

August 8, 2016

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

RE: **Monitored Natural Attenuation Report 4**
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. Richmond:

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 Monitored Natural Attenuation activities 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**).

Unless otherwise stated below, the Monitored Natural Attenuation activities were performed according to the scope of work presented in CGS' November 25, 2014 Monitored Natural Attenuation Work Plan ("Work Plan") and the scope of work modifications included in the Maryland Department of the Environment Oil Control Program's (MDE-OCP's) June 5, 2015 Approval for Additional Data Collection ("Work Plan Approval"). This report includes the methodology and results of one year of Monitored Natural Attenuation activities as included in the Work Plan and presents data obtained during the quarterly sampling events performed in August 2015, November 2015, February 2016, June 2016 and an adjunct sampling event performed in September 2015. Monitored natural attenuation has been evaluated as a remedial alternative for the Site according to the guidance provided in ASTM E1943-98 *Standard Guide for Remediation of Ground Water by Natural Attenuation at Petroleum Release Sites*.

ASTM E1943-98 indicates that the primary line of evidence for remediation by natural attenuation is provided by observed reductions in the size of a groundwater contamination plume and in concentrations of the constituents of concern (COCs). The primary COC at the Site is methyl tertiary butyl ether (MTBE). Secondary lines of evidence for remediation by natural attenuation are provided by geochemical parameters (ASTM E1943-98).

1.0 FIELD INVESTIGATION - METHODOLOGY AND FIELD OBSERVATIONS

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

The methodology descriptions presented below in Sections 1.3 and 1.4 describe the planned methodology for use during each sampling event. Details for each event, such as sampling dates, and any departures from the planned methodology are included in summary tables embedded in the text.

1.1 Visual Monitoring Well Network Survey and Well Head Repairs

The visual monitoring well network survey and well head repairs were performed by Station Maintenance Solution, Inc. (SMS), working on behalf of Country Side Trust. Representatives of SMS and MDE-OCF performed the visual survey on July 1, 2015. Well head repairs were performed on July 1 and 2, 2015. The well heads for following wells were cleaned of trash and dirt and regouted: H-1A, H-3, H-4A, MW-1, MW-1A, MW-3, MW-4, MW-5, and MW-6. Additionally, a new 2-inch J-plug was installed at MW-6. The broken manhole and concrete pad at MW-2 were saw cut and jack hammered out. A new manhole and concrete pad were then installed at MW-2.

1.2 Monitoring Well Re-Development

CGS re-developed all 17 groundwater monitoring wells prior to the August 2015 groundwater sampling event to remove accumulated sediments in the wells, reduce the level of suspended solids in the well water, and to enhance hydraulic performance of the wells. Re-development was performed on August 5 through August 7, 2015. CGS used a Buffalo Air Pump to re-develop the seven wells that produced sufficient water to use this air lift method (i.e., MW-1A, H-4A, MW-7A, MW-7B, the Lot 4 Well, the Lot 7 Well, and the Sentinel Well). The other 10 wells with lower yields were re-developed using dedicated disposable bailers (i.e., H-1A, H-3, H-6, MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, and MW-7R). The Lot 4 Well and Sentinel Well have not shown any detectable contamination. With the exception of the water generated from these two wells, all the development water was treated on-site using a trailer-mounted granular activated carbon (GAC) filtration system before discharging it to the ground. The air pump was decontaminated before use in each well. Well re-development proceeded from the least contaminated well to the most contaminated well to minimize the chance of cross contamination from the air pump. Active surging was performed in each well during re-development via surging action of the pump or bailer. Re-development continued in each well until the water discharge stream appeared clear or for a maximum duration of one hour, whichever came first.

Mid-point and post treatment water samples were collected from the GAC filtration system used to treat the well re-development water. The water treatment system samples were packaged in an iced cooler and delivered with accompanying chain-of-custody form to Maryland Spectral Services, Inc. (MSS) in Baltimore, Maryland for analysis of volatile organic compounds (VOCs) via EPA Method 8260.

1.3 Quarterly Monitoring Well Sampling

CGS gauged and sampled the monitoring wells on the dates specified below in **Table A**. The wells were gauged prior to sampling to determine the depth to groundwater using an electronic interface probe. Well gauging data are presented in **Table 1**.

The wells were purged before samples were collected using one of two methods. Wells that produce sufficient water (i.e., all wells with the exception of MW-4 and MW-6) were purged according to low-flow methodology using a Grundfos variable speed submersible pump and disposable tubing until stabilization of the monitored field parameters was achieved. Field parameters recorded during low-flow well purging included dissolved oxygen (DO), conductivity, pH, turbidity, and temperature. These field parameters were measured with a water quality meter using a flow-through cell. Samples were then collected from the submersible pump discharge stream. All down-well equipment and supplies were decontaminated prior to use in each well.

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

Quality Assurance/Quality Control (QA/QC) samples that were collected included one duplicate groundwater sample, collected at the location specified below in **Table A**, one field blank, and one trip blank.

Well purge water was collected and placed into a temporary holding tank and treated on-site using the GAC filtration system before discharge to the ground surface. Mid-point and post treatment water samples were collected from the GAC filtration system.

Groundwater sampling logs were generated and are included in **Attachments A-1, A-2, A-3, and A-4**. Departures from this sampling methodology are presented below in **Table A**.

Table A
Monitoring Well Sampling Event Dates and Departures

Event	Gauging Date	Sampling Dates	Duplicate Sample Location	Departures From Sampling Methodology	Rational
1	August 10, 2015	August 11 - 14, 2015	MW-1	None	Not Applicable
2	November 16, 2015	November 16 - 20, 2015	MW-1A	MW-6 was not sampled.	MW-6 was nearly dry.
3	February 22, 2016	February 22 - 26 , 2016	Lot 7 Well	A mid-point GAC sample was not collected.	A larger single GAC unit was utilized for this sampling event.
4	June 13, 2015	June 13 – 17, 2016	Lot 7 Well	A mid-point GAC sample was not collected.	A larger single GAC unit was utilized for this sampling event.

The groundwater, QA/QC, and water treatment system samples were packaged in iced coolers and delivered with accompanying chain-of-custody forms to two analytical laboratories. The groundwater and QA/QC samples were analyzed for VOCs, including MTBE, associated fuel oxygenates, and naphthalene, via EPA Method 8260. The groundwater samples, excluding those collected from H-4A, MW-4, and MW-6 (as per the Work Plan Approval), and the duplicate groundwater sample were also analyzed for dissolved methane via EPA Method 8015, dissolved manganese via EPA Method 200.7, and nitrate and sulfate via EPA Method 300.0. The water treatment system samples were analyzed for VOCs via EPA Method 8260 and total petroleum hydrocarbons gasoline-range organics (TPH-GRO) via EPA Method 8015. The samples analyzed for VOCs, dissolved methane, and TPH-GRO were submitted to MSS, and the samples analyzed for dissolved manganese, nitrate, and sulfate were submitted to Enviro-Chem Laboratories, Inc. in Sparks, Maryland. Ferrous iron was measured in the field at the time of sample collection using a Hach color disc test kit for the groundwater samples, excluding those collected from H-

4A, MW-4, and MW-6 (as per the Work Plan Approval). Departures from this analytical paradigm are presented below in **Table B**.

Table B
Analytical Paradigm Departures

Event	Well(s)	Analytical Paradigm Departure	Rational
1	MW-4	Sample was analyzed for dissolved methane	Inadvertent oversight, but presents a more complete data set.
	Trip Blank	Sample was not submitted for analysis.	Inadvertent oversight.
	GAC-MID and GAC-EFF	Samples were not analyzed for VOCs.	GAC-MID and GAC-EFF samples were analyzed for VOCs during re-development.
2	H-4A and MW-4	Samples were field analyzed for ferrous iron.	Inadvertent oversight, but presents a more complete data set.
	GAC-MID and GAC-EFF	GAC-MID was not analyzed for TPH-GRO, and GAC-EFF was analyzed for TPH-diesel-range organics (TPH-DRO) in addition to TPH-GRO and VOCs.	Inadvertent oversight.
3	H-4A, MW-4, and MW-6	Samples were field analyzed for ferrous iron.	Inadvertent oversight, but presents a more complete data set.
	GAC-EFF	GAC-EFF was analyzed for TPH-DRO in addition to TPH-GRO and VOCs. TPH-GRO analysis was performed outside of laboratory holding time.	Inadvertent oversights.
4	H-4A	Sample was analyzed for dissolved methane	Inadvertent oversight, but presents a more complete data set.

1.4 Semi-Annual Drinking Water Sampling

The Work Plan/Work Plan Approval include the collection of drinking water samples from the Site's drinking water supply well and from private drinking water supply wells at 2173 Sykesville Road and 2040 Don Avenue and a field blank on a semi-annual basis (corresponding with the first and third quarterly groundwater sampling events). GAC treatment systems are installed at the site station building and at the residence at 2173 Sykesville Road. At these locations, the Work Plan/Work Plan Approval include the collection of pre-, mid-, and post treatment water samples.

CGS collected drinking water samples at the locations and on the dates specified below in **Table C**. Water was purged from the lines, pressure tank, and GAC units by allowing the water to run for 20 minutes before collecting samples at the Site and 2173 Sykesville Road. Departures from the planned sampling schedule and methodology are presented below in **Table C**.

**Table C
Drinking Water Sampling Event Dates and Locations**

Event	Date	602 Deer Park Road (On-Site)	2173 Sykesville Road (Off-Site Residence)	2040 Don Avenue (Off-Site Residence)
1	August 14, 2015	Pre-, mid-, and post-GAC.	Pre-, mid-, and post-GAC samples were not collected. Attempts to contact the home owner were not successful.	Outside spigot located on the west side of the house, between the well and the house.
	September 23, 2015	No samples were collected on this date.	Pre-, mid-, and post-GAC. System was purged for a longer duration (35 minutes/45 gallons) because the house is vacant.	Re-sampling was performed to confirm the August 2015 results. Sample was collect from same outside spigot.
2	February 22, 2016	Pre-, mid-, and post-GAC samples were not collected because the building is vacant and the GAC unit is not accessible.	Pre-, mid-, and post-GAC.	Outside spigot located on the west side of the house, between the well and the house.
	June 17, 2016	No samples were collected on this date.	No samples were collected on this date.	Re-sampling was performed because of the anomalous February 2016 results. Sample was collect from same outside spigot.

During each sampling event, the drinking water samples and field blank were packaged in an iced cooler and delivered with accompanying chain-of-custody form 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**. Groundwater contour maps were generated from the gauging data and are presented in **Figures 3-1, 3-2, 3-3, and 3-4**. 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, 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 February 22, 2016 during the third quarterly sampling event ranged from nearly 7 to nearly 19 feet higher than the levels recorded on November 16, 2015 during the second quarterly sampling event. The highest increased groundwater levels (ranging from 16.50 feet to 18.90 feet) were measured in H-6, H-1A, MW-2, MW-1A, MW-1, MW-4 and MW-6. All of these wells are located in the central-western portion of the Property and west of that area. Mid-range increased groundwater levels (ranging from 13.25 feet to 14.29 feet) were measured in MW-7R, MW-7B, MW-7A, MW-5, and the Lot 7 Well. All of these wells are located in the northern/north-eastern portion of the Property and north of that area. The lowest increased groundwater levels (ranging from 6.59 feet to 9.59 feet) were measured in MW-3, the Lot 4 Well, H-4A, H-3, and the Sentinel Well. These wells are located in the southern portion of the Property, the central-eastern portion of the Property, northwest of the Property, and further north of the Property. The overall higher groundwater levels appear to reflect recharge from higher than average levels of precipitation that occurred during the months of December, January, and the early part of February 2016 and melting of snowpack that occurred in the warm weather that immediately preceded the February 2016 gauging event ([www.weatherunderground](http://www.weatherunderground.com) - Historical Weather Data for Carroll County Regional Airport).

The highest and mid-range increased groundwater levels, measured in the central-western and northern/north-eastern portions of the Property and west and north of those areas, appear to reflect enhanced recharge associated with the bedrock fracture zone. This enhanced recharge resulted in a groundwater flow direction in the central portion of the Property that is more westerly than has been historically observed in this area.

Groundwater levels recorded on June 13, 2016 during the fourth quarterly sampling event ranged from nearly 6 to over 18 feet lower than the levels recorded on February 22, 2016 during the third quarterly sampling event. The June 13, 2016 groundwater levels were again representative of the groundwater levels that have typically been recorded at the Site.

2.2 Analytical Laboratory Results

The analytical results for the detected analytes in the groundwater samples are presented in **Tables 2-1, 2-2, 2-3, and 2-4**, and the analytical results for the detected analytes in the drinking water samples are presented in **Tables 3-1 and 3-2**. 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)] and the geochemical parameter results are reported in milligrams per liter [mg/L or parts per million (ppm)]. 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 the **Table 2s and 3s** in gray text and qualified with a “U”. Any analyte detected at a concentration above the Method Detection Limit (MDL), but below the MRL is presented in the **Table 2s and 3s** with a “J” qualifier, indicating that the result is considered an estimated concentration. The laboratory reports and chain-of-custody documentation are included in **Attachments B-1, B-2, B-3, and B-4**.

The analytical results shown in the **Table 2s and 3s** and in **Table 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

2.2.1.1 August 2015 Groundwater Sampling Event

VOCs

Seventeen (17) wells were sampled during the August 2015 groundwater sampling event (**Table 2-1**) at the Site. Five petroleum hydrocarbon related VOCs [tert-amyl alcohol (TAA), tert-amyl methyl ether (TAME), benzene, 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 12 of the 17 wells. No other VOCs were detected in the groundwater samples. No petroleum related VOCs were detected in the groundwater samples obtained from monitoring wells H-3, MW-3, MW-5, the Lot 4 Well, and the Sentinel Well. No VOCs were detected in the field blank (GBG-FB).

Benzene was detected in the groundwater sample from H-1A at a concentration (8.0 $\mu\text{g/L}$) that exceeded its MDE Groundwater Standard (5 $\mu\text{g/L}$). MTBE was detected in the groundwater samples from nine wells (i.e., H-1A, MW-1, MW-1A, MW-2, MW-4, MW-7A, MW-7B, MW-7R, and the Lot 7 Well) at concentrations ranging from 40.6 to 2,720 $\mu\text{g/L}$ that exceeded its MDE Groundwater Standard (20 $\mu\text{g/L}$). The groundwater sample with the highest MTBE concentration was collected from the Lot 7 Well (2,720 $\mu\text{g/L}$). The sample from MW-7A had the second highest MTBE concentration (1,160 $\mu\text{g/L}$). It should be

noted that, due to high MTBE concentrations, samples from three wells required dilution at the laboratory, which resulted in MRLs which exceed the benzene MDE Groundwater Standard.

The highest TAME, TBA, and MTBE concentrations were detected in the Lot 7 Well. The highest TAA concentration was detected in MW-1A, and the highest benzene concentration was detected in H-1A. **Figure 4-1** is an isoconcentration map generated from the August 2015 groundwater monitoring well MTBE analytical data.

Geochemical Parameters

Dissolved methane was detected in three of the 15 analyzed samples. Dissolved manganese was detected in 12 of the 14 analyzed samples. Nitrate was detected in all 14 of the analyzed samples. Sulfate was detected in 13 of the 14 analyzed samples. Ferrous iron was not detected in any of the 14 tested samples.

2.2.1.2 November 2015 Groundwater Sampling Event

VOCs

Sixteen (16) wells were sampled during the November 2015 groundwater sampling event (**Table 2-2**) at the Site. Six petroleum hydrocarbon related VOCs (TAME, benzene, TBA, sec-butylbenzene, Isopropylbenzene, and MTBE) were detected in the groundwater samples. One or more of these analytes was/were detected in the samples obtained from nine of the 16 wells. No other VOCs were detected in the groundwater samples. No petroleum related VOCs were detected in the groundwater samples obtained from monitoring wells H-3, H-4A, MW-3, MW-5, MW-7B, the Lot 4 Well, and the Sentinel Well. No VOCs were detected in the field blank (FB) or trip blank (TB).

Benzene was detected in the groundwater sample from H-1A at a concentration (7.7 µg/L) that exceeded its MDE Groundwater Standard (5 µg/L). MTBE was detected in the groundwater samples from six wells (i.e., MW-1, MW-1A, MW-4, MW-7A, MW-7R, and the Lot 7 Well) at concentrations ranging from 95.1 to 1,630 µg/L that exceeded its MDE Groundwater Standard (20 µg/L). The groundwater sample with the highest MTBE concentration was collected from the Lot 7 Well (1,630 µg/L). The sample from MW-7A had the second highest MTBE concentration (752 µg/L). It should be noted that, due to high MTBE concentrations, samples from five wells required dilution at the laboratory, which resulted in MRLs which exceed the benzene MDE Groundwater Standard.

The highest TAME, TBA, and MTBE concentrations were detected in the Lot 7 Well. The highest benzene concentration was detected in H-1A. **Figure 4-2** is an isoconcentration map generated from the November 2015 groundwater monitoring well MTBE analytical data.

Geochemical Parameters

Dissolved methane was detected in six of the 14 analyzed samples. Dissolved manganese was detected in 10 of the 14 analyzed samples. Nitrate was detected in all 14 of the analyzed samples. Sulfate was detected in 12 of the 14 analyzed samples. Ferrous iron was not detected in any of the 16 tested samples.

