Dibromo-3-chloropropane	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
1,2-Dibromoethane (EDB)	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
Dibromomethane	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
1,2-Dichlorobenzene	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
1,3-Dichlorobenzene	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
1,4-Dichlorobenzene	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
Dichlorodifluoromethane	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
1,1-Dichloroethane	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
1,2-Dichloroethane	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM

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Will Brewington, President

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/14/18 09:40

**LOT 7 WELL**

**8120618-08RE1 (Nonpotable Water)**  
**Sample Date: 12/06/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)</b>									
1,1-Dichloroethene	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
cis-1,2-Dichloroethene	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
trans-1,2-Dichloroethene	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
Dichlorofluoromethane	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
1,2-Dichloropropane	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
1,3-Dichloropropane	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
2,2-Dichloropropane	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
1,1-Dichloropropene	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
cis-1,3-Dichloropropene	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
trans-1,3-Dichloropropene	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
Diisopropyl ether (DIPE)	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
Ethyl tert-butyl ether (ETBE)	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
Ethylbenzene	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
Hexachlorobutadiene	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
2-Hexanone	ND		ug/L	30.0	30.0	3	12/13/18	12/13/18 15:57	GM
Isopropylbenzene (Cumene)	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
4-Isopropyltoluene	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
<b>Methyl tert-butyl ether (MTBE)</b>	<b>362</b>		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
4-Methyl-2-pentanone	ND		ug/L	30.0	30.0	3	12/13/18	12/13/18 15:57	GM
Methylene chloride	ND		ug/L	30.0	30.0	3	12/13/18	12/13/18 15:57	GM
Naphthalene	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
n-Propylbenzene	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
Styrene	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
1,1,1,2-Tetrachloroethane	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
1,1,2,2-Tetrachloroethane	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
Tetrachloroethene	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
Toluene	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
1,2,3-Trichlorobenzene	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
1,2,4-Trichlorobenzene	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
1,1,1-Trichloroethane	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
1,1,2-Trichloroethane	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
Trichloroethene	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM

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**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/14/18 09:40

**LOT 7 WELL**

**8120618-08RE1 (Nonpotable Water)**  
**Sample Date: 12/06/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)</b>									
Trichlorofluoromethane (Freon 11)	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
1,2,3-Trichloropropane	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
1,2,4-Trimethylbenzene	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
1,3,5-Trimethylbenzene	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
Vinyl chloride	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
o-Xylene	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
m- & p-Xylenes	ND		ug/L	15.0	6.0	3	12/13/18	12/13/18 15:57	GM
<i>Surrogate: 1,2-Dichloroethane-d4</i>				75-120	97 %		12/13/18	12/13/18 15:57	
<i>Surrogate: Toluene-d8</i>				84-110	96 %		12/13/18	12/13/18 15:57	
<i>Surrogate: 4-Bromofluorobenzene</i>				78-110	100 %		12/13/18	12/13/18 15:57	

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Will Brewington, President

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/14/18 09:40

**GAC-EFF**

**8120618-09 (Nonpotable Water)**  
**Sample Date: 12/06/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)</b>									
Acetone	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 22:02	GM
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	12/07/18	12/07/18 22:02	GM
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
Benzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
Bromobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
Bromochloromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
Bromodichloromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
Bromoform	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
Bromomethane	ND		ug/L	5.0	5.0	1	12/07/18	12/07/18 22:02	GM
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	12/07/18	12/07/18 22:02	GM
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 22:02	GM
n-Butylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
Carbon disulfide	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
Chlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
Chloroethane	ND		ug/L	5.0	5.0	1	12/07/18	12/07/18 22:02	GM
Chloroform	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
Chloromethane	ND		ug/L	5.0	5.0	1	12/07/18	12/07/18 22:02	GM
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
Dibromochloromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
Dibromomethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM

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Will Brewington, President

**Project: LITTLE GEORGE'S DELI**

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

12/14/18 09:40

**GAC-EFF**

**8120618-09 (Nonpotable Water)**

**Sample Date: 12/06/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)</b>									
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
Ethylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
2-Hexanone	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 22:02	GM
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 22:02	GM
Methylene chloride	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 22:02	GM
Naphthalene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
n-Propylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
Styrene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
1,1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
Tetrachloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
Toluene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
Trichloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM

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Will Brewington, President

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**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/14/18 09:40

**GAC-EFF**

**8120618-09 (Nonpotable Water)**  
**Sample Date: 12/06/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)</b>									
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
Vinyl chloride	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
o-Xylene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:02	GM
<i>Surrogate: 1,2-Dichloroethane-d4</i>			75-120	100 %			12/07/18	12/07/18 22:02	
<i>Surrogate: Toluene-d8</i>			84-110	98 %			12/07/18	12/07/18 22:02	
<i>Surrogate: 4-Bromofluorobenzene</i>			78-110	100 %			12/07/18	12/07/18 22:02	
<b>GASOLINE RANGE ORGANICS BY EPA 8015C</b>									
Gasoline-Range Organics	ND		ug/L	100	100	1	12/07/18	12/07/18 17:07	GM



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Will Brewington, President

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/14/18 09:40

**GDG-DUPE**

**8120618-10RE1 (Nonpotable Water)**  
**Sample Date: 12/06/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)</b>									
Acetone	ND		ug/L	20.0	20.0	2	12/10/18	12/10/18 19:12	GM
tert-Amyl alcohol (TAA)	ND		ug/L	40.0	40.0	2	12/10/18	12/10/18 19:12	GM
<b>tert-Amyl methyl ether (TAME)</b>	<b>23.1</b>		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
Benzene	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
Bromobenzene	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
Bromochloromethane	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
Bromodichloromethane	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
Bromoform	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
Bromomethane	ND		ug/L	10.0	10.0	2	12/10/18	12/10/18 19:12	GM
<b>tert-Butanol (TBA)</b>	<b>114</b>		ug/L	30.0	30.0	2	12/10/18	12/10/18 19:12	GM
2-Butanone (MEK)	ND		ug/L	20.0	20.0	2	12/10/18	12/10/18 19:12	GM
n-Butylbenzene	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
sec-Butylbenzene	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
tert-Butylbenzene	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
Carbon disulfide	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
Carbon tetrachloride	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
Chlorobenzene	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
Chloroethane	ND		ug/L	10.0	10.0	2	12/10/18	12/10/18 19:12	GM
Chloroform	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
Chloromethane	ND		ug/L	10.0	10.0	2	12/10/18	12/10/18 19:12	GM
2-Chlorotoluene	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
4-Chlorotoluene	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
Dibromochloromethane	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
1,2-Dibromo-3-chloropropane	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
1,2-Dibromoethane (EDB)	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
Dibromomethane	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
1,2-Dichlorobenzene	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
1,3-Dichlorobenzene	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
1,4-Dichlorobenzene	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
Dichlorodifluoromethane	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
1,1-Dichloroethane	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
1,2-Dichloroethane	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM

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Will Brewington, President

**Project: LITTLE GEORGE'S DELI**

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

12/14/18 09:40

**GDG-DUPE**

**8120618-10RE1 (Nonpotable Water)**

Sample Date: 12/06/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)</b>									
1,1-Dichloroethene	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
cis-1,2-Dichloroethene	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
trans-1,2-Dichloroethene	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
Dichlorofluoromethane	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
1,2-Dichloropropane	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
1,3-Dichloropropane	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
2,2-Dichloropropane	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
1,1-Dichloropropene	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
cis-1,3-Dichloropropene	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
trans-1,3-Dichloropropene	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
Diisopropyl ether (DIPE)	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
Ethyl tert-butyl ether (ETBE)	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
Ethylbenzene	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
Hexachlorobutadiene	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
2-Hexanone	ND		ug/L	20.0	20.0	2	12/10/18	12/10/18 19:12	GM
Isopropylbenzene (Cumene)	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
4-Isopropyltoluene	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
<b>Methyl tert-butyl ether (MTBE)</b>	<b>372</b>		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
4-Methyl-2-pentanone	ND		ug/L	20.0	20.0	2	12/10/18	12/10/18 19:12	GM
Methylene chloride	ND		ug/L	20.0	20.0	2	12/10/18	12/10/18 19:12	GM
Naphthalene	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
n-Propylbenzene	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
Styrene	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
1,1,1,2-Tetrachloroethane	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
1,1,2,2-Tetrachloroethane	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
Tetrachloroethene	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
Toluene	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
1,2,3-Trichlorobenzene	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
1,2,4-Trichlorobenzene	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
1,1,1-Trichloroethane	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
1,1,2-Trichloroethane	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
Trichloroethene	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM

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Will Brewington, President

1500 Caton Center Dr Suite G  
Baltimore MD 21227  
410-247-7600  
www.mdspectral.com  
MD DW LabID 153

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/14/18 09:40

**GDG-DUPE**

**8120618-10RE1 (Nonpotable Water)**  
**Sample Date: 12/06/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)</b>									
Trichlorofluoromethane (Freon 11)	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
1,2,3-Trichloropropane	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
1,2,4-Trimethylbenzene	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
1,3,5-Trimethylbenzene	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
Vinyl chloride	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
o-Xylene	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
m- & p-Xylenes	ND		ug/L	10.0	4.0	2	12/10/18	12/10/18 19:12	GM
<i>Surrogate: 1,2-Dichloroethane-d4</i>				75-120	99 %		12/10/18	12/10/18 19:12	
<i>Surrogate: Toluene-d8</i>				84-110	96 %		12/10/18	12/10/18 19:12	
<i>Surrogate: 4-Bromofluorobenzene</i>				78-110	101 %		12/10/18	12/10/18 19:12	

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

**Project: LITTLE GEORGE'S DELI**

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

12/14/18 09:40

**GDG-TB**

**8120618-11 (Nonpotable Water)**

Sample Date: 12/03/18

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)</b>									
Acetone	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 22:49	GM
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	12/07/18	12/07/18 22:49	GM
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
Benzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
Bromobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
Bromochloromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
Bromodichloromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
Bromoform	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
Bromomethane	ND		ug/L	5.0	5.0	1	12/07/18	12/07/18 22:49	GM
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	12/07/18	12/07/18 22:49	GM
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 22:49	GM
n-Butylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
Carbon disulfide	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
Chlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
Chloroethane	ND		ug/L	5.0	5.0	1	12/07/18	12/07/18 22:49	GM
Chloroform	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
Chloromethane	ND		ug/L	5.0	5.0	1	12/07/18	12/07/18 22:49	GM
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
Dibromochloromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
Dibromomethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM

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Will Brewington, President

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/14/18 09:40

**GDG-TB**

**8120618-11 (Nonpotable Water)**  
**Sample Date: 12/03/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)</b>									
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
Ethylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
2-Hexanone	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 22:49	GM
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 22:49	GM
Methylene chloride	ND		ug/L	10.0	10.0	1	12/07/18	12/07/18 22:49	GM
Naphthalene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
n-Propylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
Styrene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
1,1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
Tetrachloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
Toluene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
Trichloroethene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM

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Will Brewington, President

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410-247-7600  
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MD DW LabID 153

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/14/18 09:40

**GDG-TB**

**8120618-11 (Nonpotable Water)**  
**Sample Date: 12/03/18**

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
<b>VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)</b>									
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
Vinyl chloride	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
o-Xylene	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	12/07/18	12/07/18 22:49	GM
<i>Surrogate: 1,2-Dichloroethane-d4</i>				75-120	99 %		12/07/18	12/07/18 22:49	
<i>Surrogate: Toluene-d8</i>				84-110	98 %		12/07/18	12/07/18 22:49	
<i>Surrogate: 4-Bromofluorobenzene</i>				78-110	100 %		12/07/18	12/07/18 22:49	

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Will Brewington, President

**Project: LITTLE GEORGE'S DELI**

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

Reported:  
12/14/18 09:40

**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
- %-Solids Percent Solids is a supportive test and as such does not require accreditation

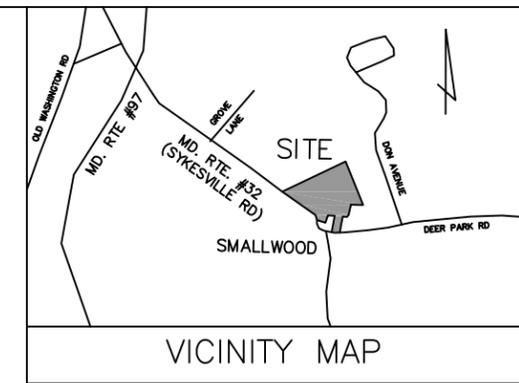
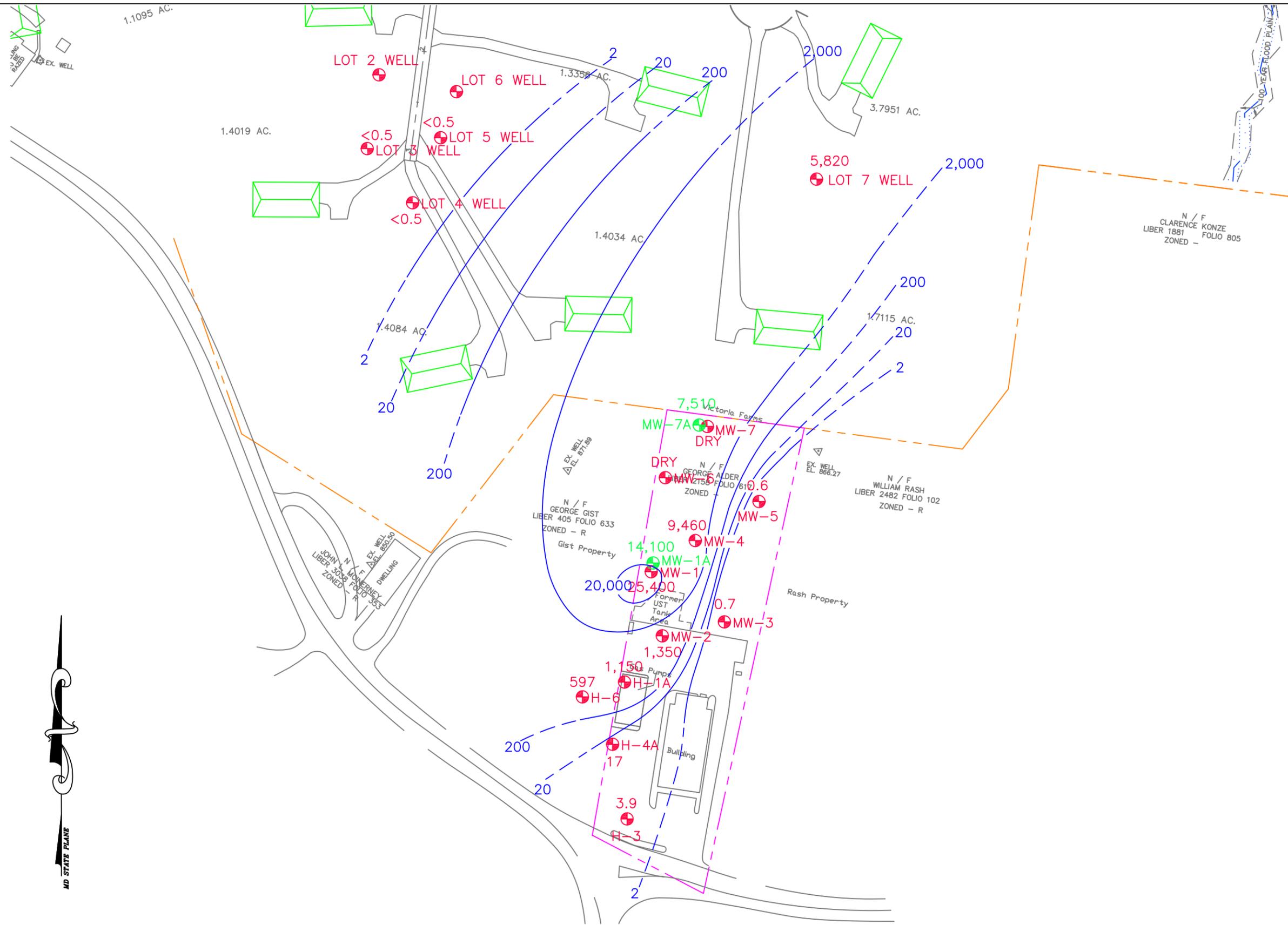
*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



Will Brewington, President

Company Name: Chesapeake GeoSciences, Inc.		Project Manager: Kevin Howard		Analysis Requested		CHAIN-OF-CUSTODY RECORD	
Project Name: Little George's Deli & Gas Case No. 2007-0096-CL		Project ID: CG080348		VOCs via EPA 524.2		Maryland Spectral Services, Inc. 1500 Caton Center Drive, Suite G Baltimore, MD 21227 410-247-7600 • Fax 410-247-7602 labman@mdspectral.com	
Sampler(s): Meg Staines & Devin Glancey		P.O. Number: CG080348KH		VOCs via EPA 8260		Matrix Codes: NW (nonpotable water) PW (potable water)	
Field Sample ID	Date	Time	Water	Soil	Other	Preservative: 1 + 1 HCL, H <sub>2</sub> SO <sub>4</sub> , Methanol, Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> , NaHCO <sub>3</sub>	MSS Lab ID
MW-7B	12/5/18	10:10	X			1+1 HCL	8120V18-01
GDG-EFB		10:45	X			Equip Field Blank	-02
MW-7R		11:40	X				-03
MW-7A		12:55	X				-04
2040-DW		14:00	X		X		-05
MW-1	12/6/18	10:55	X				-06
MW-1A		12:40	X				-07
Lot 7 Well		14:05	X				-08
GAC-EFF		14:30	X		X		-09
GDG-DUPE		00:00	X		X		-10
GDG-TB	12/5/18	08:30	X			✓ Trip Blank	-11
Rel. (Printed) (Signature)		Date/Time		Received by Lab: (Signature)		Lab Use:	
Meg Staines		12/6/18		by [Signature]		Temp: 6.0 °C <input checked="" type="checkbox"/> Received on Ice <input checked="" type="checkbox"/> Received same day <input type="checkbox"/> Preservation Appropriate	
Meg Staines		1600		Grody Mulhal		Sample Disposal: <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by lab <input type="checkbox"/> Archive for ___ days	
Very Method: Courier Client UPS FedEx USPS Other:		Special Instructions/IC Requirements & Comments: Trip Blank also applies to samples submitted 12/5/2018.		Turn Around Time: <input checked="" type="checkbox"/> Normal (7 day) <input type="checkbox"/> 5 day <input type="checkbox"/> 4 day <input type="checkbox"/> 3 day <input type="checkbox"/> Rush (2 day) <input type="checkbox"/> Next Day <input type="checkbox"/> Other: _____ <input type="checkbox"/> Specific Due Date: _____			