2.2.1.3 February 2016 Groundwater Sampling Event

VOCs

Seventeen (17) wells were sampled during the February 2016 groundwater sampling event (**Table 2-3**) at the Site. Three petroleum hydrocarbon related VOCs (TAME, TBA, and MTBE) were detected in the

groundwater samples. One or more of these analytes was/were detected in the samples obtained from eight of the 17 wells. No other VOCs were detected in the groundwater samples. No VOCs were detected in the groundwater samples obtained from monitoring wells H-1A, H-3, H-4A, H-6, MW-3, MW-5, MW-6, the Lot 4 Well, and the Sentinel Well. No VOCs were detected in the field blank (FB) or trip blank (TB).

MTBE was detected in the groundwater samples from five wells (i.e., MW-1, MW-1A, MW-4, MW-7A, and the Lot 7 Well) at concentrations ranging from 36.5 to 2,490 µg/L that exceeded its MDE Groundwater Standard (20 µg/L). The groundwater sample with the highest MTBE concentration was collected from the Lot 7 Well (2,490 µg/L). The sample from MW-7A had the second highest MTBE concentration (917 µg/L).

The highest TAME, TBA, and MTBE concentrations were detected in the Lot 7 Well. **Figure 4-3** is an isoconcentration map generated from the February 2016 groundwater monitoring well MTBE analytical data.

Geochemical Parameters

Dissolved methane was detected in three of the 14 analyzed samples. Dissolved manganese, nitrate, and sulfate were detected in 13 of the 14 analyzed samples. Ferrous iron was detected in one of the 17 tested samples.

2.2.1.4 June 2016 Groundwater Sampling Event

VOCs

Seventeen (17) wells were sampled during the June 2016 groundwater sampling event (**Table 2-4**) at the Site. Four petroleum hydrocarbon related VOCs (TAME, TBA, sec-butylbenzene, and MTBE) were detected in the groundwater samples. One or more of these analytes was/were detected in the samples obtained from eight of the 17 wells. No other VOCs were detected in the groundwater samples. No VOCs were detected in the groundwater samples obtained from monitoring wells H-1A, H-3, H-4A, MW-3, MW-5, MW-6, MW-7B, the Lot 4 Well, and the Sentinel Well. No VOCs were detected in the field blank (FB) or trip blank (TB).

MTBE was detected in the groundwater samples from six wells (i.e., MW-1, MW-1A, MW-2, MW-4, MW-7A, and the Lot 7 Well) at concentrations ranging from 56.3 to 1,430 µg/L that exceeded its MDE Groundwater Standard (20 µg/L). The groundwater sample with the highest MTBE concentration was collected from the Lot 7 Well (1,430 µg/L). The sample from MW-7A had the second highest MTBE concentration (557 µg/L).

The highest TAME, TBA, and MTBE concentrations were detected in the Lot 7 Well. **Figure 4-4** is an isoconcentration map generated from the June 2016 groundwater monitoring well MTBE analytical data.

Geochemical Parameters

Dissolved methane was detected in one of the 14 analyzed samples. Dissolved manganese and sulfate were detected in 12 of the 14 analyzed samples. Nitrate was detected in all 14 of the analyzed samples. Ferrous iron was not detected in any of the 15 tested samples.

2.2.2 Drinking Water Sampling Results

2.2.2.1 August and September 2015 Drinking Water Sampling Events

The analytical results for the detected analytes in the August and September 2015 drinking water samples are presented in **Table 3.1**. The detection of methylene chloride was reported for each of the drinking water samples and the associated field blank collected in August 2015. Methylene chloride is a common laboratory contaminant and is not a site-related constituent of potential concern (COPC); therefore its detection in these samples does not appear to indicate a data quality concern.

TBA was detected in the field blank collected in September 2015. TBA was not detected in the drinking water samples collected in September 2015; therefore its detection in the field blank does not appear to indicate a data quality concern.

MTBE was detected in the pre- and mid-GAC samples collected from the Site (4.21 and 3.28 µg/L, respectively). MTBE was not detected in the post-GAC sample collected from the Site or in the pre-, mid-, and post-GAC samples collected from 2173 Sykesville Road.

MTBE was detected in the drinking water samples collected from 2040 Don Avenue at estimated concentrations of 0.22 and 0.39 µg/L on August 14 and September 23, respectively (i.e., below the MRL of 0.50 µg/L and just above the MDL of 0.21 µg/L for EPA Method 524.2).

All detected MTBE concentrations were below the MDE Groundwater Standard (20 µg/L).

2.2.2.2 February and June 2016 Drinking Water Sampling Events

The analytical results for the detected analytes in the February and June 2016 drinking water samples are presented in **Table 3.2**.

No VOCs were detected in the pre-, mid-, or post-GAC samples collected from 2173 Sykesville Road in February 2016.

In February 2016, TAME and TBA were detected in the drinking water sample collected from 2040 Don Avenue at estimated concentrations of 0.33 and 4.34 µg/L, respectively. MTBE was detected in the 2040 Don Avenue drinking water sample at a concentration of 8.38 µg/L. The detected MTBE concentration was below the MDE Groundwater Standard (20 µg/L). 2040 Don Avenue was re-sampled in June 2016. TAME, TBA, and MTBE were not detected in the drinking water sample collected from 2040 Don Avenue in June 2016.

2.2.3 GAC Treatment Sampling Results

2.2.3.1 August 2015 Sampling Event

The analytical results for the water treatment system samples are contained in the laboratory reports included in **Attachment B-1**. Four VOC analytes (TAA, TAME, TBA, and MTBE) were detected in the mid-point (GAC-MID) water sample collected during well development activities. No VOCs were detected in the post treatment (GAC-EFF) water sample collected during well development activities. TPH-GRO was detected in the mid-point (GAC-MID) water sample collected during well sampling activities. TPH-GRO was 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 development and purge water.

2.2.3.2 November 2015 Sampling Event

The analytical results for the water treatment system samples are contained in the laboratory report included in **Attachment B-2**. Eight VOC analytes (TAME, TBA, MTBE, toluene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, o-xylene, and m- & p-xylenes) were detected in the mid-point (GAC-MID) water sample collected during well sampling activities. No VOCs were detected in the post treatment (GAC-EFF) water sample collected during well sampling activities. TPH-GRO and TPH-DRO 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.

2.2.3.3 February 2016 Sampling Event

The analytical results for the water treatment system sample are contained in the laboratory report included in **Attachment B-3**. VOCs and TPH-GRO were not detected in the post treatment (GAC-EFF) water sample collected during well sampling activities. TPH-DRO was detected in GAC-EFF water sample at a concentration of 0.09 mg/L. The absence of VOCs and TPH-GRO document that the GAC filtration system was effective in removing petroleum contaminants originating from the Site before discharging the treated purge water. The source of the TPH-DRO is unknown given that the carbon in the GAC unit was brand new and that this Site is not a source of TPH-DRO.

2.2.3.4 June 2016 Sampling Event

The analytical results for the water treatment system sample are contained in the laboratory report included in **Attachment B-4**. 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 and a summary of the geochemical parameter data obtained since August 2015. Evaluation of the analytical data is discussed below in Section 3.1, and evaluation of the geochemical parameter data is discussed below in Section 3.2.

3.1 Analytical Data Evaluation

3.1.1 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 COC for the Site is MTBE, the discussion presented herein will focus on MTBE. As discussed in Section 2.2.1, isoconcentration maps generated from the August 2015, November 2015, February 2016, and June 2016 MTBE analytical data are presented in **Figures 4-1, 4-2, 4-3, and 4-4**. Isoconcentration maps generated from the September 2008, December 2012, May 2010, April 2012, and June 2013 MTBE analytical data, 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 present in these seven wells during the August 2015 sampling event, though in a differing order (i.e., the Lot 7 Well, MW-7A, MW-1A, MW-1, MW-7R, MW-4, and MW-7B). The highest MTBE concentrations were present in six of these seven wells during the November 2015 sampling event in the following order: the Lot 7 Well, MW-7A, MW-4, MW-1A, MW-1, and MW-7R). MTBE was not detected in MW-7B during the November 2015 sampling event. The highest MTBE concentrations were present in these seven wells during the February 2016 sampling event in the following order: the Lot 7 Well, MW-7A, MW-1A, MW-4, MW-1, MW-7B, and MW-7R. 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). MTBE was not detected in MW-7B during the June 2016 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). 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 D**.

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

- MTBE concentrations in five of these wells (MW-1, MW-1A, MW-4, MW-7B, and MW-7R) have demonstrated a marked decrease where the June 2016 concentrations range from non-detect to 3% of the peak concentrations.
- The MTBE concentration in one of these wells (MW-7A) has demonstrated a significant decrease where the June 2016 concentration is 7% of the peak concentration.
- The MTBE concentration in one of these wells (the Lot 7 Well) has demonstrated a considerable decrease where the June 2016 concentration is 19% of the peak concentration.

Some rebound in the MTBE concentrations was observed in February 2016 in the Lot 7 Well, MW-7A, and MW-7B. This rebound likely resulted from the higher groundwater levels, recorded at this time, which acted to mobilize contamination to the intervals open to these wells. This rebound appears to have been a temporary response to the unusually high February 2016 groundwater levels, as the MTBE concentrations in all seven of these wells have returned to anticipated levels and were lower during the fourth quarterly sampling event performed in June 2016 than those detected during the second quarterly sampling event performed in November 2015.

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 demonstrated a marked decrease where the June 2016 concentrations range from non-detect to 4% of the peak concentrations.

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.

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

Well	Peak MTBE Concentration (µg/L)	Date of Peak MTBE Concentration	June 2016 MTBE Concentration (µg/L)	% Remaining (June 2016 Concentration/Peak Concentration)
MW-1	25,400	9/2008	122	0.5%
MW-1A	14,100	9/2008	390	3%
MW-4	9,460	9/2008	316	3%
MW-7A	7,510	9/2008	557	7%
Lot 7 Well	7,510	12/2009	1,430	19%
MW-7B	3,910	12/2009	Non-detect	-
MW-7R	2,990	4/2010	17.4	0.6%
MW-2	1,350	9/2008	56.3	4%
H-1A	1,150	9/2008	Non-detect	-
H-6	597	9/2008	3.9	0.7%
MW-6	457	5/2010	Non-detect	-
H-4A	17	9/2008	Non-detect	-
H-3	3.9	9/2008	Non-detect	-
MW-3	0.7	9/2008	Non-detect	-
MW-5	0.6	9/2008	Non-detect	-
Lot 4 Well	Non-detect	-	Non-detect	-
Sentinel Well	Non-detect	-	Non-detect	-

The isoconcentration maps included in **Figures 4-1** through **4-4** and **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-7B, MW-7R, MW-7A, MW-2, H-1A, H-6, and MW-6 where the % remaining ranges from non-detect to 7%) and somewhat less rapidly in the well on the Adjacent Property (the Lot 7 Well where the % remaining is 19%). This variation is depicted upon comparison of the isoconcentration maps prepared using the June 2013 data (**Attachment C, page 5**), the August 2015 data (**Figure 4-1**), the November 2015 data (**Figure 4-2**), the February 2016 data (**Figure 4-3**), and the June 2016 data (**Figure 4-4**). 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 since June 2013; whereas the lateral extent of the MTBE groundwater contamination plume on the Adjacent Property has decreased to a lesser but still notable degree since June 2013.

3.1.2 Drinking Water Sample Analytical Data Evaluation

Table E 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 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 sampled 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 concurrent with the fourth quarterly groundwater sampling event to evaluate the anomalous nature of this detection. MSS reported MTBE as not detected relative to the MRL. CGS 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 reported for TAME and TBA). Consistent with the information discussed above in Section 3.1.1 (under the heading of “Seven wells with peak MTBE concentrations greater than 2,000 µg/L”), the MTBE concentration at 2040 Don Avenue also returned to its anticipated level and again represents the previously stabilized range of concentrations at this location.

Table E
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 **

* As reported by MSS in email correspondence dated September 30, 2015.

** As reported by MSS in email correspondence dated July 1, 2016.

3.1.3 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 3.1.1 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 81% reduction in the MTBE concentration in the Lot 7 Well, but at a less rapid rate than that occurring on the Property.

3.2 Geochemical Parameter Data Evaluation

Geochemical parameter data were collected during each of the 2015 and 2016 quarterly groundwater sampling events to allow evaluation of a secondary line of evidence for remediation by natural attenuation at the Site. The geochemical parameter data that were collected and evaluated include DO, nitrate, dissolved manganese, ferrous iron, sulfate, and dissolved methane.

Coupled with petroleum contaminant attenuation, the disappearance of DO and anaerobic electron receptors (i.e., nitrate and sulfate) and appearance of electron-acceptor reduction products (i.e., dissolved manganese, ferrous iron, and dissolved methane), all relative to up-gradient concentrations, is clear evidence of biodegradation. In zones of high petroleum contaminant concentrations, where biodegradation is active, DO is depleted, because microorganisms have utilized the available oxygen as they biodegrade MTBE and other petroleum constituents. The inverse relationship between petroleum and DO concentrations can be used as a key indicator of aerobic bioremediation. After DO has been depleted, nitrate, if available, may be used as an electron acceptor for anaerobic biodegradation, and under more strongly reducing conditions, sulfate can be used as an electron acceptor for anaerobic biodegradation. Both nitrate and sulfate concentrations would be expected to have an inverse relationship with petroleum concentrations. Manganese (Mn⁺⁴) and ferric iron may be used as terminal electron-acceptors yielding dissolved manganese (Mn⁺²) and ferrous iron as reduction products. Therefore, manganese (Mn⁺²) and ferrous iron can be used as indicators of biodegradation, and would be expected to have a positive correlation with petroleum concentrations. Finally, methane is produced only under strongly reducing conditions, and it can also be used as an indicator of biodegradation. Under methanogenic conditions, a positive correlation would be expected between petroleum and methane concentrations.

Though there can be some overlap, the bioremediation process progresses in the following sequence: DO (depletion), nitrate (depletion), dissolved manganese (appearance), ferrous iron (appearance), sulfate (depletion), and dissolved methane (appearance).

Groundwater monitoring wells H-3, MW-3, MW-5, the Lot 4 Well, and the Sentinel Well, which are located up-gradient and/or outside of the plume, have been used as reference when comparing geochemical parameter data for the monitoring wells located within the plume.

MTBE Concentrations Trend (2015 and 2016 Quarterly Groundwater Sampling Events)

As shown in **Table 4**, illustrated in **Figure 5**, and discussed above in Sections 3.1.1 and 3.1.3, the MTBE concentrations have decreased significantly since 2008. The MTBE concentrations have decreased or were stable in the wells located inside of the plume between August 2015 and June 2016. MTBE was not detected in any of the reference wells (i.e., H-3, MW-3, MW-5, the Lot 4 Well, and the Sentinel Well) during the 2015 and 2016 quarterly groundwater sampling events.

Dissolved Oxygen (DO)

DO measured in the five reference wells and in H-4A, where contaminant concentrations are very low, during the 2015 and 2016 quarterly groundwater sampling events ranged from 26.7 to 83.6% of saturation. (Note that DO readings which are significantly above 100% are deemed to be erroneous readings.) DO readings below this range, and varying from 3.0 to 15.5% of saturation, have been measured in H-1A, H-6, MW-1, MW-1A, MW-2, MW-7A, MW-7B, MW-7R, and the Lot 7 Well during one or more of the 2015 and 2016 quarterly groundwater sampling events. This list of wells closely matches the list of wells in which the highest and mid-range increased groundwater levels were recorded in February 2016 (i.e., H-1A, H-6, MW-1, MW-1A, MW-2, MW-4, MW-5, MW-6, MW-7A, MW-7B,

MW-7R, and the Lot 7 Well). As discussed above in Section 2.1, the wells where the highest and mid-range increased groundwater levels were recorded are aligned with the bedrock fracture zone.

Figure 6 presents an isoconcentration map of the June 2016 DO measurements. The DO isoconcentration map exhibits an area where oxygen has been depleted in groundwater. This area closely matches the area where MTBE was detected in June 2016 as shown on **Figure 4-4**. The groundwater plume area shown on **Figure 4-4** includes the former source area, located in the vicinity of MW-1 and MW-1A, and the down-gradient bedrock fracture zone impacted area which includes MW-7A and the Lot 7 Well. These data indicate that an inverse relationship between the DO readings and the petroleum hydrocarbon concentrations is present within the groundwater plume area.

The area where depleted DO readings were recorded also encompasses locations where MTBE was not detected above the MRL (i.e., MW-1A and H-6) in June 2016. These data suggest that depleted DO conditions also exist in the up-gradient bedrock fracture zone area.

DO concentrations of 1 mg/L or less are associated with anaerobic conditions (USGS, 2013). The solubility of DO varies with respect to temperature, atmospheric pressure, and salinity. Assuming a salinity correction is not needed, a DO concentration of 1 mg/L corresponds to 11% of saturation using a mid-range measured groundwater temperature, a mid-range atmospheric pressure, and the corresponding DO concentration at 100% saturation (as obtained from USGS, 1998). Accordingly, the data indicate that aerobic bioremediation has occurred at the Site and that bioremediation has progressed to the point where anaerobic bioremediation is occurring in the area depicted by the isoconcentration contour line on **Figure 6**.