**ATTACHMENT C**  
**PRIOR MTBE ISOCONCENTRATION MAPS**



N / F  
CLARENCE KONZE  
LIBER 1881 FOLIO 805  
ZONED -

N / F  
GEORGE GIST  
LIBER 405 FOLIO 633  
ZONED - R  
Gist Property

N / F  
WILLIAM RASH  
LIBER 2482 FOLIO 102  
ZONED - R  
Rash Property

JOHN N. MONERNEY  
LIBER 3038 FOLIO 353  
ZONED - R  
Dwelling

Former  
UST  
Tank  
Area

1,150  
Pumps

597  
H-6

H-4A  
17

3.9  
H-3

1,350  
Building

14,100  
MW-1A

20,000  
MW-1

25,400  
MW-2

9,460  
MW-4

0.7  
MW-3

0.6  
MW-5

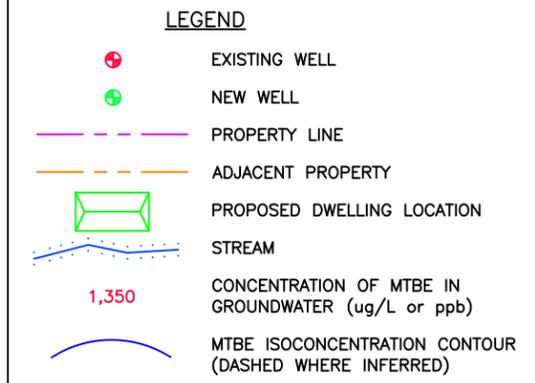
7,510  
MW-7A

DRY  
MW-7

DRY  
MW-6

0.6  
MW-5

0.7  
MW-3



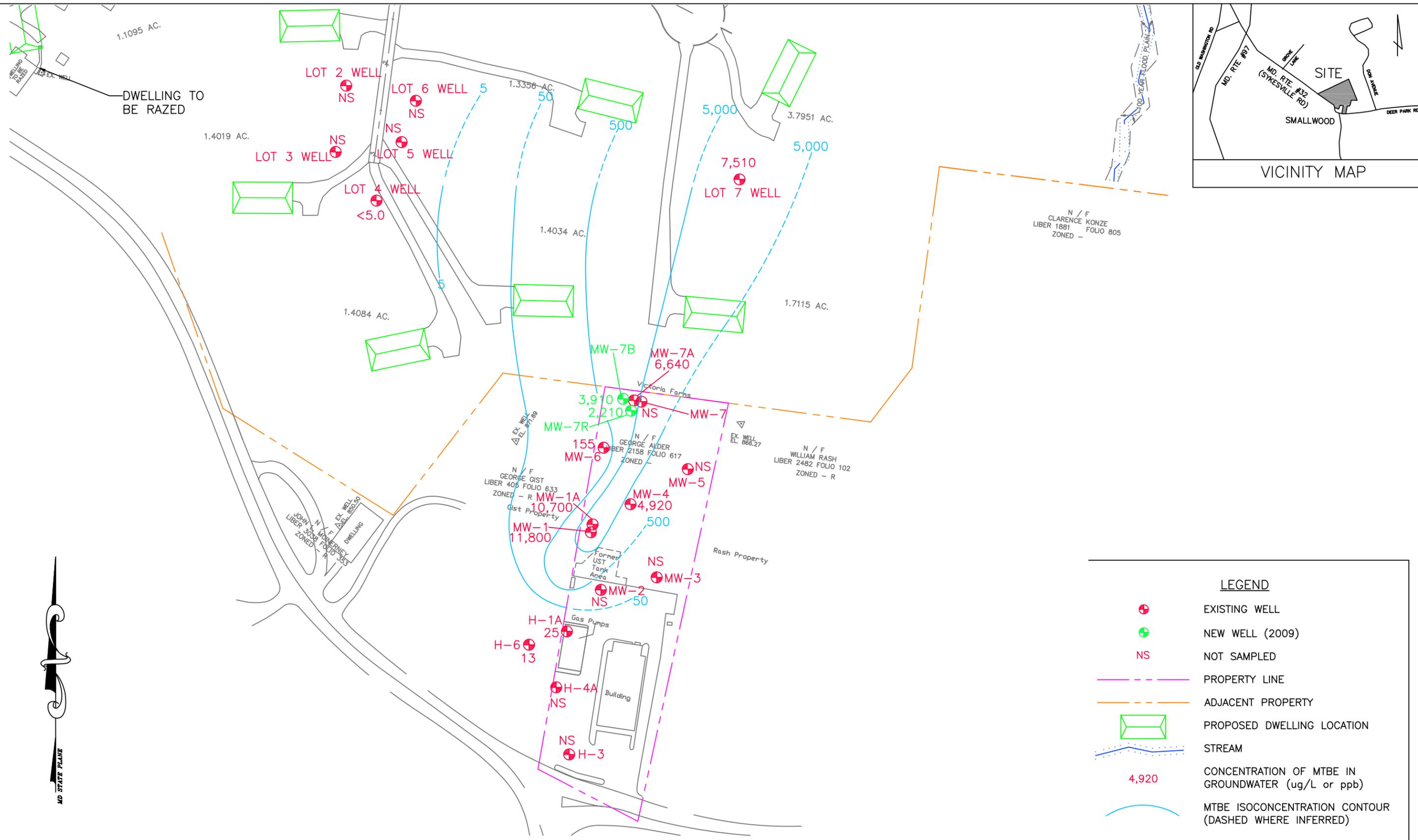
Drawn By:	Date:
Mike Walsh	09/24/08
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 100'	



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

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

**Figure 7**



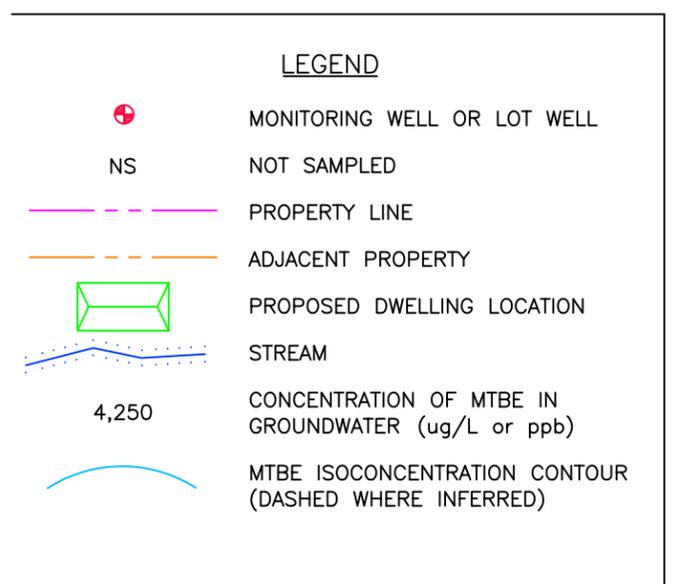
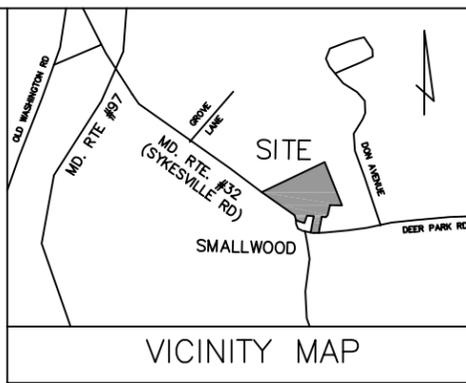
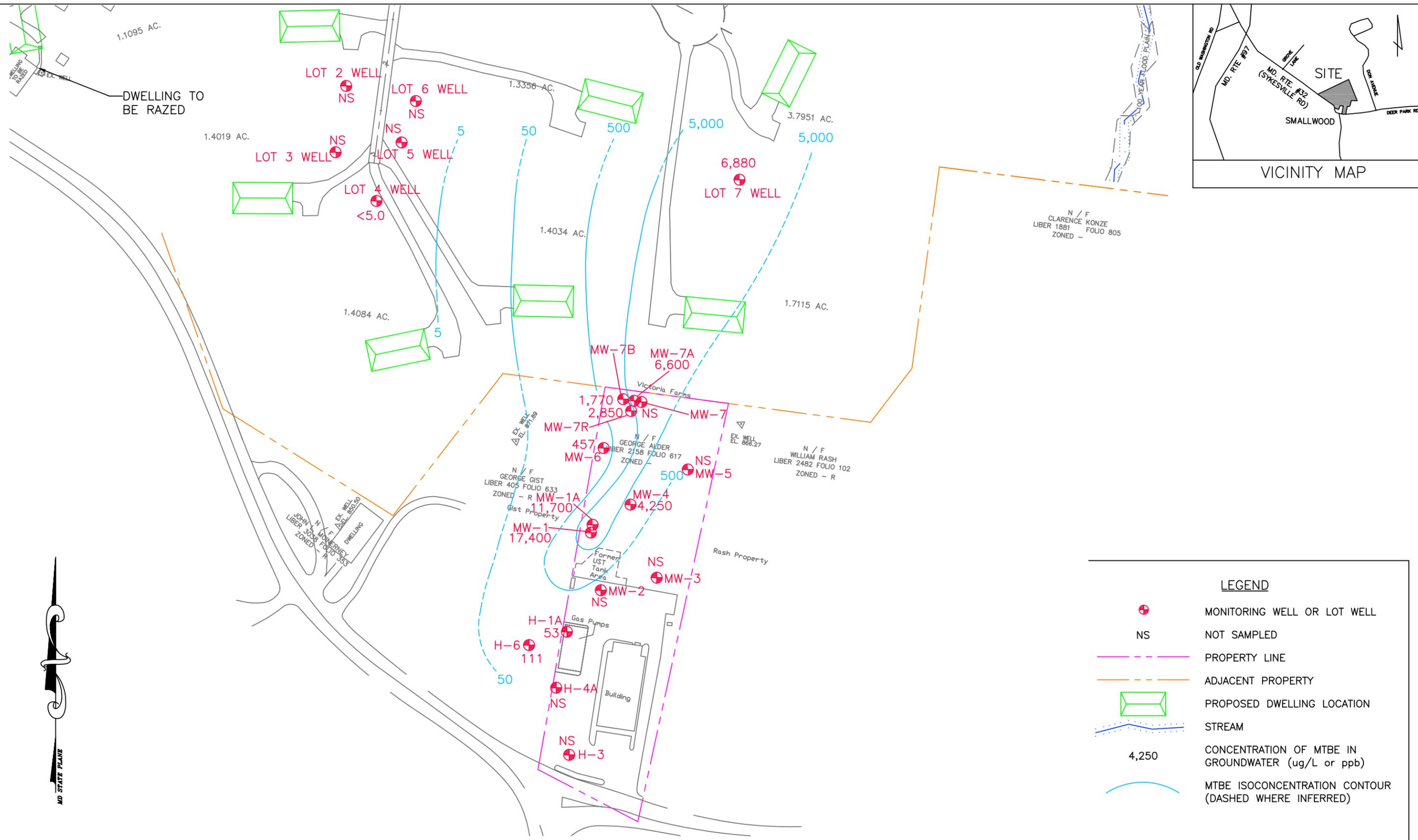
Drawn By:	Date:
Mike Walsh	01/08/10
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 100'	



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

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

**Figure 4**



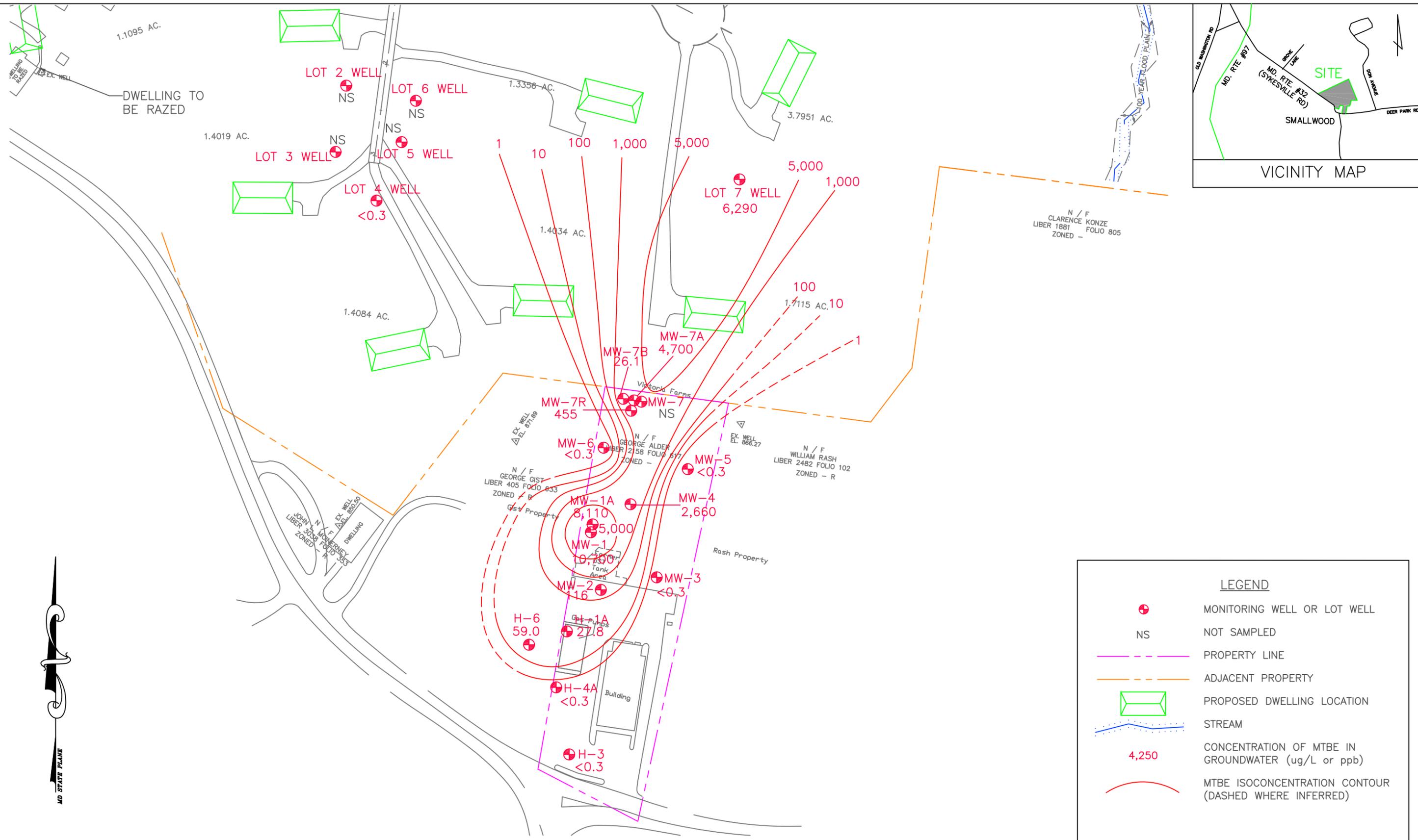
Drawn By:	Date:
Meg Staines	06/14/10
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 100'	

**CGS Chesapeake**  
GeoSciences, Inc.

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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**