Nitrate

The nitrate concentrations detected during the 2015 and 2016 quarterly groundwater sampling events indicate that nitrate is available in groundwater as an anaerobic electron receptor for anaerobic bioremediation once DO has been depleted. The nitrate concentrations in the reference wells in June 2016 ranged from 6.0 to 12.6 mg/L, and the nitrate concentrations in the wells where depleted DO readings were recorded in June 2016 ranged from 1.5 to 10.3 mg/L. Excluding MW-2, the nitrate concentrations in the wells where depleted DO readings were recorded in June 2016 ranged from 1.5 to 6.1 mg/L. Given the establishment of anaerobic conditions in the area depicted on **Figure 6**, one would have expected to observe nitrate concentrations within the groundwater plume area that were more significantly lower than those detected in the reference wells. However, the fact that the range of nitrate concentrations in the wells where depleted DO readings were recorded is lower than the range of nitrate concentrations in the reference wells may provide sufficient evidence that anaerobic bioremediation is occurring in this area.

Manganese

Figure 7 presents an isoconcentration map of the June 2016 manganese concentrations. The manganese concentrations in the reference wells in June 2016 ranged from non-detect (0.010 mg/L) to 0.496 mg/L, and the manganese concentrations in the wells where depleted DO readings were recorded in June 2016 ranged from 0.029 to 7.06 mg/L. Excluding MW-7A and the Lot 7 Well, the manganese concentrations in the wells where depleted DO readings were recorded in June 2016 ranged from 1.05 to 7.06 mg/L. This area is depicted by the isoconcentration contour line on **Figure 7**. The higher range of manganese concentrations in these wells indicates that more active anaerobic bioremediation is occurring in the area depicted on **Figure 7**.

Ferrous Iron

The ferrous iron data collected to date show no correlation given that it was not detected in any of the samples during any of the sampling events with the exception of the Lot 4 Well during the February 2016 sampling event. This may indicate that ferric iron is not acting as a terminal electron-acceptor for anaerobic biodegradation or it may indicate that the field test kits were not sufficiently sensitive to detect the ferrous iron concentrations at the Site.

Sulfate

The sulfate concentrations in the reference wells in June 2016 ranged from non-detect (1.0 mg/L) to 51.5 mg/L. The sulfate concentrations in the two most up-gradient wells (MW-3 and H-3) were 21.4 and 51.5 mg/L in June 2016. The sulfate concentrations in the wells where depleted DO readings were recorded in June 2016 ranged from 2.4 to 14.0 mg/L. The lower range of sulfate concentrations in the wells where depleted DO readings were recorded relative to up-gradient conditions may suggest that anaerobic bioremediation under strongly reducing conditions is occurring in the area depicted on **Figure 6**.

Methane

Methane was detected in the groundwater sample from one of the reference wells (the Lot 4 Well) in November 2015. Methane was not detected in the groundwater samples from the other four reference wells during any of the sampling events. Methane was detected in the groundwater samples from H-1A, H-6, MW-1A, MW-2, and the Lot 7 Well during one or more of the 2015 and 2016 quarterly groundwater sampling events. Indications of anaerobic bioremediation have been recorded in each of these wells. The intermittent presence of methane at these locations may indicate strongly reducing conditions for anaerobic biodegradation.

Geochemical Parameter Data Evaluation Summary

The geochemical parameter data demonstrate a secondary line of evidence for remediation by natural attenuation at the Site. Depleted DO was recorded throughout the groundwater plume area, including in the former source area and the down-gradient bedrock fracture zone impacted area, as well as in the up-gradient bedrock fracture zone area. Nitrate was detected in the groundwater plume area at a lower range of concentrations than those detected in the reference wells. Enhanced manganese concentrations were detected in the former source area and in the up-gradient bedrock fracture zone area. The ferrous iron data show no correlation which may reflect the sensitivity of the field test kits. Sulfate was detected in the groundwater plume area at a lower range of concentrations than those detected in the up-gradient reference wells. Methane has been detected in many of the wells where depleted DO and other indications of anaerobic bioremediation were recorded.

4.0 CONCLUSIONS

CGS has performed one year of Monitored Natural Attenuation activities at the George's Deli & Gas Site near Westminster, Maryland. Based on the results of the Monitored Natural Attenuation activities performed to date 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. This is consistent with the overall groundwater flow direction previously determined for the Site. A steep hydraulic gradient to the northwest exists on the Property that is indicative of a bedrock fracture zone trending to the northeast. This is consistent with the findings of the aquifer pumping test that was conducted in 2010 which indicated that a

good hydraulic connection exists between MW-7R (which was the pumping well) and the Lot 7 Well to the northeast.

Unusually high groundwater elevation levels were recorded at the Site during the February 2016 sampling event. These groundwater levels appear to reflect recharge from higher than average levels of precipitation that occurred during the months of December, January, and the early part of February 2016, melting of snowpack that occurred in the warm weather that immediately preceded the February 2016 gauging event, and enhanced recharge associated with the bedrock fracture zone.

The groundwater levels recorded in August 2015, November 2015, and June 2016 were representative of these that have typically been recorded at the Site.

- MTBE, the primary COC at the Site, was detected at concentrations exceeding its MDE Groundwater Standard in six of the 17 monitoring wells during the June 2016 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. The lateral extent of the MTBE groundwater contamination plume on the Adjacent Property has decreased to a lesser but still notable degree.
 - The available data indicate that MTBE in the supply well at 2040 Don Avenue had been stable, at estimated concentrations below the MRL (0.50 µg/L), for more than three and a half years and that an increase in the MTBE concentration (which continues to be below the MDE Groundwater Standard) was detected in February 2016. This increased MTBE concentration is related to the unusually high February 2016 groundwater levels and represented a momentary pulse in the groundwater system and not a long-term condition. The MTBE concentration at 2040 Don Avenue returned to an estimated concentration below the MRL in June 2016 and again reflects a stabilized level.
 - The MTBE data demonstrate the primary line of evidence for remediation by natural attenuation (i.e., decreasing MTBE concentrations and overall reduction in the size of the groundwater contamination plume).
- A review of the geochemical parameter data collected during this investigation indicates that anaerobic biodegradation is occurring at the Site which demonstrates the secondary line of evidence for remediation by natural attenuation. Inverse relationships were established between DO, nitrate, and sulfate and the petroleum hydrocarbon contamination, and a positive correlation was established between manganese and the petroleum hydrocarbon contamination and possibly between methane and the petroleum hydrocarbon contamination.

On behalf of the Country Side Trust and as a result of documenting primary and secondary lines of evidence for remediation by natural attenuation at the Site, CGS respectfully requests closure of MDE Case No. 2007-0096-CL.

5.0 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 independent analytical laboratories which are solely responsible for the accuracy of their methods and results.

6.0 REFERENCES

American Society for Testing and Materials (ASTM), 2010. E1943-98 *Standard Guide for Remediation of Ground Water by Natural Attenuation at Petroleum Release Sites*.

U.S. Geological Survey (USGS), April 1998. Techniques of Water-Resources Investigations, Book 9 *National Field Manual for the Collection of Water-Quality Data*, Chapter 6 *Field Measurements*, Section 2 *Dissolved Oxygen*.

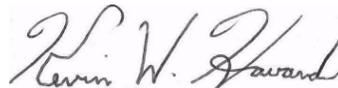
USGS, January 10, 2013. Scientific Investigations Report 2006-5056. *Redox Conditions in Contaminated Ground Water*.

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
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- Figure 4-1 - MTBE Isoconcentration Map - August 2015 Sampling Event

Figure 4-2 - MTBE Isoconcentration Map - November 2015 Sampling Event
Figure 4-3 - MTBE Isoconcentration Map - February 2016 Sampling Event
Figure 4-4 - MTBE Isoconcentration Map - June 2016 Sampling Event
Figure 5 - MTBE Concentration Variations with Time
Figure 6 - DO Isoconcentration Map - June 2016 Sampling Event
Figure 7 - Manganese Isoconcentration Map - June 2016 Sampling Event

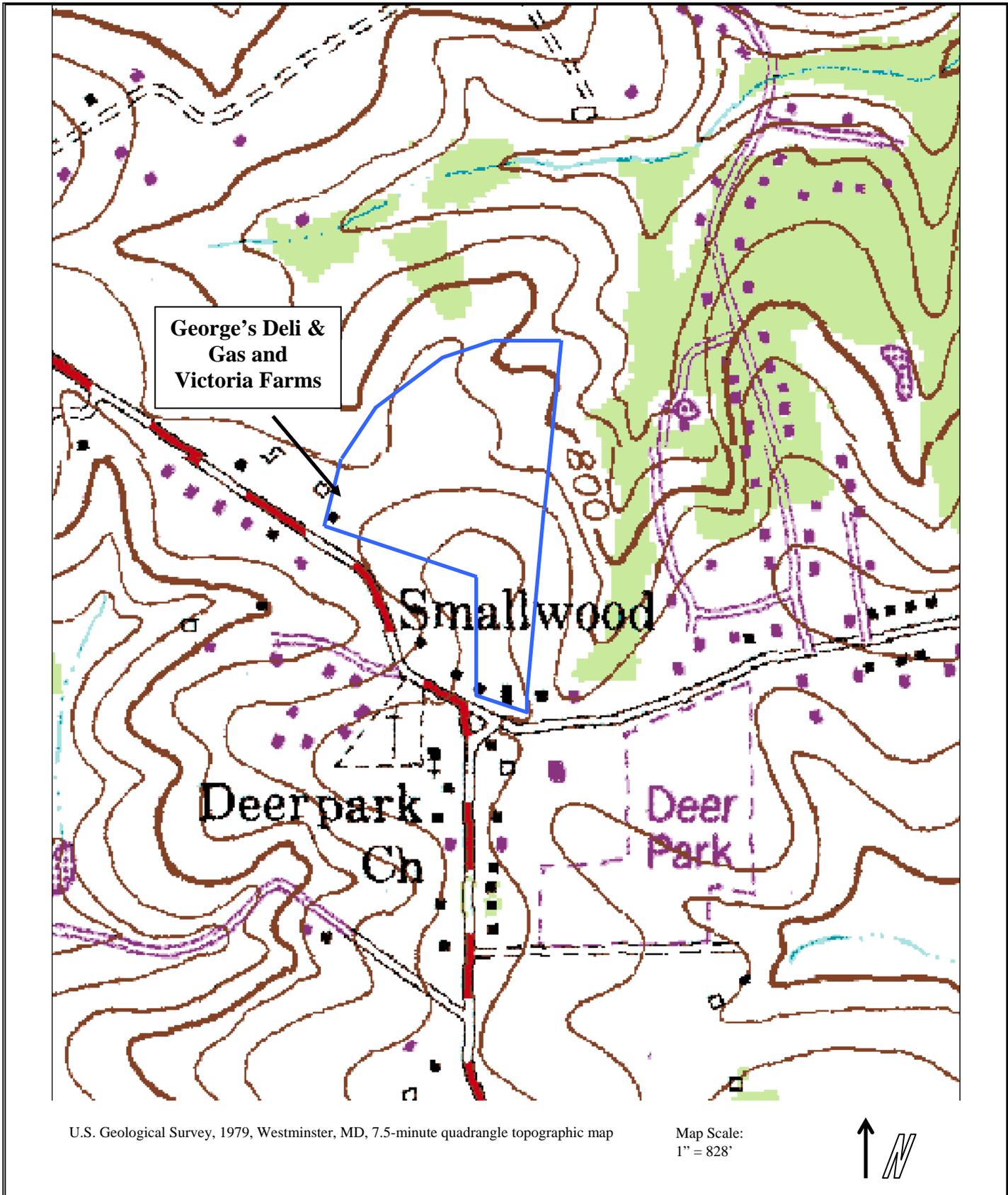
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Table 2-1 - Summary of Groundwater Sample Results – Detected Analytes - August 2015 Sampling Event
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Table 2-4 - Summary of Groundwater Sample Results – Detected Analytes – June 2016 Sampling Event
Table 3-1 - Summary of Drinking Water Sample Results – Detected Analytes - August and September 2015 Sampling Events
Table 3-2 - Summary of Drinking Water Sample Results – Detected Analytes - February and June 2016 Sampling Events
Table 4 - Historical Summary of Groundwater Sample Results

Attachments

Attachment A-1 – Groundwater Sampling Logs - August 2015 Sampling Event
Attachment A-2 – Groundwater Sampling Logs - November 2015 Sampling Event
Attachment A-3 – Groundwater Sampling Logs - February 2016 Sampling Event
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Attachment B-1 – Laboratory Analytical Reports and Chain-Of-Custody Records - August and September 2015 Sampling Events
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Attachment B-3 – Laboratory Analytical Reports and Chain-Of-Custody Records - February 2016 Sampling Event
Attachment B-4 – Laboratory Analytical Reports and Chain-Of-Custody Records - June 2016 Sampling Event
Attachment C – Prior MTBE Isoconcentration Maps

FIGURES

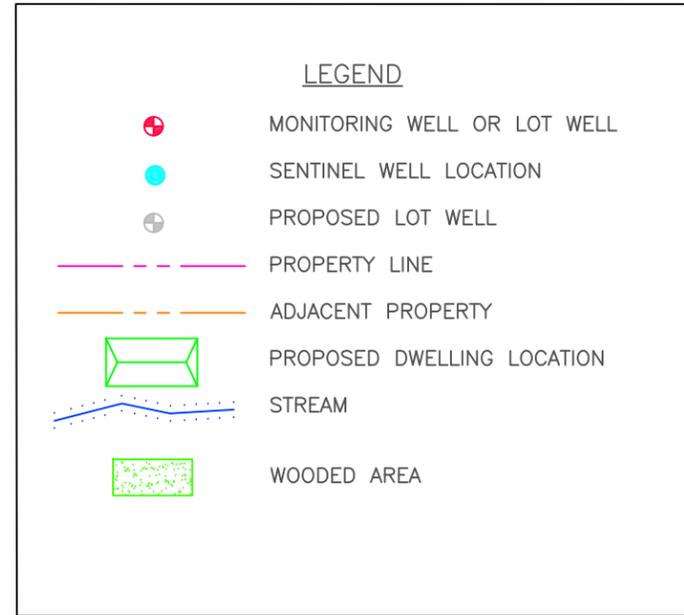
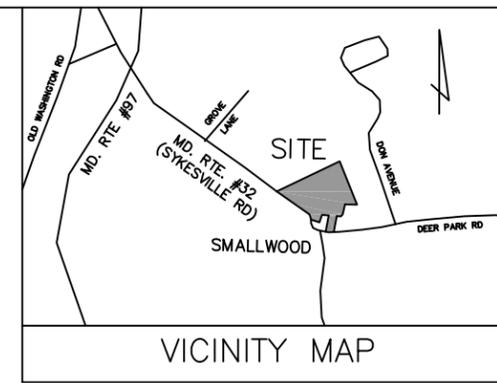
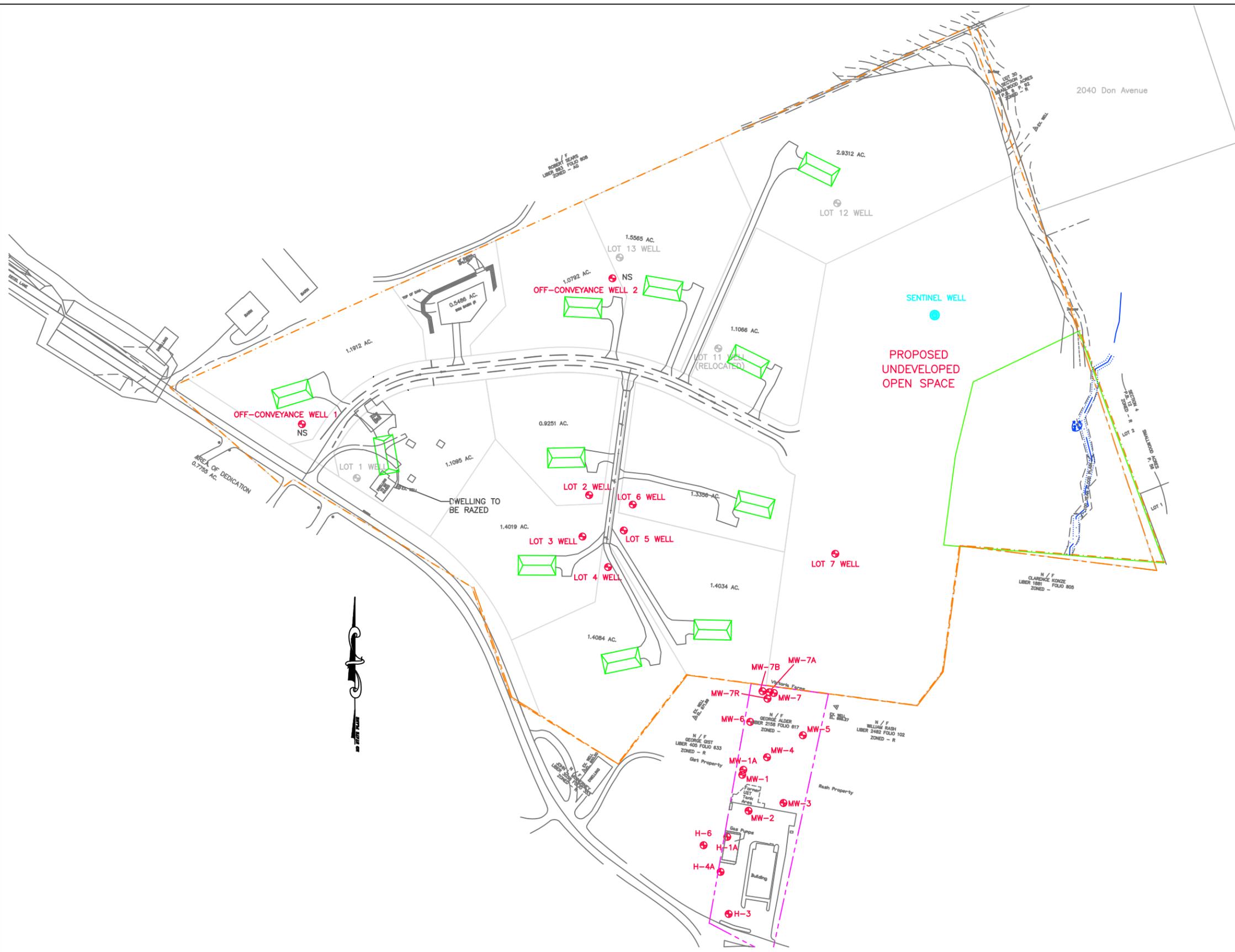