**LEGEND**

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

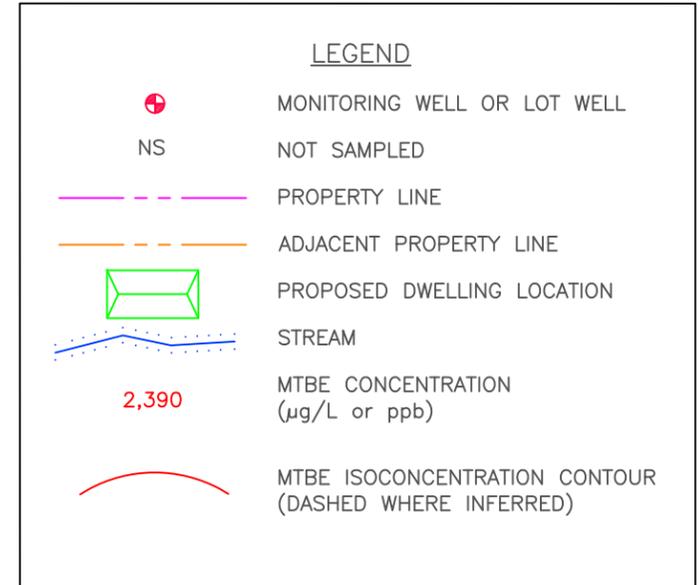
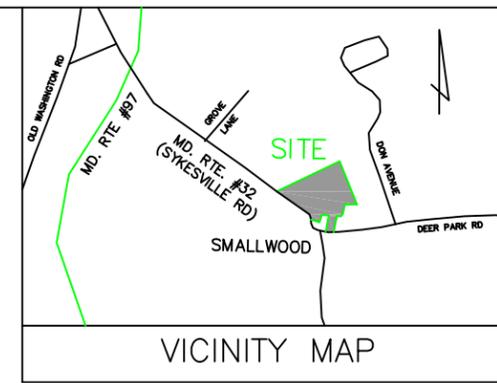
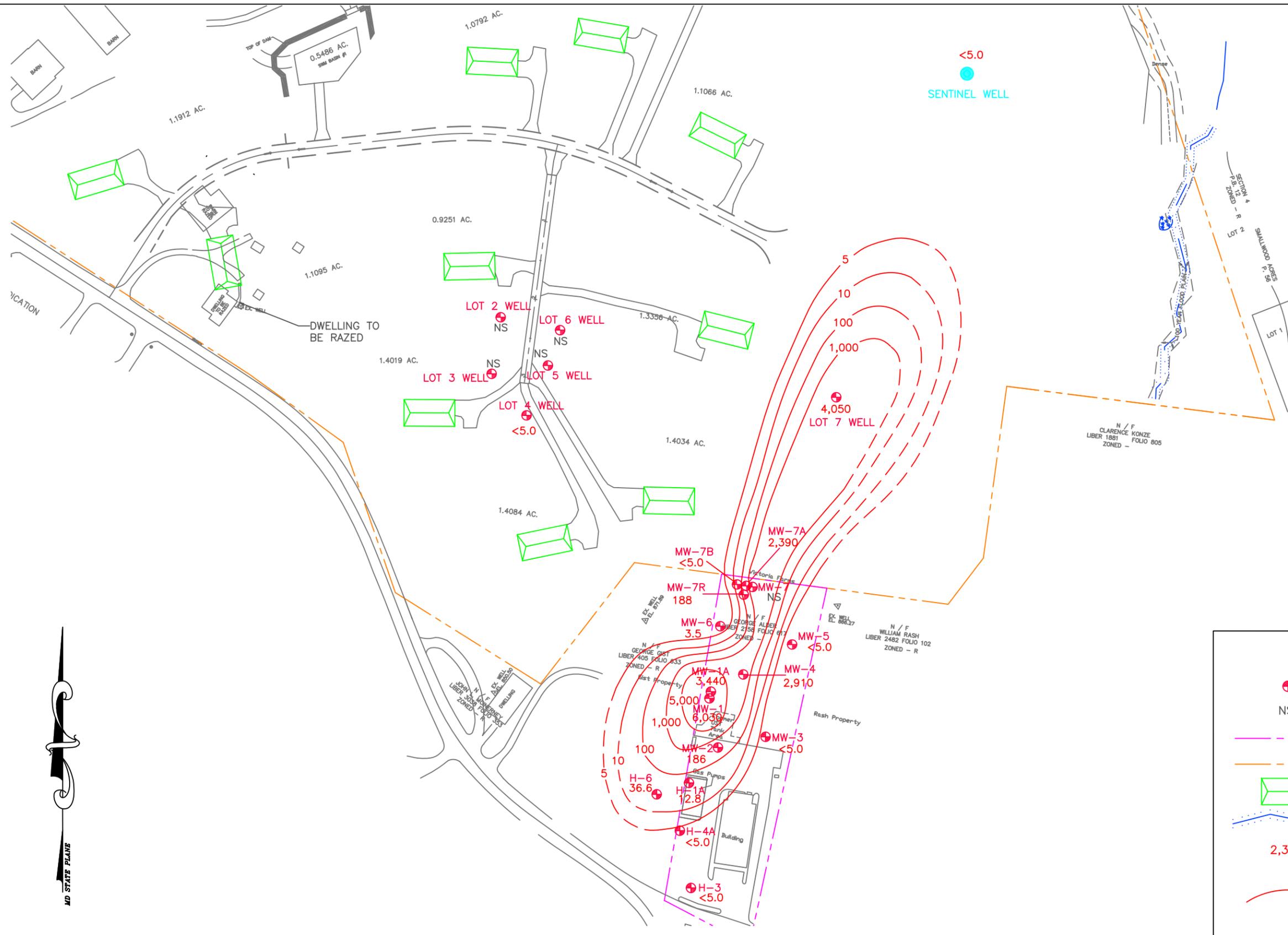
Drawn By:	Date:
MS & LB	05/25/12
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 100'	

**CGS Chesapeake**  
GeoSciences, Inc.

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

**MTBE ISOCONCENTRATION MAP - APRIL 24-27, 2012**  
602 Deer Park Road and 2139 Sykesville Road  
Westminster, MD 21157

**Figure 4**



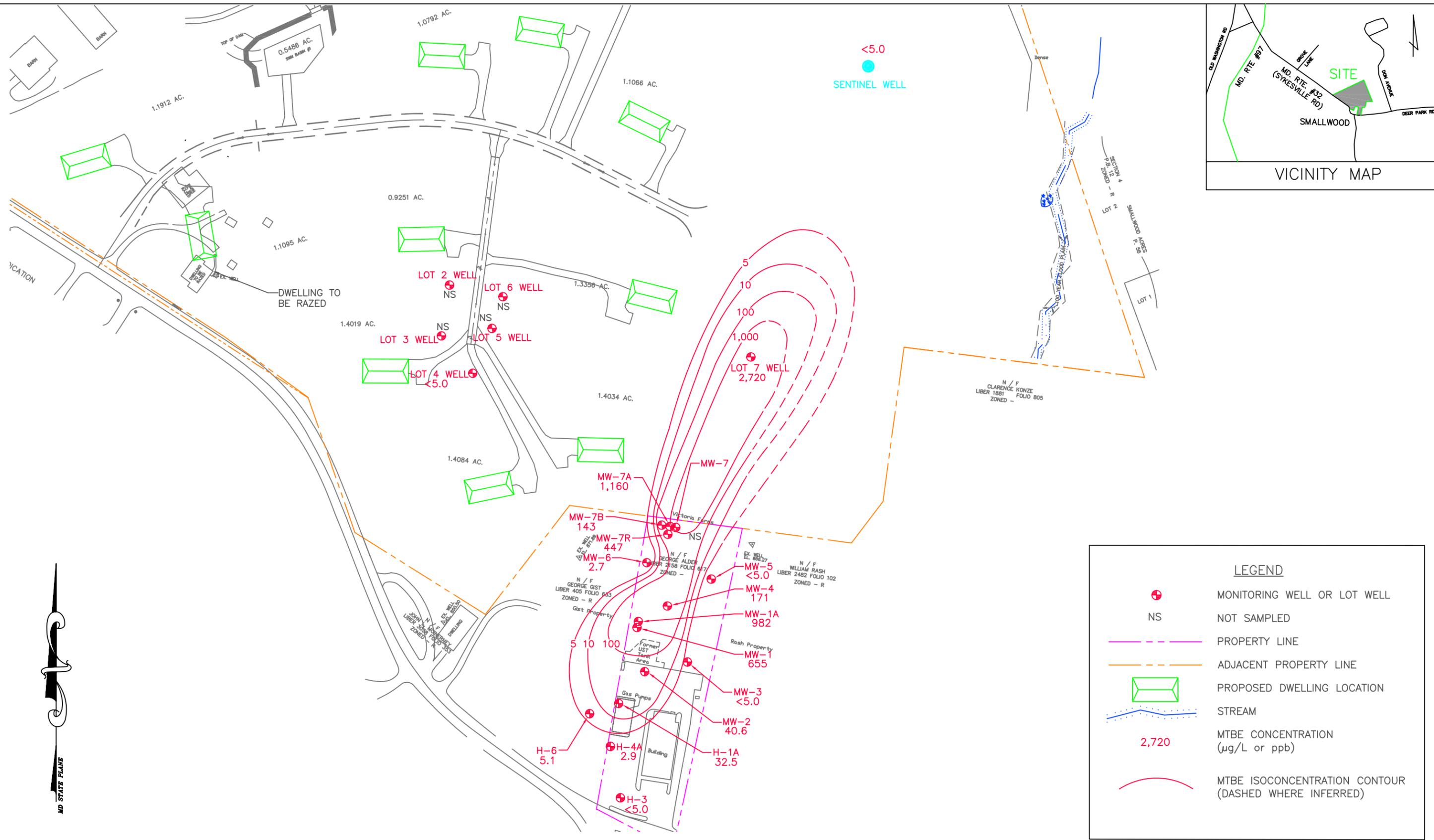
Drawn By:	Date:
MS & LB	07/15/13
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 130'	



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 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



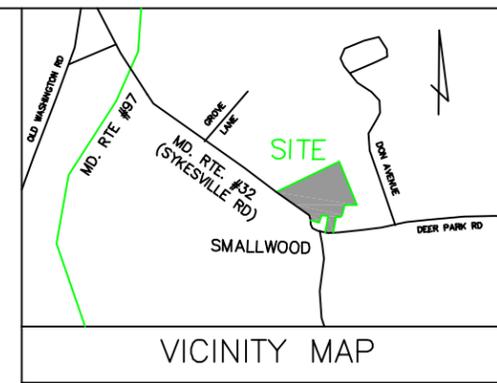
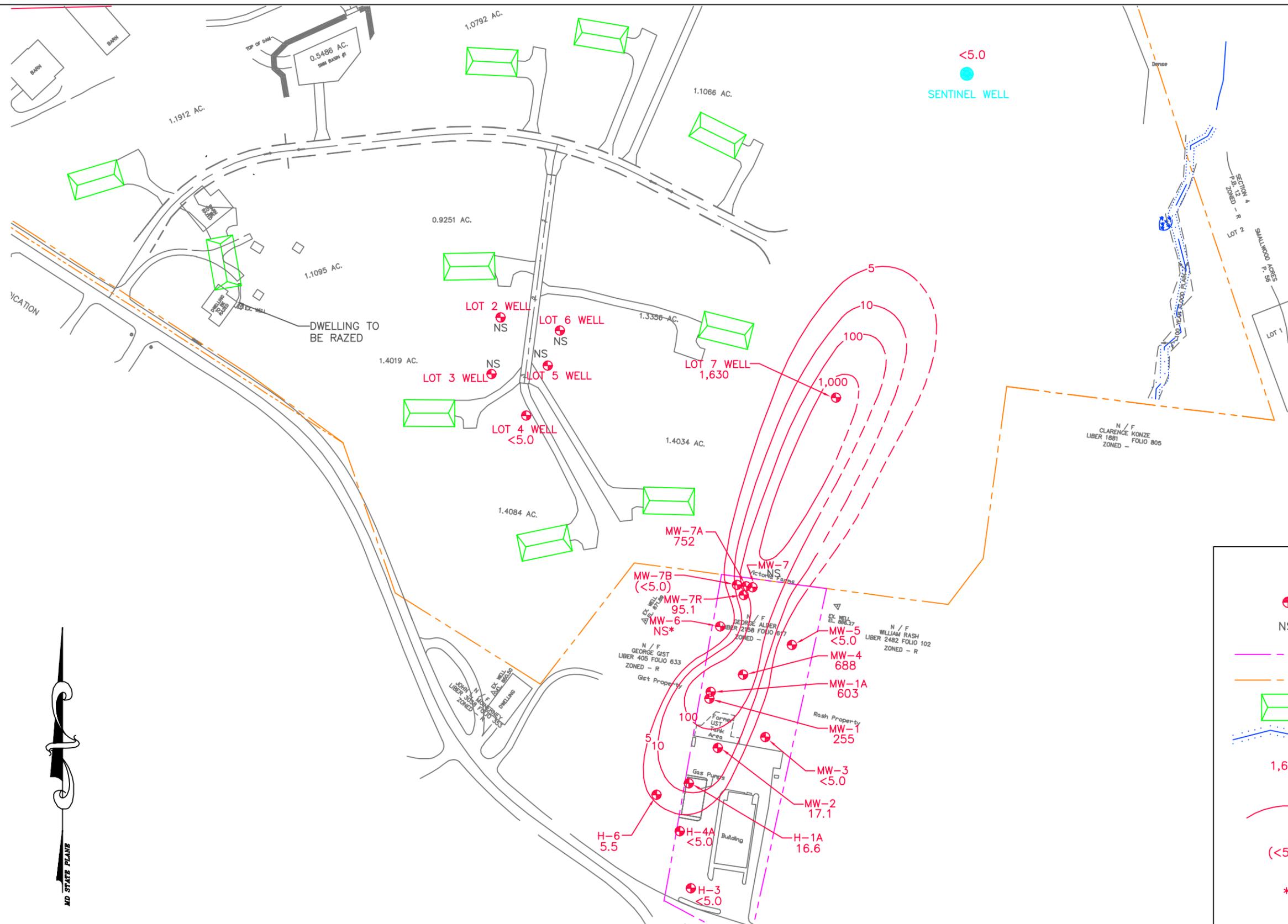
Drawn By:	Date:
MRW	09/14/15
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 130'	



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

Figure 4-1



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

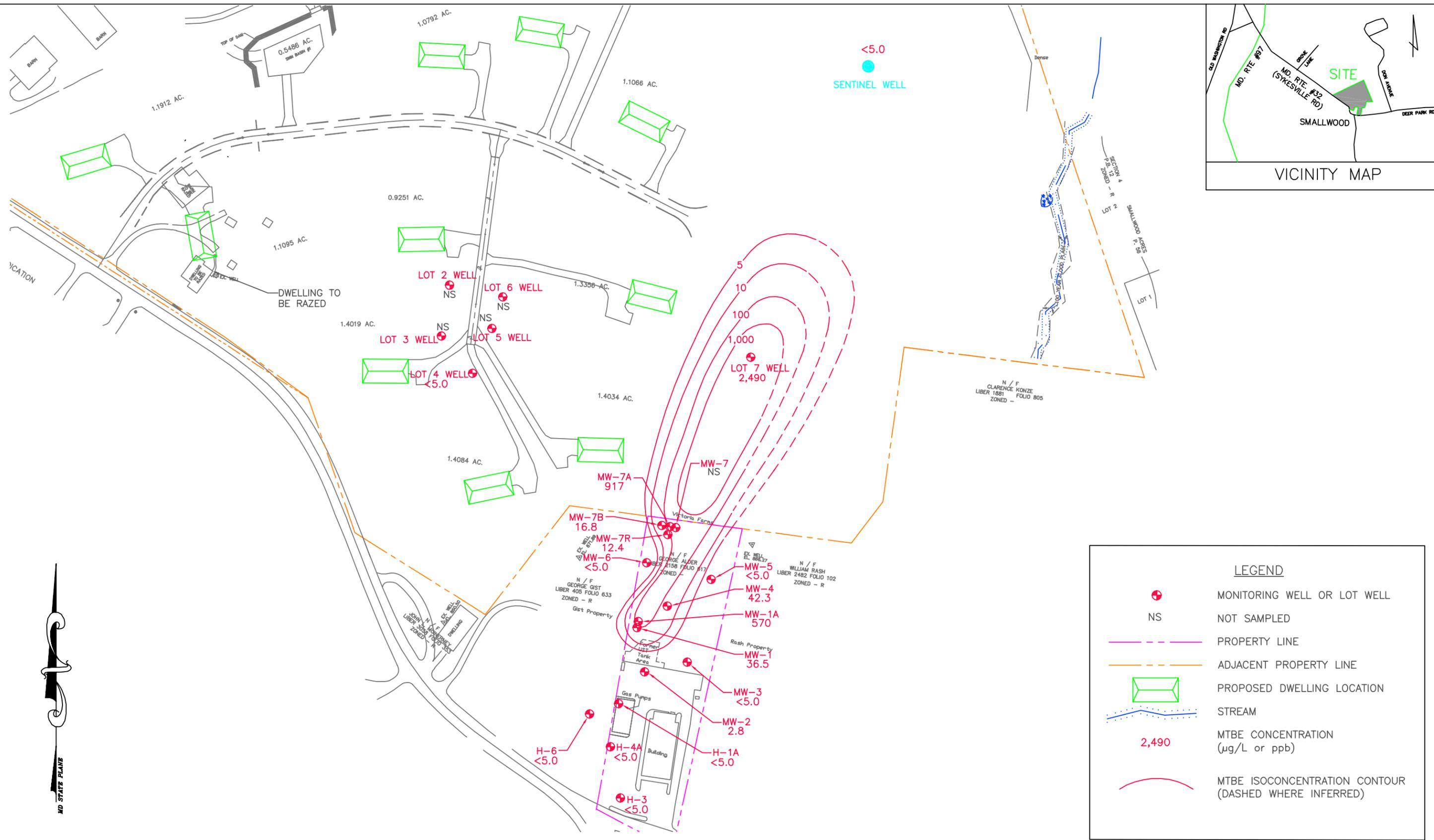
Drawn By:	Date:
MRW	01/13/16
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 130'	



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

Figure 4-2



**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)

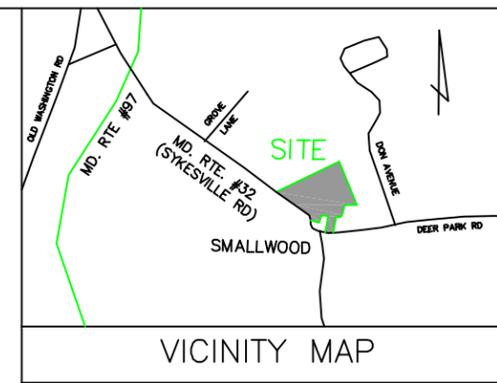
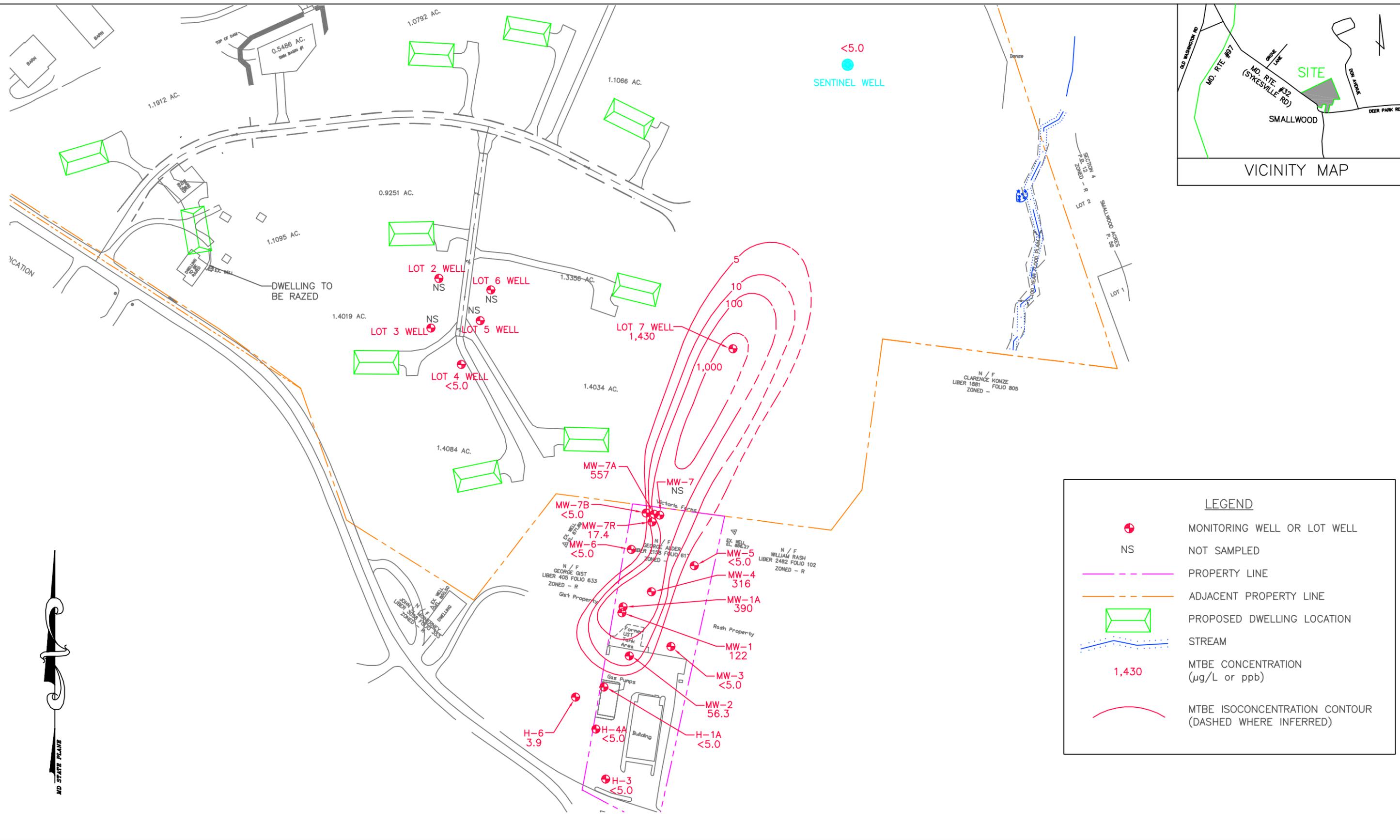
Drawn By:	Date:
MRW	04/13/2016
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 130'	