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Job #:	Proj. Mang.:
CG-08-0348	KH



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



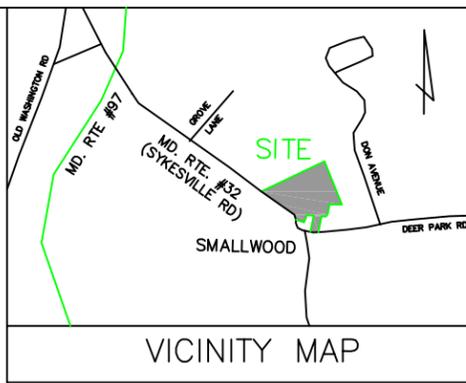
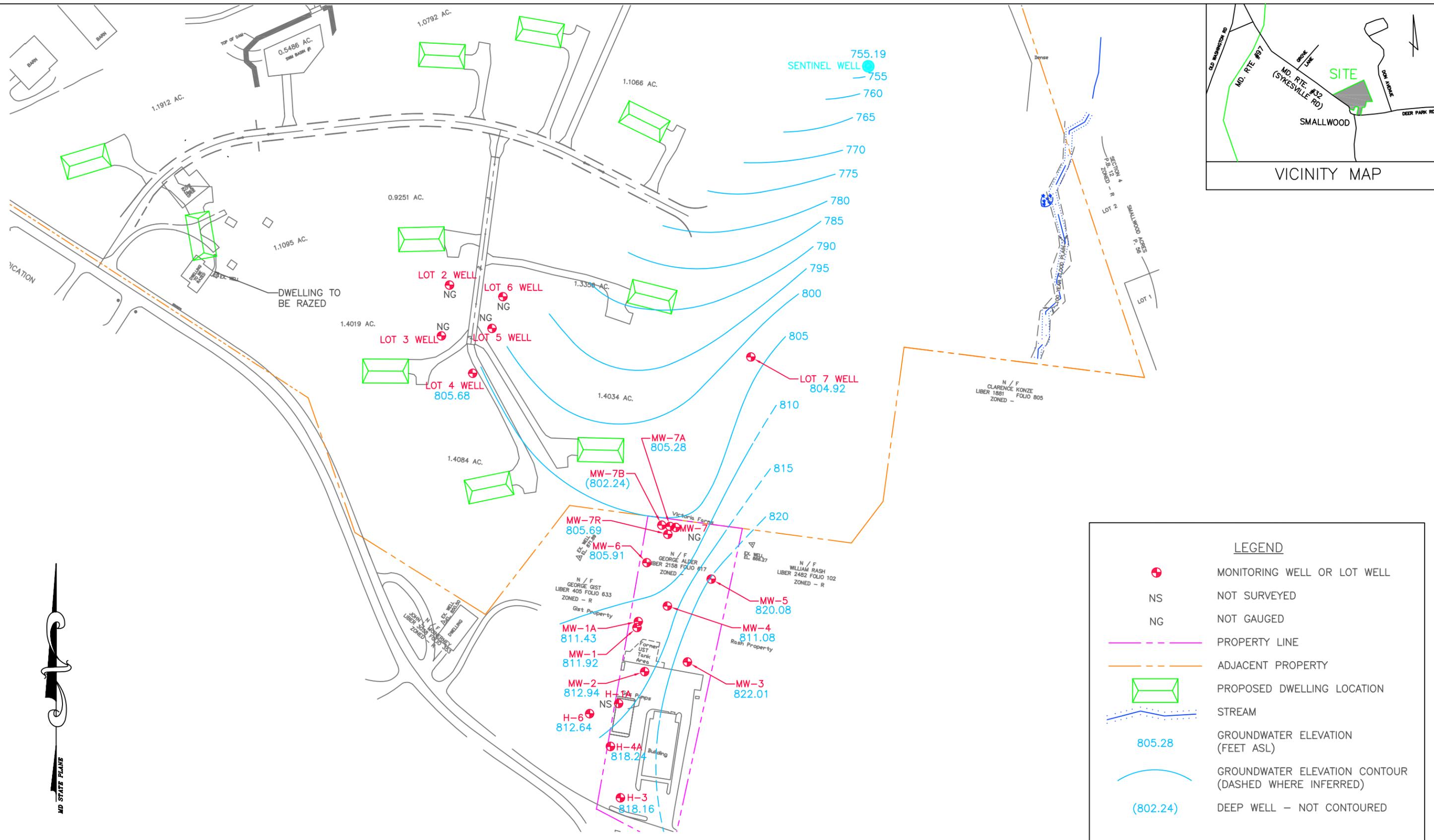
Drawn By:	Date:
MS & LB	07/09/13
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 180'	

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SITE DIAGRAM AND WELL LOCATION MAP
602 Deer Park Road and 2139 Sykesville Road
Westminster, MD 21157

Figure 2



LEGEND	
+	MONITORING WELL OR LOT WELL
NS	NOT SURVEYED
NG	NOT GAUGED
---	PROPERTY LINE
---	ADJACENT PROPERTY
▭	PROPOSED DWELLING LOCATION
~	STREAM
805.28	GROUNDWATER ELEVATION (FEET ASL)
---	GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
(802.24)	DEEP WELL - NOT CONTOURED



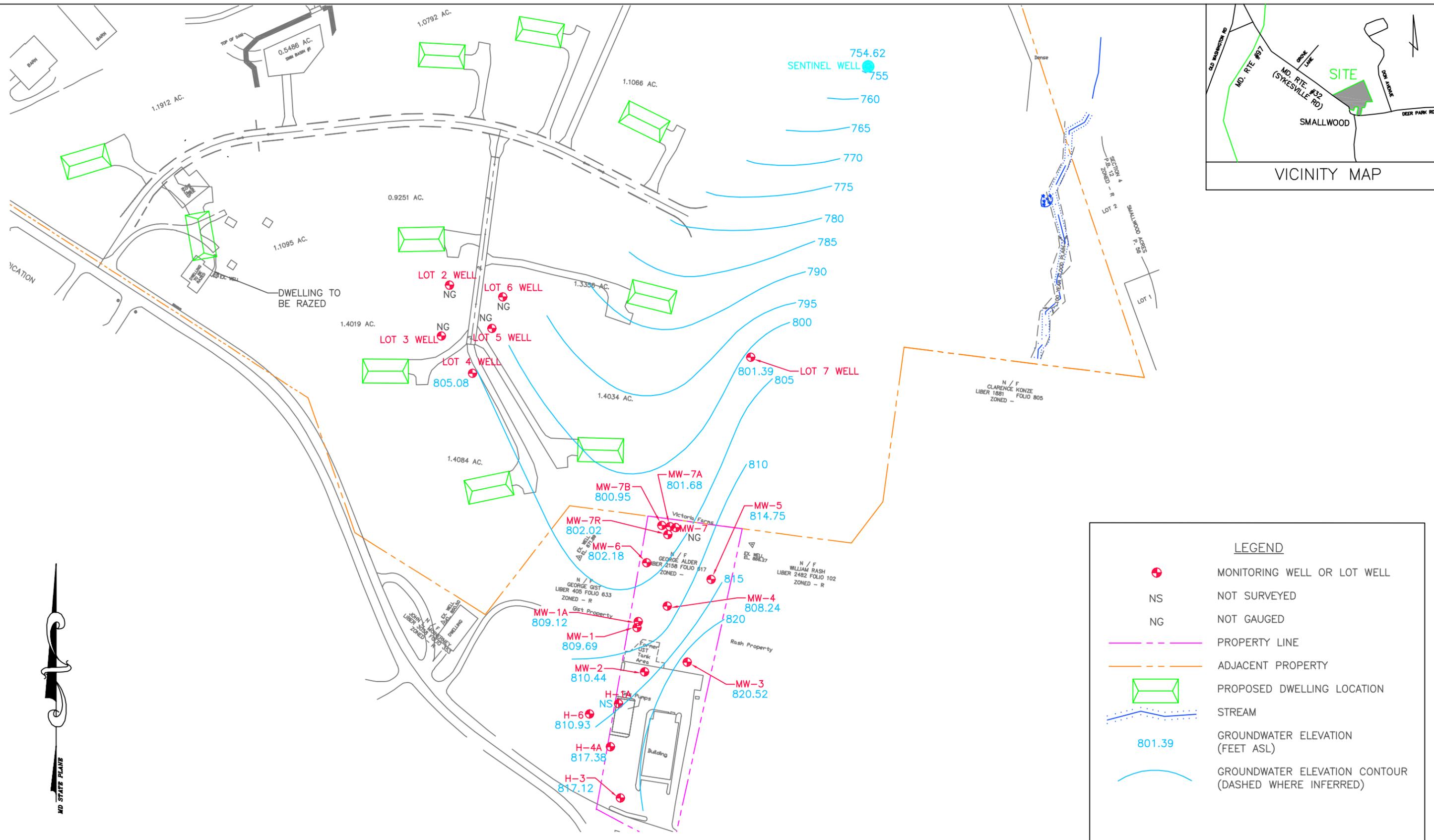
Drawn By:	Date:
MRW	09/14/15
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 130'	



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GROUNDWATER CONTOUR MAP - AUGUST 10, 2015
 602 Deer Park Road and 2139 Sykesville Road
 Westminster, MD 21157

Figure 3-1



LEGEND

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

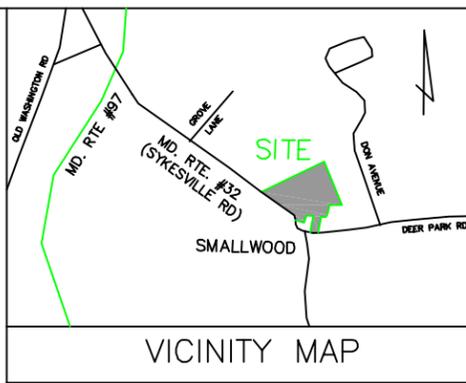
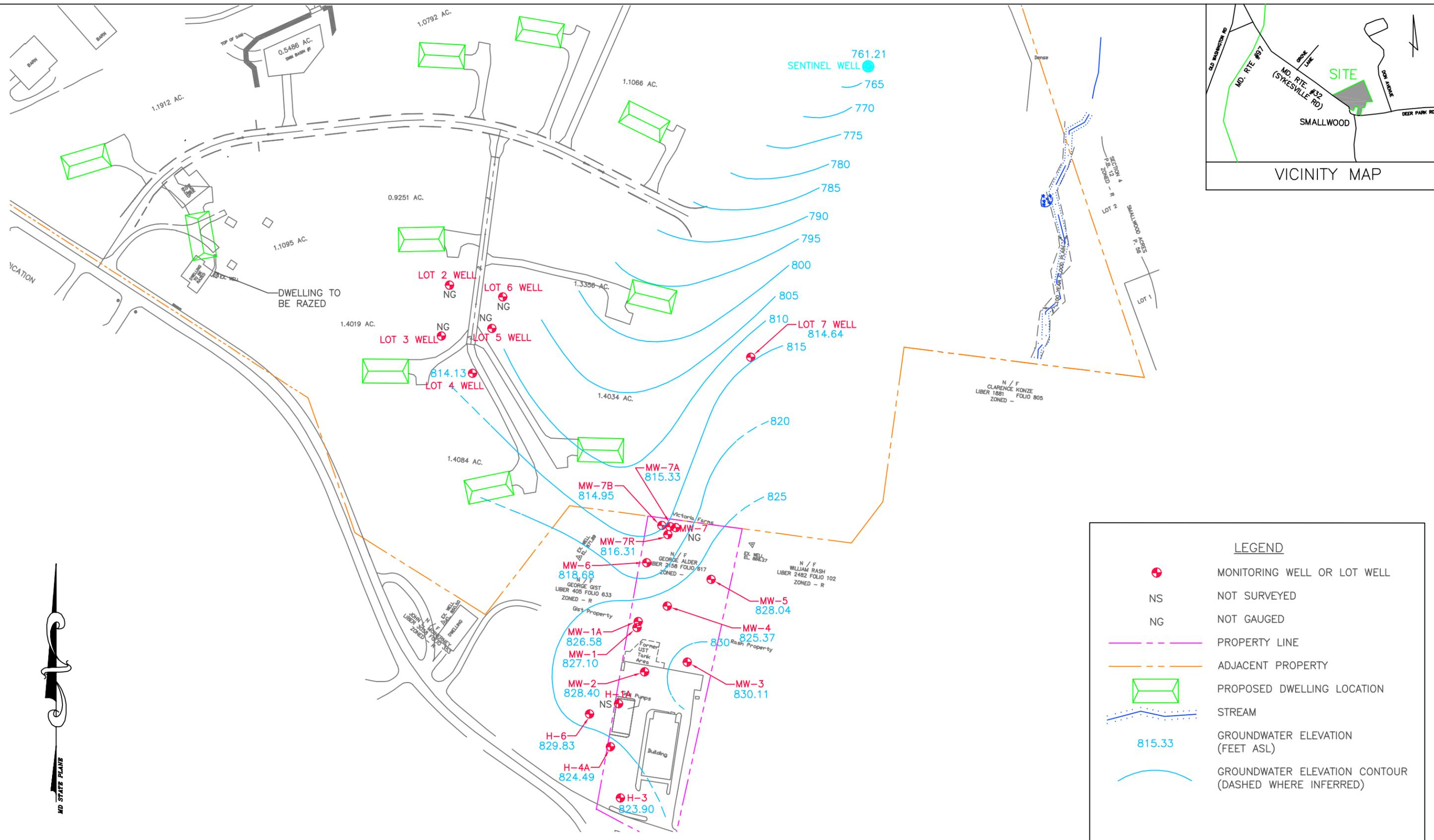
Drawn By:	Date:
MRW	01/13/16
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 130'	



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GROUNDWATER CONTOUR MAP - NOVEMBER 16, 2015
 602 Deer Park Road and 2139 Sykesville Road
 Westminster, MD 21157

Figure 3-2



LEGEND

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



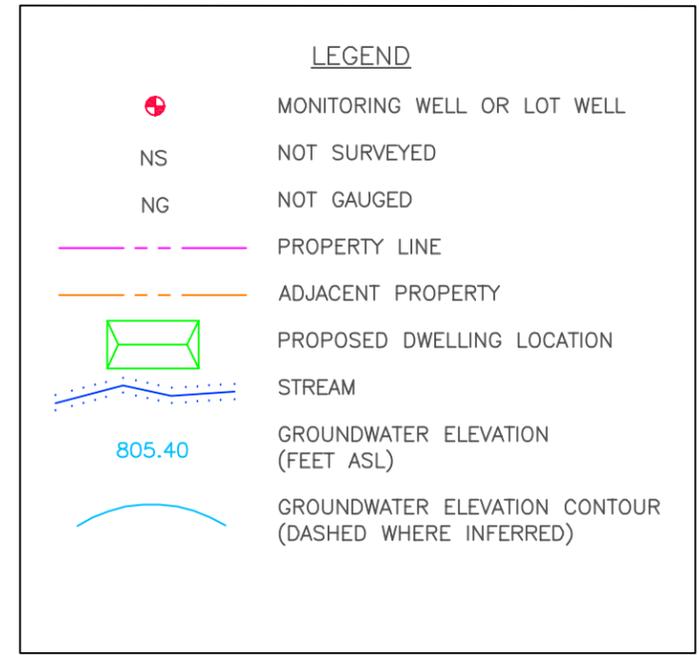
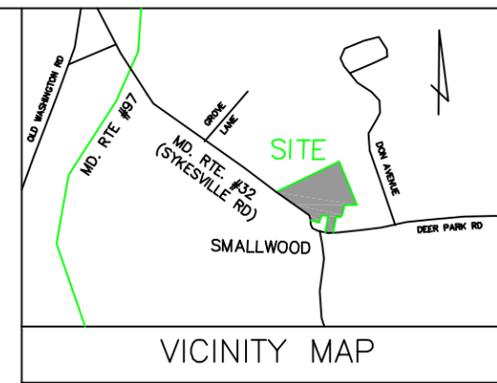
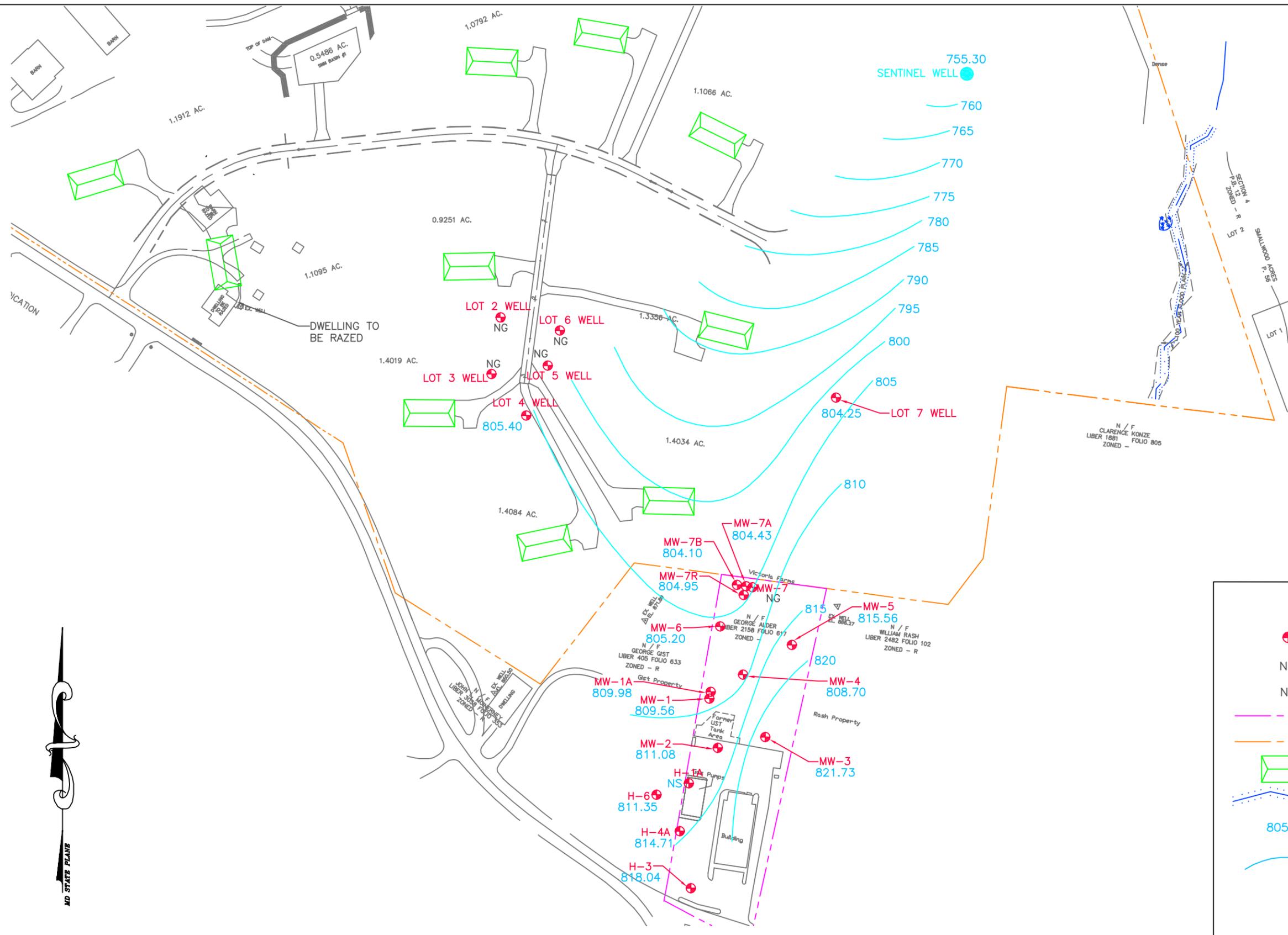
Drawn By:	Date:
MRW	04/13/2016
Job #:	Proj. Manager:
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Scale: 1" = 130'	

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GROUNDWATER CONTOUR MAP - FEBRUARY 22, 2016
 602 Deer Park Road and 2139 Sykesville Road
 Westminster, MD 21157

Figure 3-3



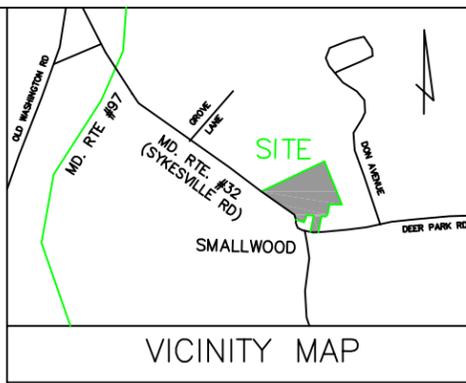
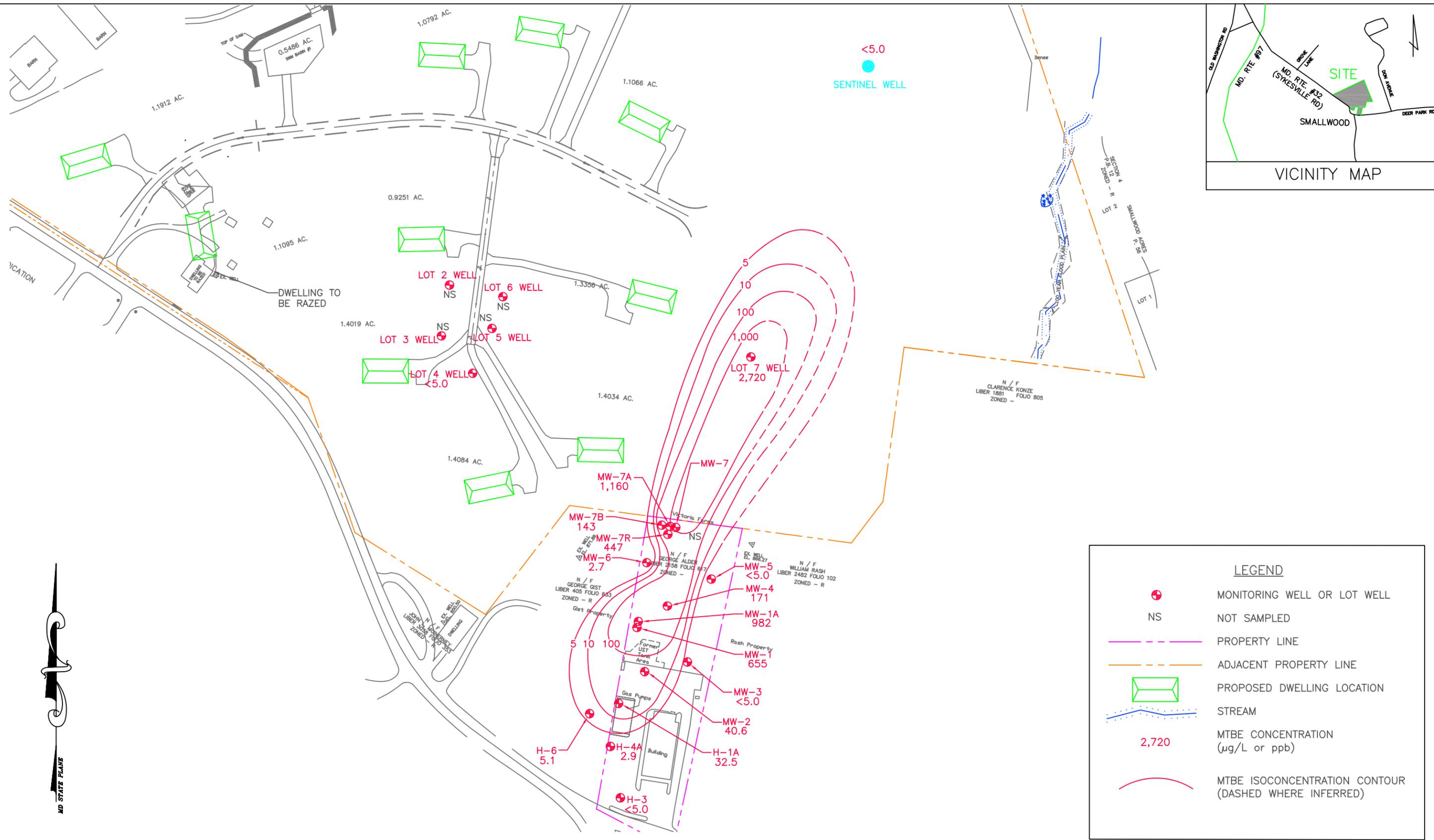
Drawn By:	Date:
MRW	07-15-2016
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 130'	

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GROUNDWATER CONTOUR MAP - JUNE 13, 2016
602 Deer Park Road and 2139 Sykesville Road
Westminster, MD 21157

Figure 3-4



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

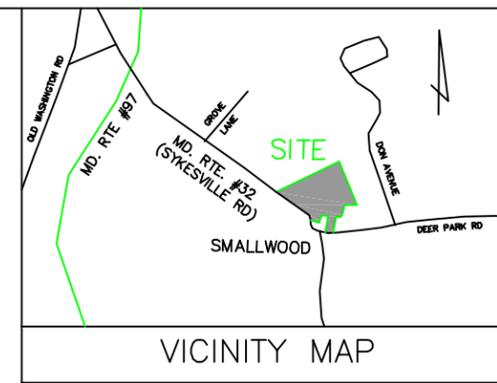
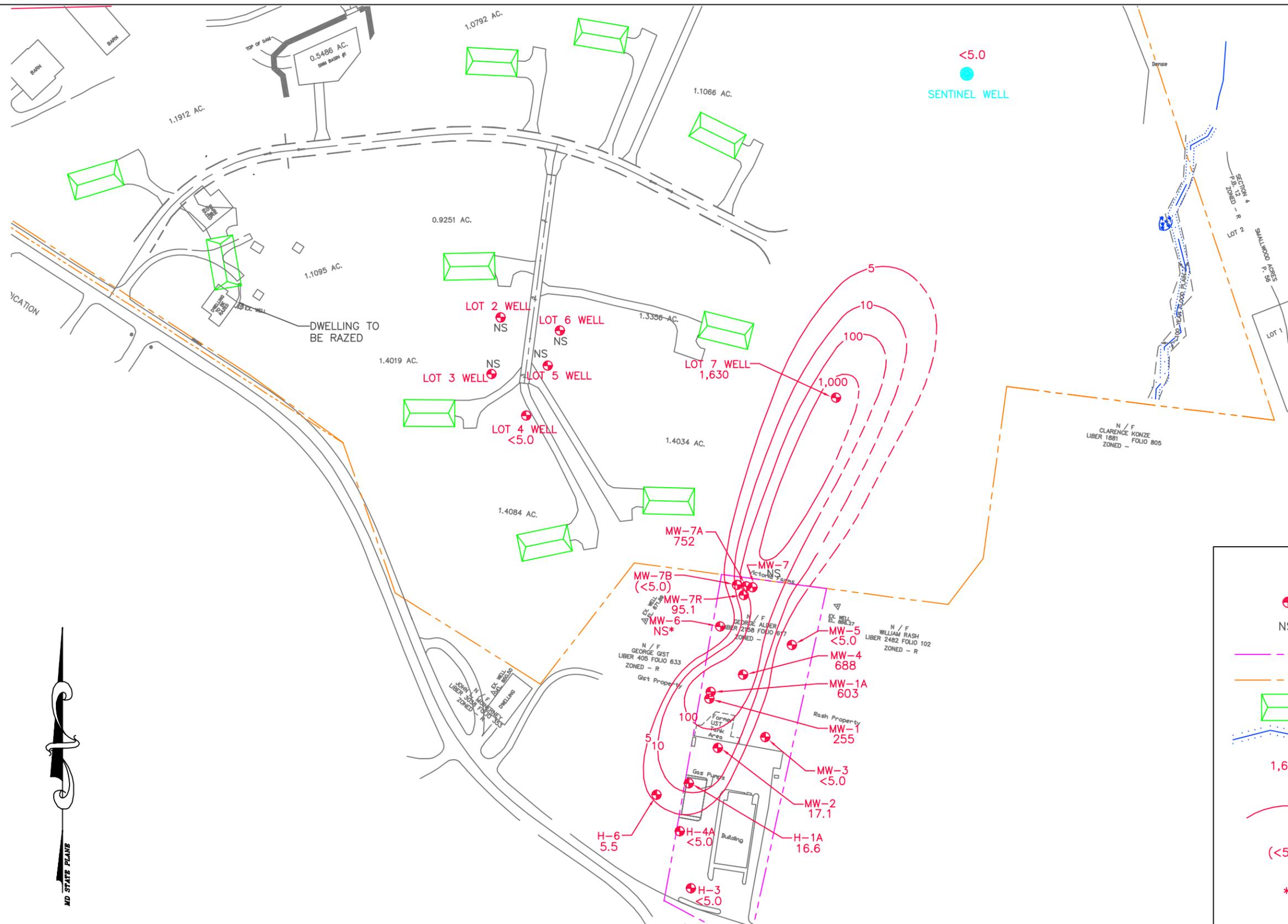
Drawn By:	Date:
MRW	09/14/15
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 130'	



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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)
- <math><5.0</math> DEEP WELL OF CLUSTER NOT CONTOURED
- * ASSUME <math><5.0</math> μg/L BASED ON PRIOR RESULTS



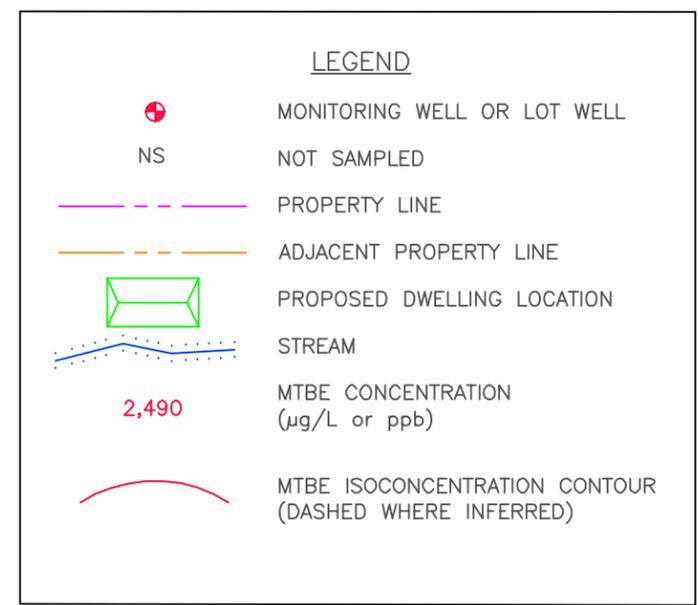
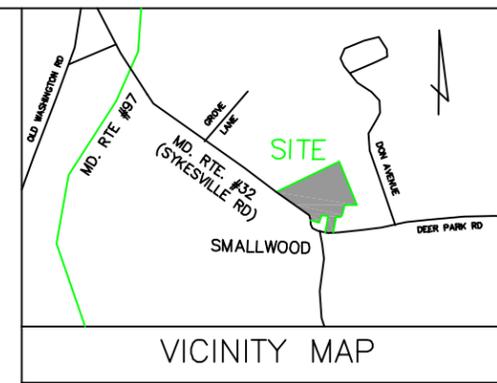
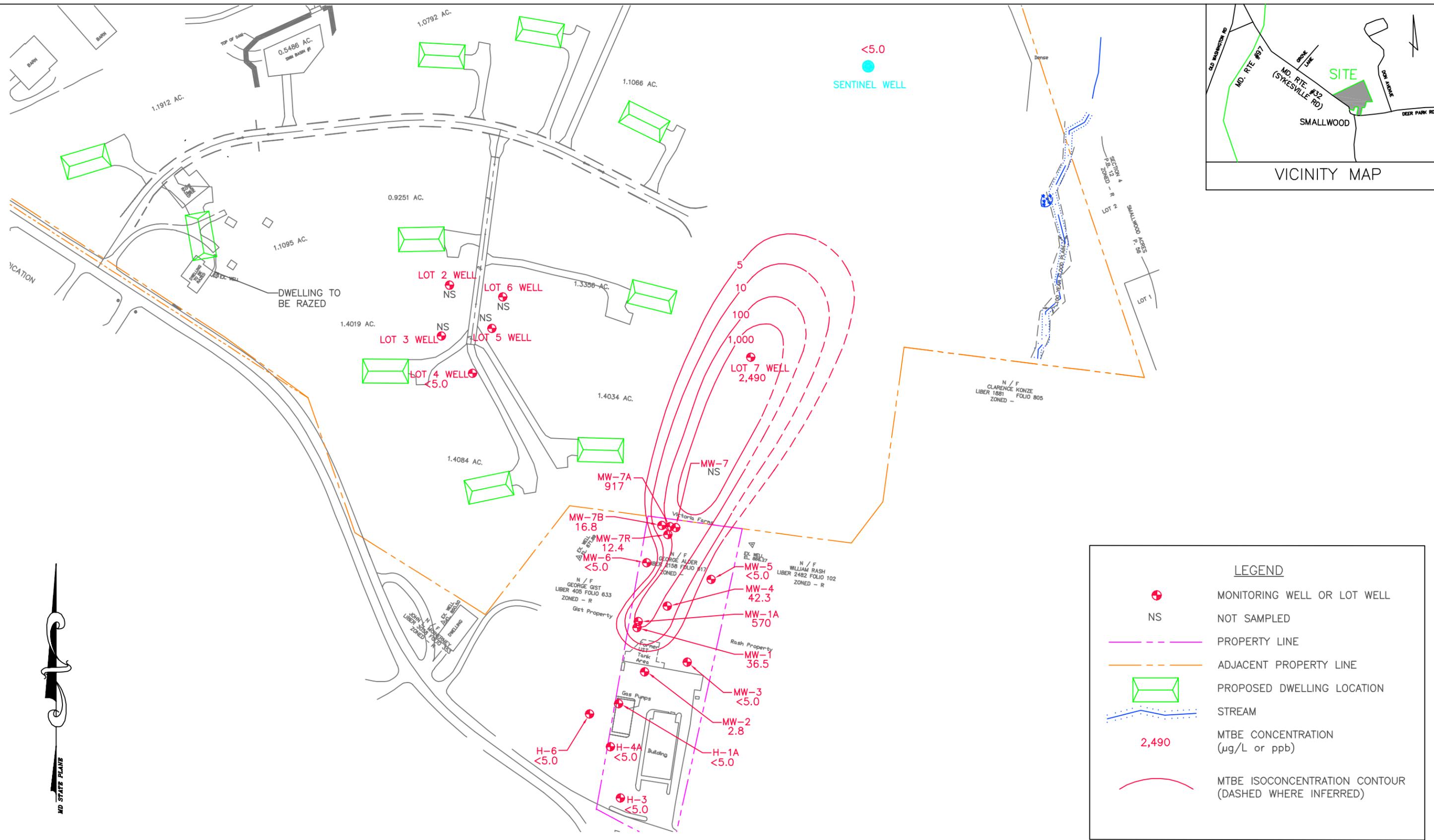
Drawn By:	Date:
MRW	01/13/16
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 130'	