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

**Figure 4-3**



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)

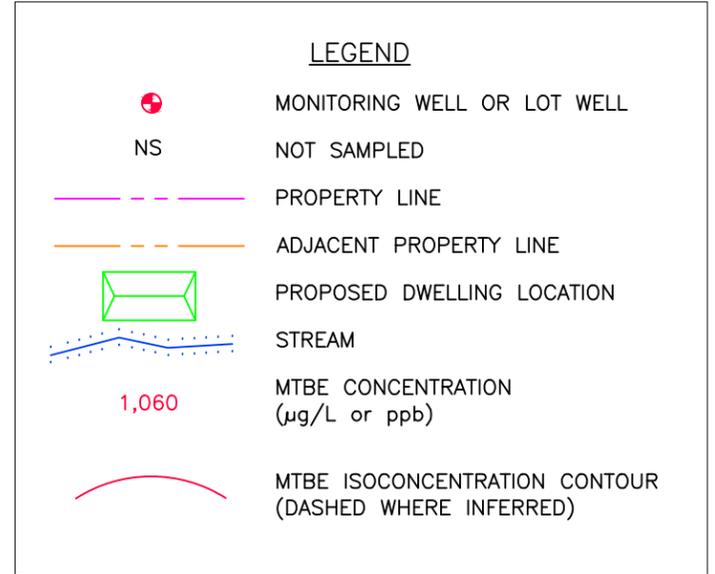
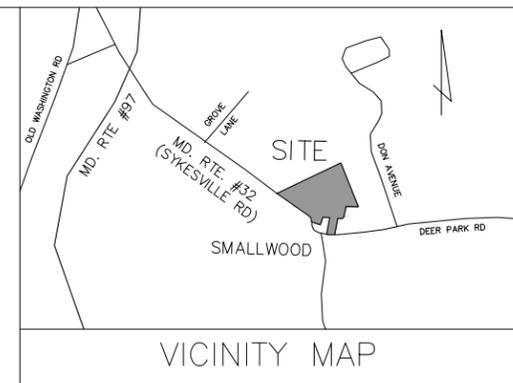
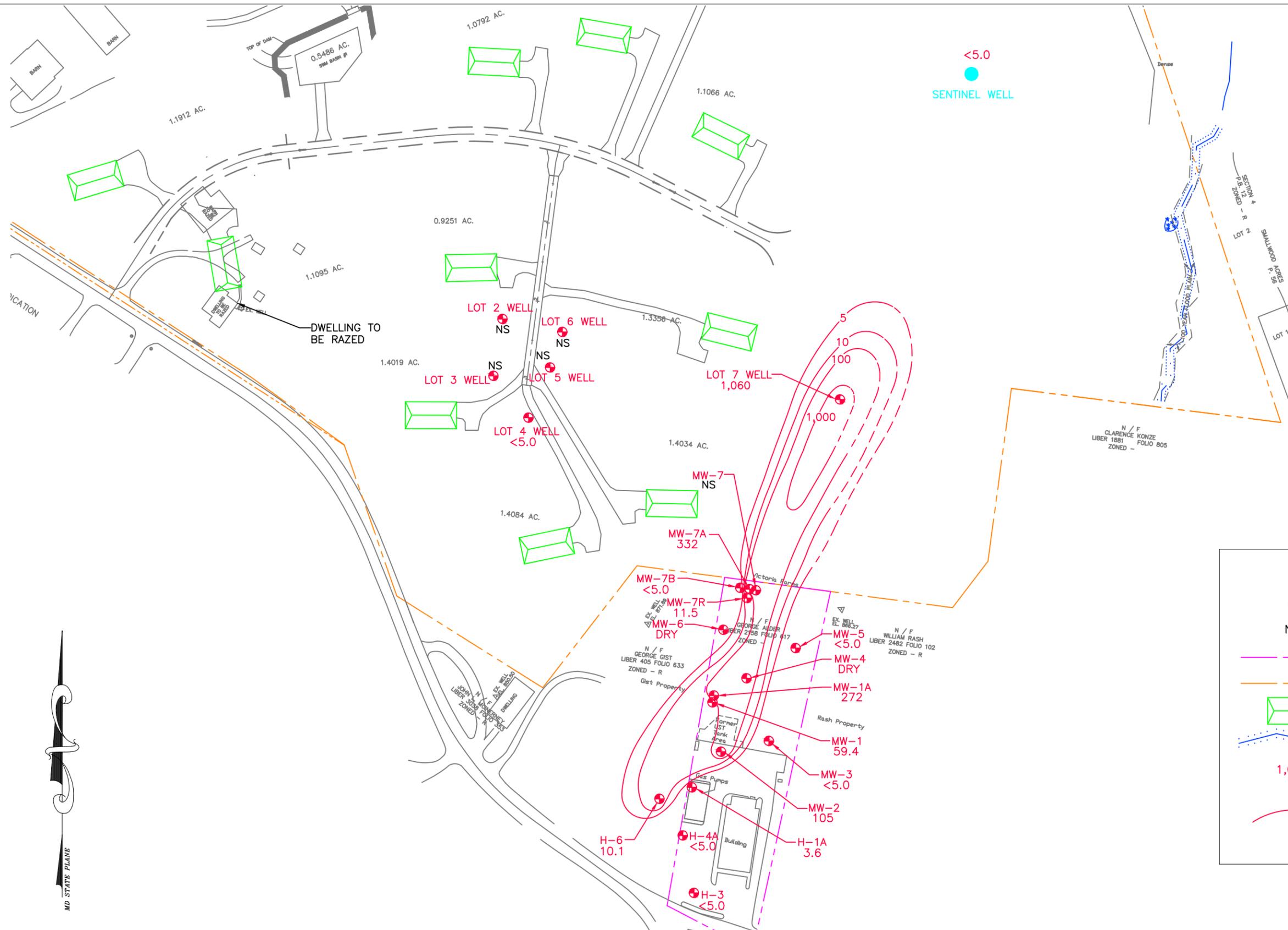
Drawn By:	Date:
MRW	07/15/2016
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 130'	



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

Figure 4-4

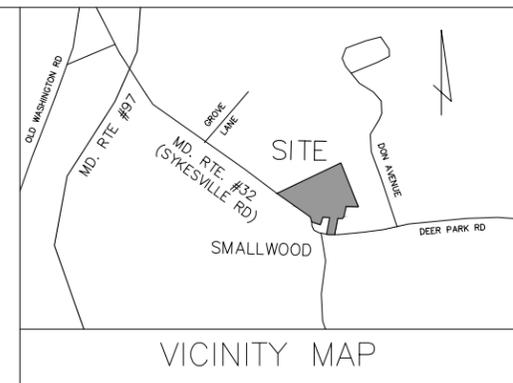
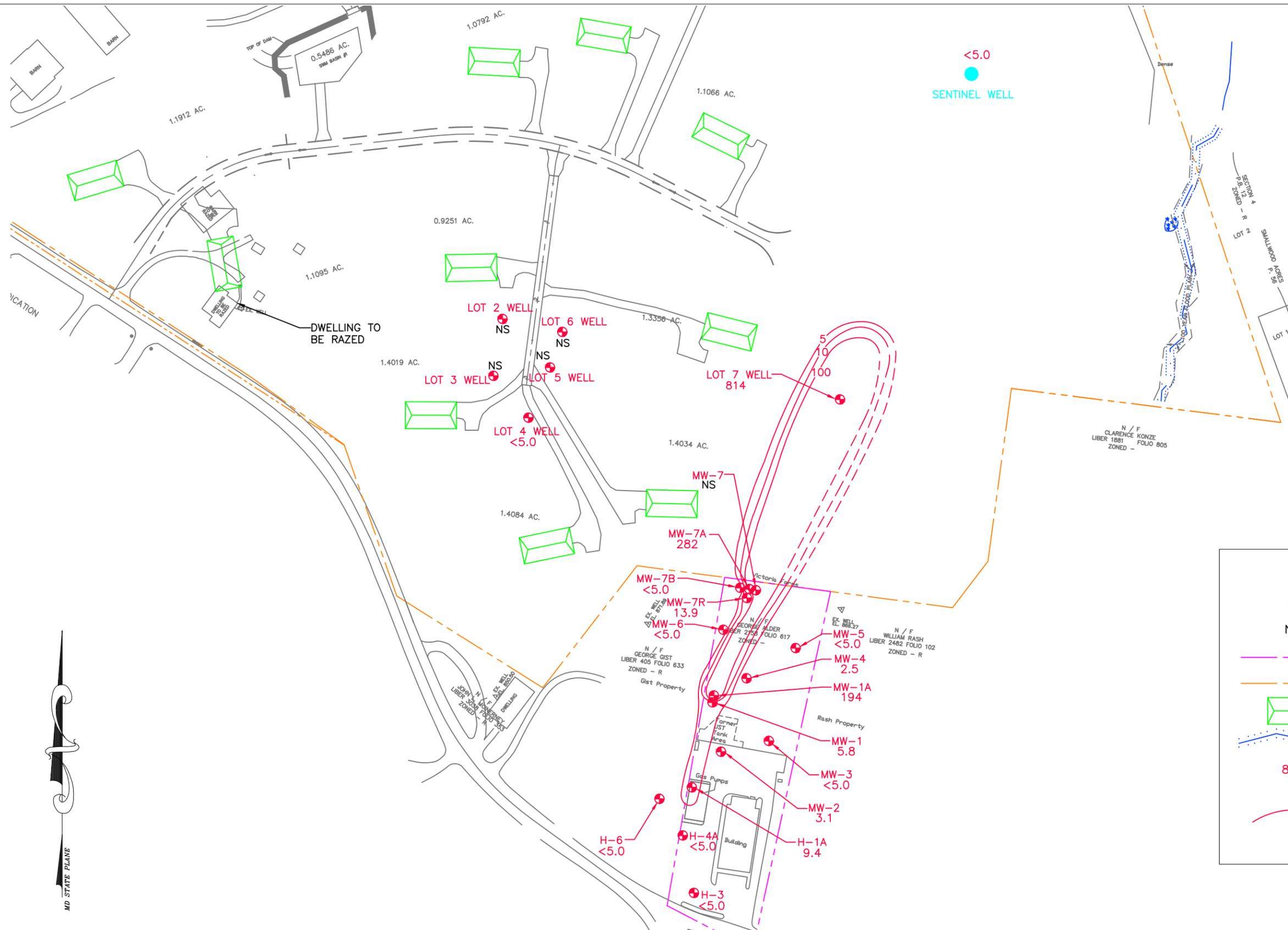


Drawn By:	Date:
MRW	12/20/2017
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 130'	

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

Figure 4



**LEGEND**

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



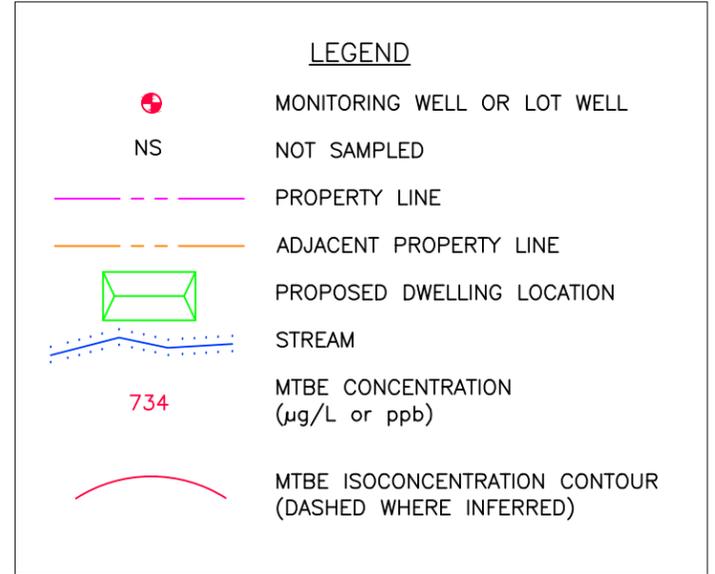
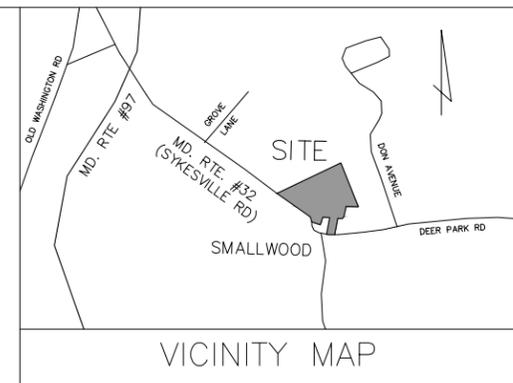
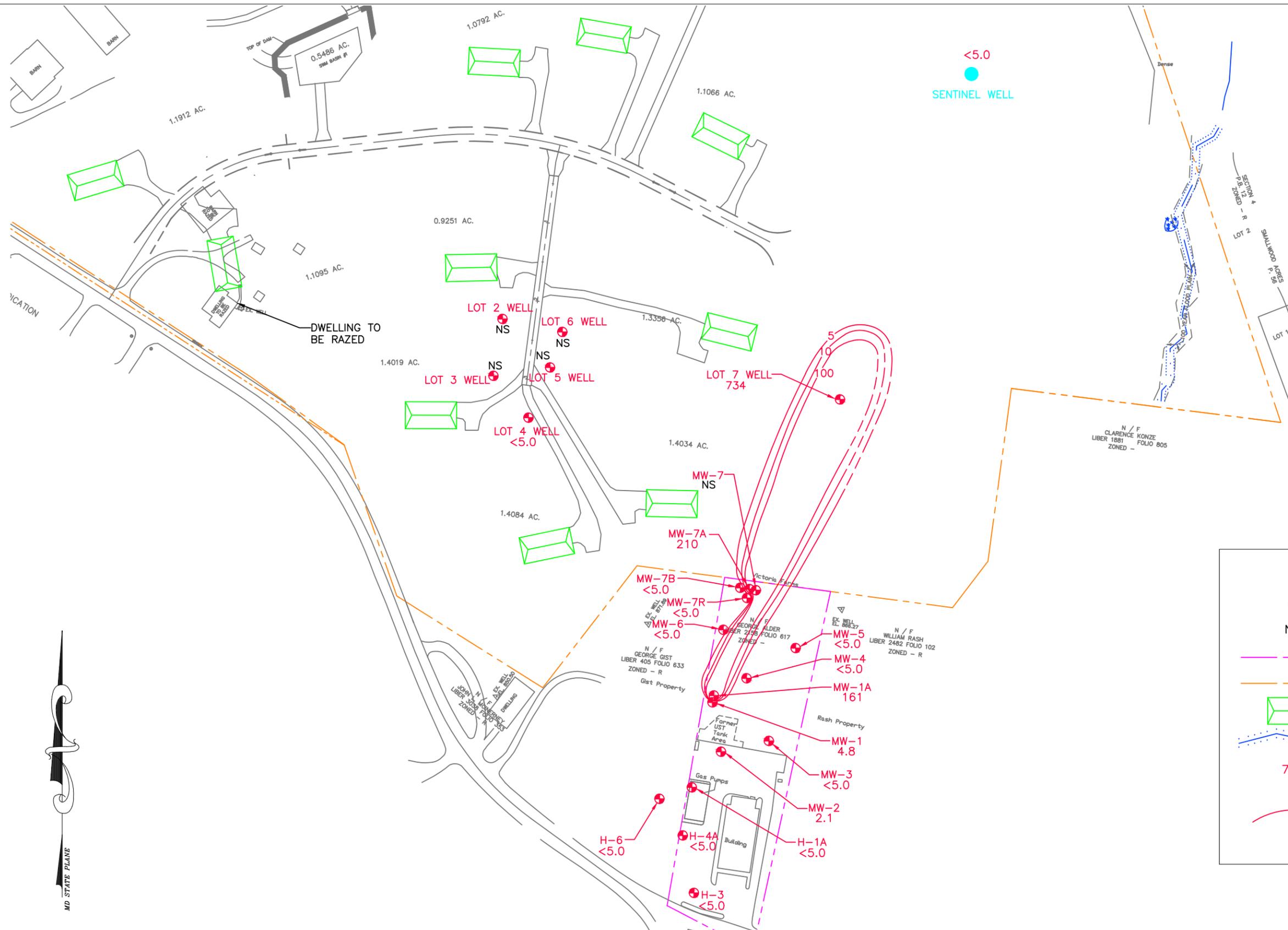
Drawn By:	Date:
MRW	04/20/2018
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 130'	

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

**Figure 4**



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

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

**Figure 4**