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MTBE ISOCONCENTRATION MAP - NOVEMBER 2015
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 Westminster, MD 21157

Figure 4-2



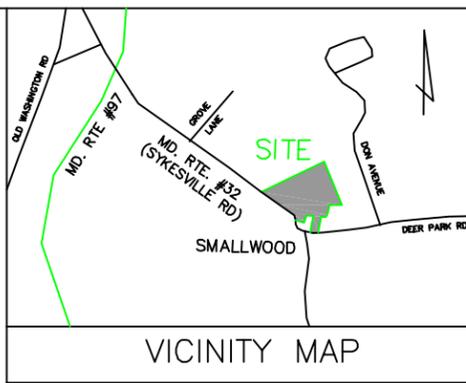
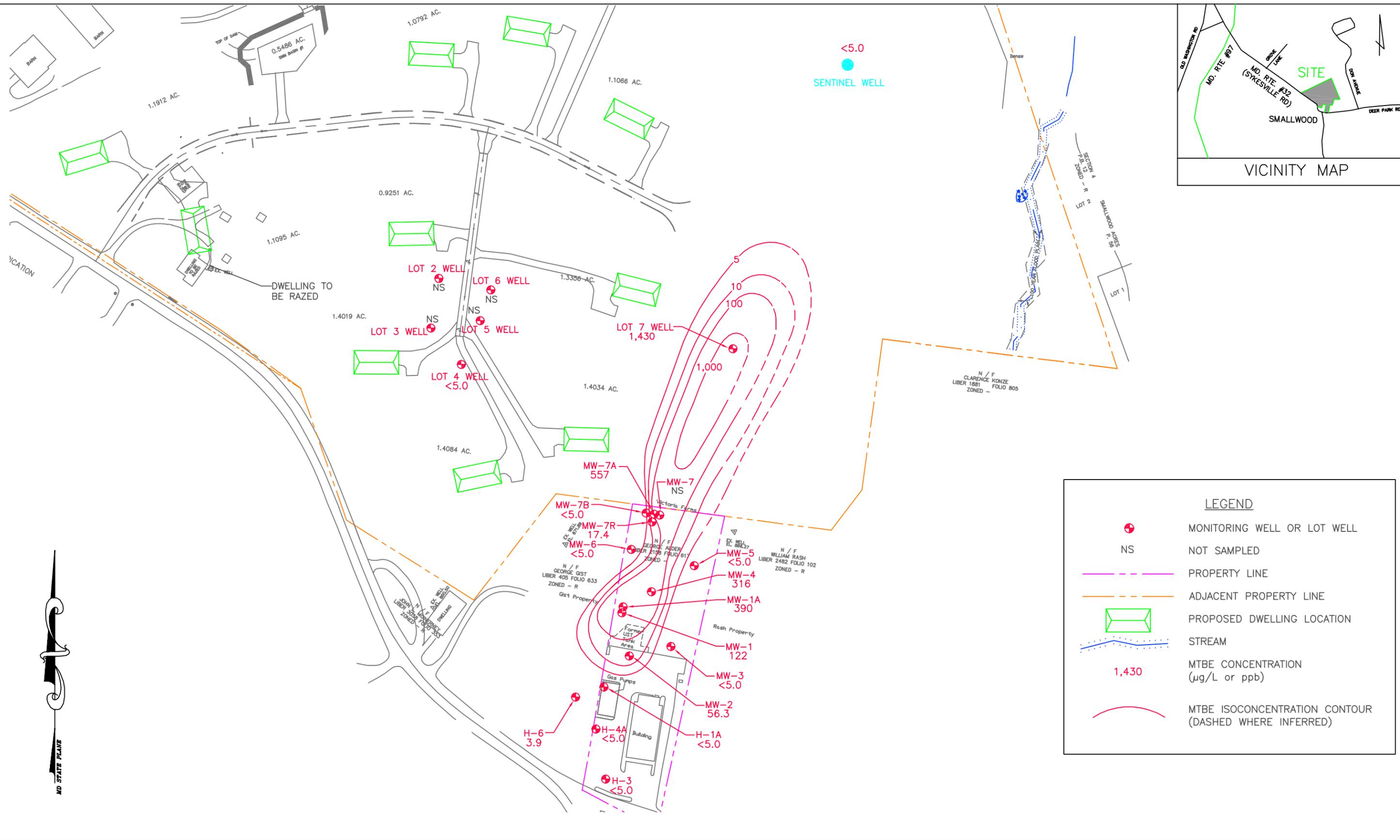
Drawn By:	Date:
MRW	04/13/2016
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 130'	



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

Figure 4-3



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'	

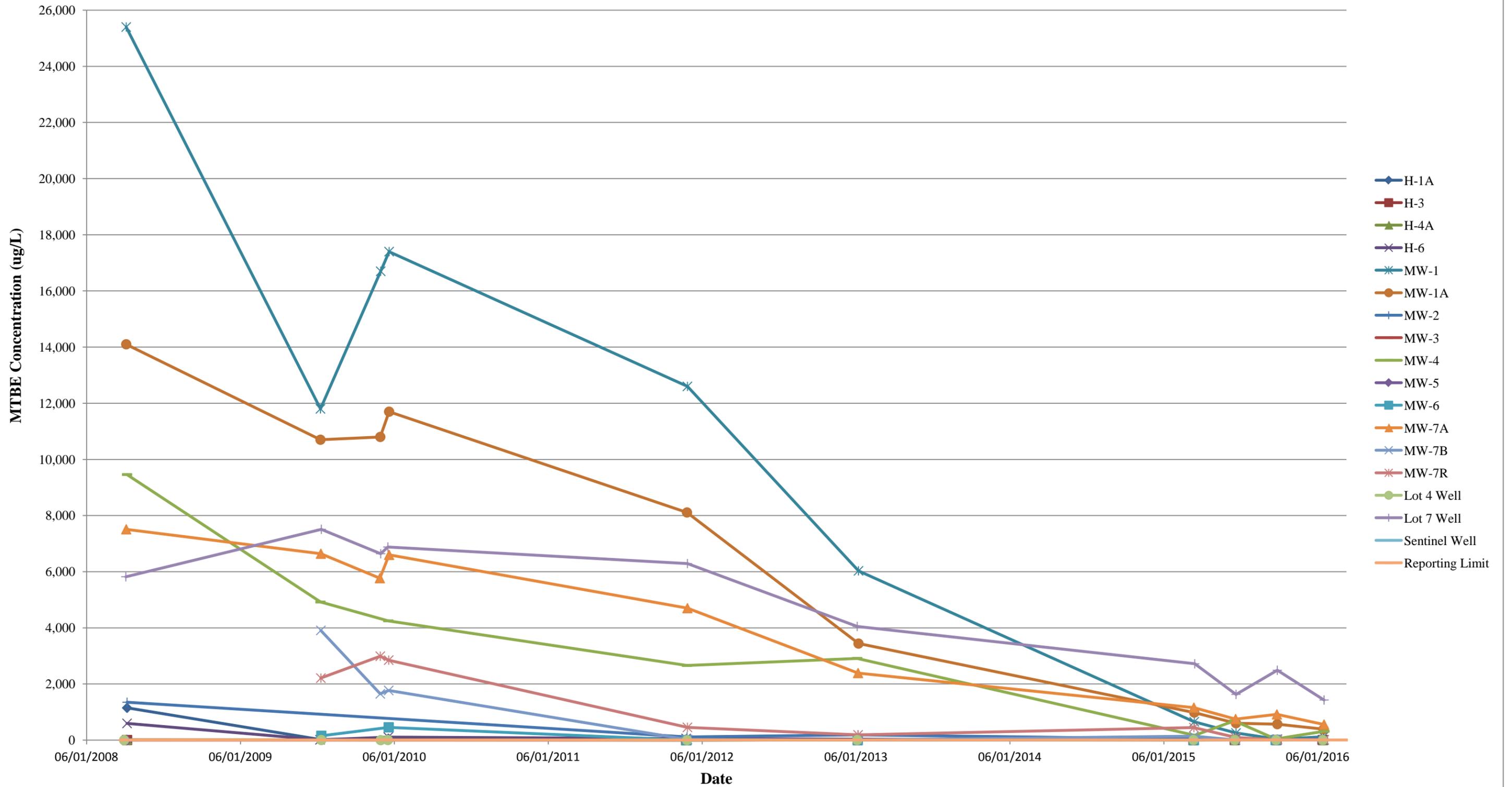


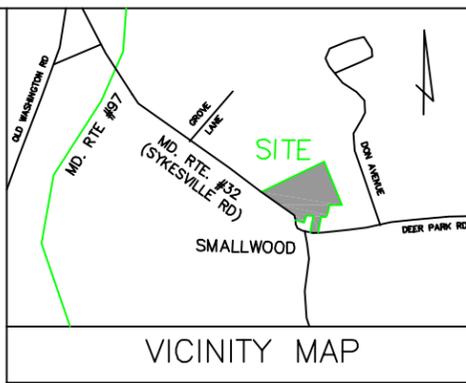
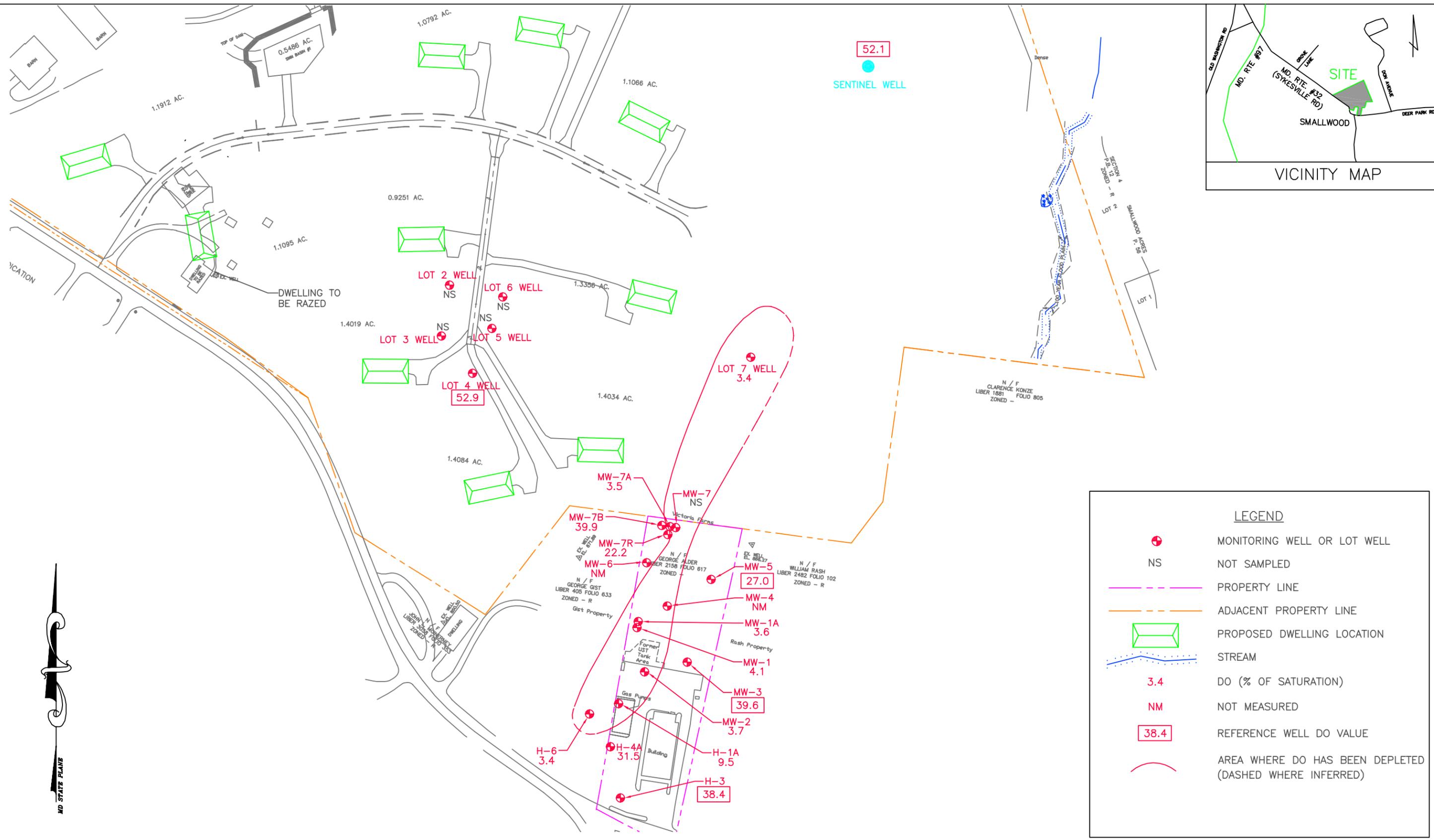
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MTBE ISOCONCENTRATION MAP - JUNE 2016
 602 Deer Park Road and 2139 Sykesville Road
 Westminster, MD 21157

Figure 4-4

Figure 5
MTBE Concentration Variations With Time





LEGEND

- ⊕ MONITORING WELL OR LOT WELL
- NS NOT SAMPLED
- PROPERTY LINE
- - - ADJACENT PROPERTY LINE
- PROPOSED DWELLING LOCATION
- STREAM
- 3.4 DO (% OF SATURATION)
- NM NOT MEASURED
- 38.4 REFERENCE WELL DO VALUE
- - - AREA WHERE DO HAS BEEN DEPLETED (DASHED WHERE INFERRED)

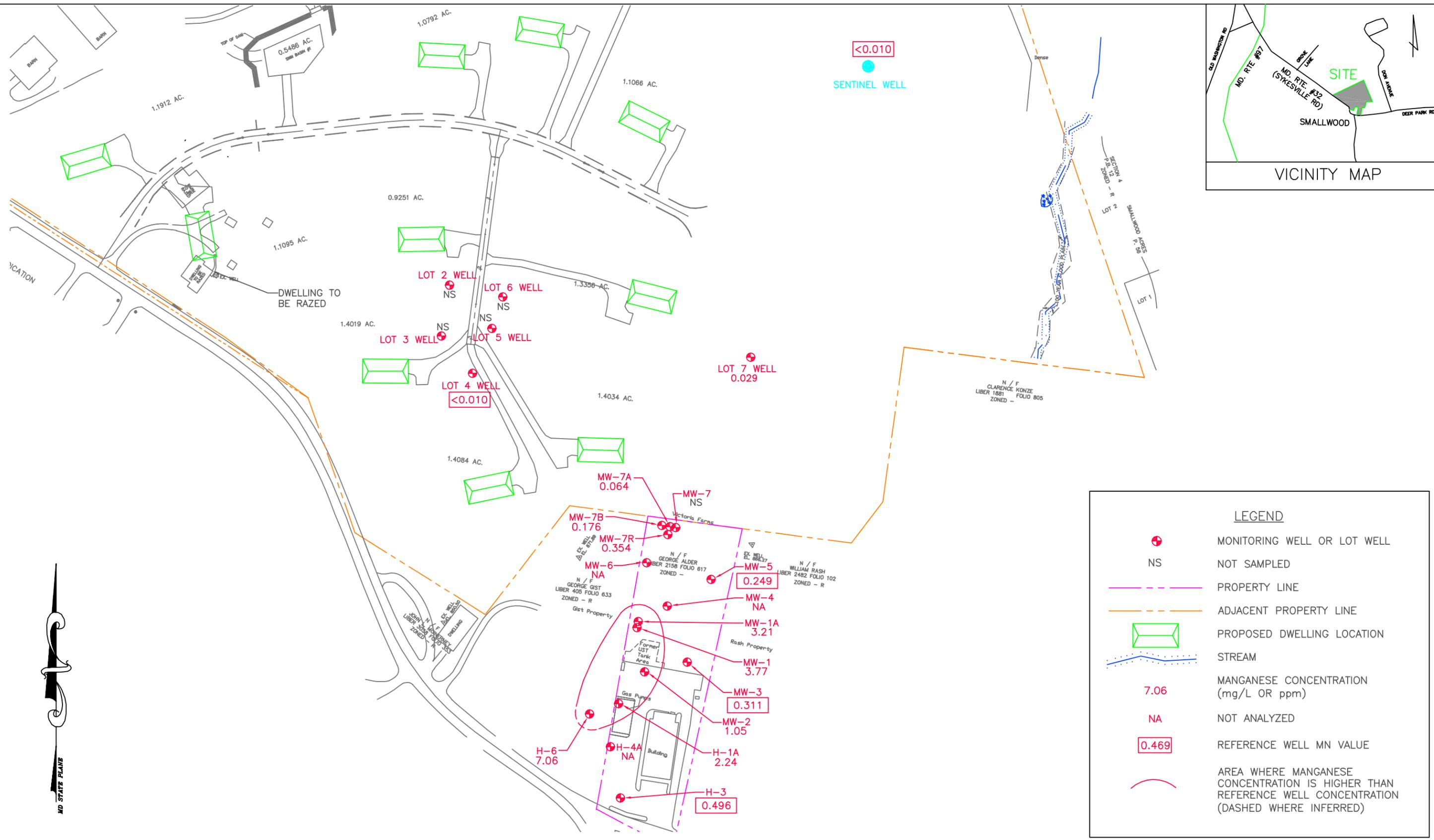
Drawn By:	Date:
MRW	07/15/2016
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 130'	

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DISSOLVED OXYGEN (DO) ISOCONCENTRATION MAP - JUNE 2016
 602 Deer Park Road and 2139 Sykesville Road
 Westminster, MD 21157

Figure 6



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



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MANGANESE (MN) ISOCONCENTRATION MAP - JUNE 2016
 602 Deer Park Road and 2139 Sykesville Road
 Westminster, MD 21157

Figure 7

TABLES

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

Well ¹	Permit Number	Well Depth BTOC ² (ft)	Screened Interval BTOC ³ (ft)	Well Diameter (in)	Horizontal Coordinates		Elevation TOC (ft) ⁵	August 10, 2015		November 16, 2015		February 22, 2016		June 13, 2016	
					Northing ⁴	Easting ⁴		Depth to Ground-water from TOC (ft)	Ground-water Elevation (ft)	Depth to Ground-water from TOC (ft)	Ground-water Elevation (ft)	Depth to Ground-water from TOC (ft)	Ground-water Elevation (ft)	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	54.08	NA	56.22	NA	37.82	NA	56.49	NA
H-3	CL-81-5728	56.42	38-58	4	672536.59	1319356.07	863.07	44.91	818.16	45.95	817.12	39.17	823.90	45.03	818.04
H-4A	CL-81-5729	86.84	47-87	4	672609.31	1319342.63	865.14	46.90	818.24	47.76	817.38	40.65	824.49	50.43	814.71
H-6	NA	70.13	32-72	4	672655.52	1319313.60	864.26	51.62	812.64	53.33	810.93	34.43	829.83	52.91	811.35
MW-1	NA	84.49	NA	2	672776.49	1319381.57	870.63	58.71	811.92	60.94	809.69	43.53	827.10	61.07	809.56
MW-1A	CL-95-1261	143.32	105-145	4	672785.11	1319383.51	870.89	59.46	811.43	61.77	809.12	44.31	826.58	60.91	809.98
MW-2	NA	84.80	NA	2	672714.01	1319391.88	867.70	54.76	812.94	57.26	810.44	39.30	828.40	56.62	811.08
MW-3	NA	77.50	NA	2	672727.32	1319452.39	867.27	45.26	822.01	46.75	820.52	37.16	830.11	45.54	821.73
MW-4	NA	68.59	38-68	2	672806.58	1319424.79	871.58	60.50	811.08	63.34	808.24	46.21	825.37	62.88	808.70
MW-5	CL-95-727	71.76	42-72	2	672843.83	1319487.11	869.89	49.81	820.08	55.14	814.75	41.85	828.04	54.33	815.56
MW-6	NA	72.93	43-73	2	672867.64	1319396.20	874.66	68.75	805.91	72.48	802.18	55.98	818.68	69.46	805.20
MW-7A	CL-95-1260	145.39	125-145	4	672918.51	1319429.50	878.35	73.07	805.28	76.67	801.68	63.02	815.33	73.92	804.43
MW-7B	CL-95-1558	286.10	223-283	4	672920.62	1319419.52	879.10	76.86	802.24	78.15	800.95	64.15	814.95	75.00	804.10
MW-7R	CL-95-1557	100.35	45-100	4	672907.68	1319428.18	878.34	72.65	805.69	76.32	802.02	62.03	816.31	73.39	804.95
Lot 4 Well	CL-94-5262	123.25	20-120	6	673136.86	1319152.68	865.80	60.12	805.68	60.72	805.08	51.67	814.13	60.40	805.40
Lot 7 Well	CL-94-5394	142.07	21-133	6	673156.33	1319545.83	858.42	53.50	804.92	57.03	801.39	43.78	814.64	54.17	804.25
Sentinel Well	CL-11-0045	72.58	47-70	6	673396.92	1319919.96	805.32	50.13	755.19	50.70	754.62	44.11	761.21	50.02	755.30

Table Notes:

- TOC - Top of PVC Casing at Measuring Point BTOC - Below TOC NA - Data Not Available
 NR - The TOC Elevation of Well H-1A changed during site work (paving, cleanup, repairs) and was not resurveyed afterward.
- ¹ Well MW-1A is the deeper well in the well pair. Well MW-1 is the shallower well in the pair. Wells MW-7R, MW-7A, and MW-7B comprise a well cluster, with MW-7R being the shallow well, MW-7A being the intermediate well, and MW-7B being the deep well. Well MW-7R is a replacement for shallow well MW-7, which goes dry at times.
- ² As measured on August 10, 2015 following well re-development. Lot 7 Well depth measured on June 16, 2016.
- ³ In the case of the Lot 4 Well, Lot 7 Well, and the Sentinel Well, this is the open bedrock portion of the well.
- ⁴ Horizontal coordinates in Maryland State Plane Coordinate System (NAD83/91). Sentinel Well coordinates are approximate.
- ⁵ Elevations in the 1988 North American Vertical Datum (NAVD88). The Sentinel Well elevation was surveyed by John Sweeney.

Table 2-1
Summary of Groundwater Sample Results - Detected Analytes
 George's Deli & Gas and Victoria Farms
 602 Deer Park Road and 2139 Sykesville Rd, Westminster, Maryland
 August 11 through August 14, 2015

Volatile Organic Compounds (VOCs) and Geochemical Parameters

Sample ID	H-1A	H-3	H4-A	H-6	MW-1	MW-1 [MW-X]	MW-1A	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7A	MW-7B	MW-7R	Lot 4 Well	Lot 7 Well	Sentinel Well	GDG-FB [GBG-FB]	602-DW-PRE [2139-DW-PRE]	602-DW-MID [2139-DW-MID]	602-DW-POST [2139-DW-POST]	2040-DW	DW-FB	MDE Groundwater Standard	
Sample Date	08/12/15	08/11/15	08/11/15	08/13/15	08/13/15	08/13/15	08/13/15	08/13/15	08/11/15	08/14/15	08/12/15	08/12/15	08/12/15	08/12/15	08/12/15	08/11/15	08/14/15	08/11/15	08/12/15	08/14/15	08/14/15	08/14/15	08/14/15	08/14/15		
Dilution Factor	1	1	1	1	1	1	1	1	1	1	1	1	10	1	4	1	25	1	1	1	1	1	1	1		
Sample Type	Groundwater																		Blank	Potable Drinking Water			Blank			
VOCs	Concentration (ug/L)																									
tert-Amyl alcohol (TAA)	28.7	20.0 U	56.3	20.0 U	200 U	20.0 U	80.0 U	20.0 U	500 U	20.0 U	20.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	na									
tert-Amyl methyl ether (TAME)	2.9 J	5.0 U	5.0 U	5.0 U	39.0	39.8	64.1	5.0 U	5.0 U	8.0	5.0 U	5.0 U	57.8	5.1	23.9	5.0 U	120 J	5.0 U	5.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	na	
Benzene	8.0	5.0 U	4.3 J	5.0 U	50.0 U	5.0 U	20.0 U	5.0 U	125 U	5.0 U	5.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	5.0E+00									
tert-Butanol (TBA)	16.0	15.0 U	15.0 U	15.0 U	237	263	658	15.0 U	15.0 U	59.5	15.0 U	15.0 U	953	64.9	180	15.0 U	2,410	15.0 U	15.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	na	
Methyl tert-butyl ether (MTBE)	32.5	5.0 U	2.9 J	5.1	655	650	982	40.6	5.0 U	171	5.0 U	2.7 J	1,160	143	447	5.0 U	2,720	5.0 U	5.0 U	4.21	3.28	0.50 U	0.22 J	0.50 U	2.0E+01	
Methylene chloride	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	100 U	10.0 U	40.0 U	10.0 U	250 U	10.0 U	10.0 U	0.26 J	0.29 J	0.29 J	0.27 J	0.25 J	5.0E+00	
Geochemical Parameters	Concentration (mg/L)																									
Dissolved Methane	0.019	0.0056 U	NA	0.0061 U	0.0060 U	0.0053 U	0.0058 U	0.0068	0.0061 U	0.0057 U	0.0057 U	NA	0.0060 U	0.0060 U	0.0055 U	0.0061 U	0.0053	0.0063 U	NA	NA	NA	NA	NA	NA	NA	na
Dissolved Manganese	11.4	0.630	NA	6.52	4.53	4.66	4.16	0.878	0.305	NA	0.227	NA	0.072	2.08	0.595	0.010 U	0.046	0.010 U	NA	NA	NA	NA	NA	NA	NA	5.0E-02
Nitrate (as N)	3.0	10.0	NA	4.6	6.1	6.1	6.3	11.0	5.5	NA	5.1	NA	5.9	0.7	6.0	7.1	5.5	6.9	NA	NA	NA	NA	NA	NA	na	
Sulfate	5.6	21.1	NA	3.5	6.8	6.8	7.5	16.5	61.8	NA	3.2	NA	6.9	3.6	24.6	5.8	4.8	1.0 U	NA	NA	NA	NA	NA	NA	na	
Ferrous Iron	0 U	0 U	NA	0 U	0 U	0 U	0 U	0 U	0 U	NA	0 U	NA	0 U	0 U	0 U	0 U	0 U	0 U	NA	NA	NA	NA	NA	NA	na	

Table Notes:
 Analytical Methods for Groundwater Samples: VOCs - EPA Method 8260B; Methane - EPA Method 8015M; Manganese - EPA Method 200.7; Nitrate and Sulfate - EPA Method 300.0; and Ferrous Iron - Hach color disc test kit.
 Analytical Method for Potable Drinking Water Samples: VOCs - EPA Method 524.2.

[Sample ID] - Sample Identification as shown on COC and/or in Lab Report. MW-X is a blind duplicate of the groundwater sample collected from MW-1.

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

mg/L - milligrams per liter or parts per million (ppm)

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

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

na - not applicable

NA - not analyzed

Bold - Detected analyte concentration

Screening Evaluation Notes:

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

Underline - MRL exceeds the respective MDE Groundwater Standard.

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

Table 2-2
Summary of Groundwater Sample Results - Detected Analytes
George's Deli & Gas and Victoria Farms
602 Deer Park Road and 2139 Sykesville Rd, Westminster, Maryland
November 16 through November 20, 2015

Volatile Organic Compounds (VOCs) and Geochemical Parameters

Sample ID	H-1A	H-3	H-4A [MW-4A]	H-6	MW-1	MW-1A	MW-1A [DUPE]	MW-2	MW-3	MW-4	MW-5	MW-7A	MW-7B	MW-7R	LOT 4 WELL	LOT 7 WELL	SENTINEL WELL	FB	TB	MDE Groundwater Standard
Sample Date	11/19/15	11/17/15	11/17/15	11/17/15	11/20/15	11/20/15	11/20/15	11/19/15	11/18/15	11/16/15	11/18/15	11/19/15	11/19/15	11/19/15	11/17/15	11/20/15	11/17/15	11/20/15	11/20/15	
Dilution Factor for VOCs	1	1	1	1	2	4	10	1	1	5	1	10	1	1	1	10	1	1	1	
Sample Type	Groundwater																		Blank	
VOCs	Concentration (ug/L)																			
tert-Amyl methyl ether (TAME)	5.0 U	5.0 U	5.0 U	5.0 U	13.6	34.2	30.9 J	5.0 U	5.0 U	34.9	5.0 U	34.2 J	5.0 U	3.9 J	5.0 U	80.2	5.0 U	5.0 U	5.0 U	na
Benzene	7.7	5.0 U	5.0 U	5.0 U	10.0 U	20.0 U	50.0 U	5.0 U	5.0 U	25.0 U	5.0 U	50.0 U	5.0 U	5.0 U	5.0 U	50.0 U	5.0 U	5.0 U	5.0 U	5.0E+00
tert-Butanol (TBA)	15.0 U	15.0 U	15.0 U	15.0 U	51.1	221	182	15.0 U	15.0 U	244	15.0 U	303	15.0 U	15.0 U	15.0 U	677	15.0 U	15.0 U	15.0 U	na
sec-Butylbenzene	5.0 U	5.0 U	5.0 U	2.1 J	10.0 U	20.0 U	50.0 U	5.0 U	5.0 U	25.0 U	5.0 U	50.0 U	5.0 U	5.0 U	5.0 U	50.0 U	5.0 U	5.0 U	5.0 U	na
Isopropylbenzene (Cumene)	3.9 J	5.0 U	5.0 U	5.0 U	10.0 U	20.0 U	50.0 U	5.0 U	5.0 U	25.0 U	5.0 U	50.0 U	5.0 U	5.0 U	5.0 U	50.0 U	5.0 U	5.0 U	5.0 U	6.6E+01
Methyl tert-butyl ether (MTBE)	16.6	5.0 U	5.0 U	5.5	255	603	553	17.1	5.0 U	688	5.0 U	752	5.0 U	95.1	5.0 U	1,630	5.0 U	5.0 U	5.0 U	2.0E+01
Geochemical Parameters	Concentration (mg/L)																			
Dissolved Methane	0.0185	0.0060 U	NA	0.0063	0.0056 U	0.0081	0.0064	0.0241	0.0061 U	NA	0.0062 U	0.0057 U	0.0065 U	0.0055 U	0.0056	0.0101	0.0055 U	NA	NA	na
Dissolved Manganese	13.0	0.677	NA	0.010 U	2.90	3.15	0.010 U	0.919	0.311	NA	0.322	0.061	0.334	0.491	0.010 U	0.037	0.010 U	NA	NA	5.0E-02
Nitrate (as N)	3.2	11.0	NA	5.1	5.5	5.6	5.6	12.5	4.9	NA	7.0	6.3	0.8	6.2	6.9	5.7	7.3	NA	NA	na
Sulfate	2.3	16.5	NA	1.6	4.7	6.0	6.1	17.8	62.8	NA	2.0 U	4.6	1.8	28.6	4.1	3.3	1.0 U	NA	NA	na
Ferrous Iron	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	na

Table Notes:

Analytical Methods for Groundwater Samples: VOCs - EPA Method 8260B; Methane - EPA Method 8015M; Manganese - EPA Method 200.7; Nitrate and Sulfate - EPA Method 300.0; and Ferrous Iron - Hach color disc test kit.

[Sample ID] - Sample Identification as shown on COC and/or in Lab Report. DUPE is a blind duplicate of the groundwater sample collected from MW-1A.

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

mg/L - milligrams per liter or parts per million (ppm)

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

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

na - not applicable

NA - not analyzed

Bold - Detected analyte concentration

Screening Evaluation Notes:

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

Underline - MRL exceeds the respective MDE Groundwater Standard.

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

Table 2-3
Summary of Groundwater Sample Results
George's Deli & Gas and Victoria Farms
602 Deer Park Road and 2139 Sykesville Rd, Westminster, Maryland
February 22 through February 26, 2016

Volatile Organic Compounds (VOCs) and Geochemical Parameters

Sample ID	H-1A	H-3	H-4A	H-6	MW-1	MW-1A	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7A	MW-7B	MW-7R	Lot 4 Well	Lot 7 Well	Lot 7 Well [GDG- DUPE]	Sentinel Well	FB	TB	MDE Groundwater Standard
Sample Date	02/25/16	02/24/16	02/24/16	02/25/16	02/26/16	02/26/16	02/25/16	02/24/16	02/22/16	02/24/16	02/22/16	02/25/16	02/25/16	02/26/16	02/23/16	02/26/16	02/26/16	02/23/16	02/26/16	02/26/16	
Dilution Factor	1	1	1	1	1	4	1	1	1	1	1	5	1	1	1	10	10	1	1	1	
Sample Type	Groundwater																		Blank		
VOCs	Concentration (ug/L)																				
tert-Amyl methyl ether (TAME)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	25.9	5.0 U	46.9	5.0 U	5.0 U	5.0 U	97.4	94.2	5.0 U	5.0 U	5.0 U	na				
tert-Butanol (TBA)	15.0 U	15.0 U	15.0 U	15.0 U	15.0 U	314	15.0 U	452	15.0 U	15.0 U	15.0 U	1,540	1,670	15.0 U	15.0 U	15.0 U	na				
Methyl tert-butyl ether (MTBE)	5.0 U	5.0 U	5.0 U	5.0 U	36.5	570	2.8 J	5.0 U	42.3	5.0 U	5.0 U	917	16.8	12.4	5.0 U	2,490 K	2,490 K	5.0 U	5.0 U	5.0 U	2.0E+01
Geochemical Parameters	Concentration (mg/L)																				
Dissolved Methane	0.0061 U	0.0058 U	NA	0.208	0.0055 U	0.0057 U	0.0059 U	0.0062 U	NA	0.0058 U	NA	0.0082 U	0.0053 U	0.0052 U	0.0053 U	0.0076	0.0064	0.0050 U	NA	NA	na
Dissolved Manganese	1.51	0.028	NA	1.05	2.88	3.12	1.09	0.255	NA	0.326	NA	0.064	0.096	0.254	0.010 U	0.028	0.028	0.040	NA	NA	5.0E-02
Nitrate (as N)	4.3	1.7	NA	5.7	6.1	4.8	11.8	6.2	NA	4.7	NA	6.1	11.8	5.6	0.4 U	5.5	5.6	7.0	NA	NA	na
Sulfate	4.8	11.1	NA	2.7	10.6	6.2	8.0	45.3	NA	5.0	NA	6.0	2.3	30.6	4.0	3.8	3.7	1.0 U	NA	NA	na
Ferrous Iron	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0.25	0 U	0 U	0 U	NA	NA	na

Table Notes:

Analytical Methods for Groundwater Samples: VOCs - EPA Method 8260B; Methane - EPA Method 8015M; Manganese - EPA Method 200.7; Nitrate and Sulfate - EPA Method 300.0; and Ferrous Iron - Hach color disc test kit.

[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)

mg/L - milligrams per liter or parts per million (ppm)

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

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

K - Result taken from alternate analysis. Sample analyzed at a higher dilution factor to allow calibration of this analyte.

na - not applicable

NA - not analyzed

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 2-4
 Summary of Groundwater Sample Results
 George's Deli & Gas and Victoria Farms
 602 Deer Park Road and 2139 Sykesville Rd, Westminster, Maryland
 June 13 through June 17, 2016

Volatile Organic Compounds (VOCs) and Geochemical Parameters

Sample ID	H-1A	H-3	H-4A	H-6	MW-1	MW-1A	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7A	MW-7B	MW-7R	Lot 4 Well	Lot 7 Well	Lot 7 Well [GDG- DUPE]	Sentinel Well	FB	TB	MDE Groundwater Standard
Sample Date	06/14/16	06/13/16	06/14/16	06/14/16	06/15/16	06/15/16	06/15/16	06/14/16	06/17/16	06/15/16	06/17/16	06/16/16	06/16/16	06/16/16	06/13/16	06/16/16	06/16/16	06/13/16	06/15/16	06/13/16	
Dilution Factor (VOCs)	1	1	1	1	1	4	1	1	1	1	1	5	1	1	1	20	5	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	5.0 U	5.5	19.6 J	5.0 U	5.0 U	16.2	5.0 U	5.0 U	38.3	5.0 U	5.0 U	5.0 U	73.4 J	70.9	5.0 U	5.0 U	5.0 U	na
tert-Butanol (TBA)	15.0 U	15.0 U	15.0 U	15.0 U	27.6	168	15.0 U	15.0 U	66.6	15.0 U	15.0 U	329	15.0 U	15.0 U	15.0 U	630	719	15.0 U	15.0 U	15.0 U	na
sec-Butylbenzene	5.0 U	5.0 U	5.0 U	2.1 J	5.0 U	20.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	25.0 U	5.0 U	5.0 U	5.0 U	100 U	25.0 U	5.0 U	5.0 U	5.0 U	na
Methyl tert-butyl ether (MTBE)	5.0 U	5.0 U	5.0 U	3.9 J	122	390	56.3	5.0 U	316 K	5.0 U	5.0 U	557	5.0 U	17.4	5.0 U	1,400	1,430 E	5.0 U	5.0 U	5.0 U	2.0E+01
Geochemical Parameters	Concentration (mg/L)																				
Dissolved Methane	0.0062 U	0.0055 U	NA	0.601	0.0053 U	0.0062 U	0.0057 U	0.0061 U	NA	0.0058 U	NA	0.0056 U	0.0072 U	0.0065 U	0.0056 U	0.0058 U	0.0065 U	0.0056 U	NA	NA	na
Dissolved Manganese	2.24	0.496	NA	7.06	3.77	3.21	1.05	0.311	NA	0.249	NA	0.064	0.176	0.354	0.010 U	0.029	0.028	0.010 U	NA	NA	5.0E-02
Nitrate (as N)	3.0	12.6	NA	1.5	6.1	5.4	10.3	6.0	NA	6.2	NA	6.0	10.9	6.2	8.1	6.1	5.6	6.9	NA	NA	na
Sulfate	8.0	21.4	NA	2.4	7.7	6.6	14.0	51.5 E	NA	1.0 U	NA	5.8	3.3	30.2	4.0	6.2	3.6	1.0 U	NA	NA	na
Ferrous Iron	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	NA	0 U	NA	0 U	0 U	0 U	0 U	0 U	0 U	0 U	NA	NA	na

Table Notes:

Analytical Methods for Groundwater Samples: VOCs - EPA Method 8260B; Methane - EPA Method 8015M; Manganese - EPA Method 200.7; Nitrate and Sulfate - EPA Method 300.0; and Ferrous Iron - Hach color disc test kit.
 [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)

mg/L - milligrams per liter or parts per million (ppm)

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

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

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.

na - not applicable

NA - not analyzed

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 3-1
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
August 14 and September 23, 2015

Volatile Organic Compounds (VOCs)

Sample ID	602-DW-PRE [2139-DW- PRE]	602-DW-MID [2139-DW- MID]	602-DW- POST [2139-DW- POST]	2040-DW	DW-FB	2173-DW- PRE	2173-DW- MID	2173-DW- POST	2040-DW	DW-FB	MDE Groundwater Standard
Sample Date	08/14/15	08/14/15	08/14/15	08/14/15	08/14/15	09/23/15	09/23/15	09/23/15	09/23/15	09/23/15	
Dilution Factor	1	1	1	1	1	1	1	1	1	1	
Sample Type	Potable Drinking Water				Blank	Potable Drinking Water				Blank	
VOCs	Concentration (ug/L)										
tert-Butanol (TBA)	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	3.51 J	na
Methyl tert-butyl ether (MTBE)	4.21	3.28	0.50 U	0.22 J	0.50 U	0.50 U	0.50 U	0.50 U	0.39 J	0.50 U	2.0E+01
Methylene chloride	0.26 J	0.29 J	0.29 J	0.27 J	0.25 J	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	5.0E+00

Table Notes:

Analytical Method for Potable Drinking Water Samples: VOCs - EPA Method 524.2.

[Sample ID] - Sample Identification as shown on COC and/or in Lab Report.

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

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

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

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 3-2
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
February 22, 2016 and June 17, 2016

Volatile Organic Compounds (VOCs)

Sample ID	2173-DW- PRE	2173-DW- MID	2173-DW- POST	2040-DW	2040-DW	DW-FB	DW-FB	MDE Groundwater Standard
Sample Date	02/22/16	02/22/16	02/22/16	02/22/16	06/17/16	02/22/16	06/17/16	
Dilution Factor	1	1	1	1	1	1	1	
Sample Type	Potable Drinking Water					Blanks		
VOCs								
tert-Amyl methyl ether (TAME)	0.50 U	0.50 U	0.50 U	0.33 J	0.50 U	0.50 U	0.50 U	na
tert-Butanol (TBA)	10.0 U	10.0 U	10.0 U	4.34 J	10.0 U	10.0 U	10.0 U	na
Methyl tert-butyl ether (MTBE)	0.50 U	0.50 U	0.50 U	8.38	0.50 U	0.50 U	0.50 U	2.0E+01

Table Notes:

Analytical Method for Potable Drinking Water Samples: VOCs - EPA Method 524.2.

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

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

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

na - not applicable

Bold - Detected analyte concentration

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)												
MDE GW Standard		na	na	5.0E+00	na	na	na	6.6E+01	2.0E+01	6.5E-01	na	na	1.0E+04	1.0E+04	na	5.0E-02	na	na	na	na	na	na	na	na	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	18.35		
	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												
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	<0.0056	0.630	10.0	21.1	0	57.4	0.419	5.52	289.4	20.00		
	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	<0.0060	0.677	11.0	16.5	0	73.1	0.588	4.92	184.5	17.69												
	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	<0.0058	0.028	1.7	11.1	0	63.9	0.173	6.40	147.6	14.67												
	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	<0.0055	0.496	12.6	21.4	0	38.4	0.491	5.36	182.7	18.44												
	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												
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	NA	NA	NA	NA	NA	50.1	0.795	6.37	237.2	20.34		
	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	0	76.7	0.929	5.10	180.1	16.61												
	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	54.2	0.369	5.77	165.9	13.92												
	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	31.5	0.633	5.28	189.8	17.42												
	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												
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	<0.0061	6.52	4.6	3.5	0	36.5	0.216	6.26	253.7	18.60		
	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	0.0063	<0.010	5.1	1.6	0	34.6	0.265	5.11	148.3	16.90		
	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	0.208	1.05	5.7	2.7	0	26.7	0.204	5.78	-99.5*	13.95												
	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	0.601	7.06	1.5	2.4	0	3.4	-129.6*	6.11	0.264*	18.40												
	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												
MW-1	9/3/2008	<7,500	1,630	<375	26,400	<375	<375	<375	25,400	<375	<375	<375	<375	<375																						
	12/8/2009	<2,000	883	<500	9,090	<500	<500	<500	11,800	<500	<500	<500	<500	<500																						
	4/30/2010	NA	1,420	91.2	17,700	1.0 J	29.0	4.2	16,700	12.3	4.7	1.2	13.7	3.5	Prior to Natural Attenuation Monitoring Period																					
	5/20/2010	1,100 J	1,370	140 J	17,800	<500	<500	<500	17,400	<500	<500	<500	<500	<500																						
	4/27/2012	<998	794	<49.0	12,900	<35.5	<64.7	<50.5	12,600	<68.2	<53.9	<68.0	<43.3	<61.3																						
	6/7/2013	<800	428	<200	4,760	<200	<200	<200	6,030	<200	<200	<200	<200	<200																						
	8/13/2015	<20.0	39.8	<5.0	263	<5.0	<5.0	<5.0	655	<5.0	<5.0	<5.0	<5.0	<5.0											<0.0060	4.66	6.1	6.8	0	39.2	0.476	5.94	273.0	17.41		
	11/20/2015	<40.0	13.6	<10.0	51.1	<10.0	<10.0	<10.0	255	<10.0	<10.0	<10.0	<10.0	<10.0	<0.0056	2.90	5.5	4.7	0	7.1	0.313	5.16	137.6	17.47												
	2/26/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	36.5	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0055	2.88	6.1	10.6	0	15.5	0.279	5.33	255.5	14.19												
	6/15/2016	<20.0	5.5	<5.0	27.6	<5.0	<5.0	<5.0	122	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0053	3.77	6.1	7.7	0	4.1	0.350	5.31	170.3	18.73												
MW-1A	9/3/2008	<6,000	916	<300	12,900	<300	<300	<300	14,100	<300	<300	<300	<300	<300																						
	12/8/2009	<2,000	802	<500	7,650	<500	<500	<500	10,700	<500	<500	<500	<500	<500																						
	4/29/2010	NA	880	75.8	11,200	1.5	20.3	4.1	10,800	10.4	1.1	0.3 J	9.3	0.7 J	Prior to Natural Attenuation Monitoring Period																					
	5/20/2010	<1,600	853	94.0 J	14,600	<400	<400	<400	11,700	<400	<400	<400	<400	<400																						
	4/26/2012	<499	511	<24.5	8,860	<17.8	<32.4	<25.3	8,110	<34.1	<27.0	<34.0	<21.7	<30.7																						
	6/7/2013	<500	197	<125	1,600	<125	<125	<125	3,440	<125	<125	<125	<125	<125																						
	8/13/2015	56.3	64.1	4.3 J	658	<5.0	<5.0	<5.0	982	<5.0	<5.0	<5.0	<5.0	<5.0											<0.0058	4.16	6.3	7.5	0	345.7*	0.621	5.83	278.1	14.58		
	11/20/2015	<80.0	34.2	<20.0	221	<20.0	<20.0	<20.0	603	<20.0	<20.0	<20.0	<20.0	<20.0	0.0081	3.15	5.6	6.0	0	4.7	0.541	5.04	173.9	13.96												
	2/26/2016	<80.0	25.9	<20.0	314	<20.0	<20.0	<20.0	570	<20.0	<20.0	<20.0	<20.0	<20.0	<0.0057	3.12	4.8	6.2	0	3.7	0.458	5.48	227.3	12.31												
	6/15/2016	<																																		

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)										
MDE GW Standard		na	na	5.0E+00	na	na	na	6.6E+01	2.0E+01	6.5E-01	<20.0	<20.0	<20.0	<20.0	na	5.0E-02	na	na	na	na	na	na	na	na	na									
MW-2	9/5/2008	<400	40	<20.0	<400	<20.0	<20.0	<20.0	1,350	<20.0	<20.0	<20.0	<20.0	<20.0																				
	12/8/2009	<i>Well not sampled.</i>												<i>Prior to Natural Attenuation Monitoring Period</i>																				
	4/30/2010	<i>Well not sampled.</i>																																
	5/18/2010	<i>Well not sampled.</i>																																
	4/26/2012	<1.0	3.5	<0.5	30.3	<0.4	<0.6	<0.5	116	<0.7	<0.5	<0.7	<0.4											<0.6										
	6/6/2013	<20.0	8.0	<5.0	64.6	<5.0	<5.0	<5.0	186	<5.0	<5.0	<5.0	<5.0	<5.0																				
	8/13/2015	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	40.6	<5.0	<5.0	<5.0	<5.0	<5.0	0.0068	0.878	11.0	16.5	0	5.45	0.686	6.18	260.5	19.58										
	11/19/2015	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	17.1	<5.0	<5.0	<5.0	<5.0	<5.0	0.0241	0.919	12.5	17.8	0	7.3	0.775	5.10	149.0	17.38										
	2/25/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	2.8 J	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0059	1.09	11.8	8.0	0	14.1	0.591	5.36	176.7	15.41										
6/15/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	56.3	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0057	1.05	10.3	14.0	0	3.7	0.651	5.43	170.4	18.18											
MW-3	9/5/2008	<10.0	<0.5	<0.5	<10.0	<0.5	<0.5	<0.5	0.7	1.4	5.8	<0.5	6.0	7.6																				
	12/7/2009	<i>Well not sampled.</i>												<i>Prior to Natural Attenuation Monitoring Period</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	0.305	5.5	61.8	0	54.6	0.279	5.56	289.4	18.30										
	11/18/2015	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0061	0.311	4.9	62.8	0	57.5	0.399	13.60*	133.7	16.57										
	2/24/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0062	0.255	6.2	45.3	0	28.8	0.254	5.42	178.6	15.13										
6/14/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0061	0.311	6.0	51.5 E	0	39.6	0.249	5.38	162.0	17.68											
MW-4	9/5/2008	<3,000	536	<150	7,140	<150	<150	<150	9,460	<150	<150	<150	<150	<150																				
	12/8/2009	<800	356	<200	2,930	<200	<200	<200	4,920	<200	<200	<200	<200	<200																				
	4/30/2010	<i>Well not sampled.</i>												<i>Prior to Natural Attenuation Monitoring Period</i>																				
	5/18/2010	<800	279	<200	3,040	<200	<200	<200	4,250	<200	<200	<200	<200											<200										
	4/26/2012	<150	155	<7.4	2,400	<5.3	<9.7	<7.6	2,660	<10.2	<8.1	<10.2	<6.5											<9.2										
	6/4/2013	<500	175	<125	1,570	<125	<125	<125	2,910	<125	<125	<125	<125											<125										
	8/14/2015	<20.0	8.0	<5.0	59.5	<5.0	<5.0	<5.0	171	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0057	NA	NA	NA	NA	0				<i>NM (purged and sampled via bailer)</i>										
	11/16/2015	<100	34.9	<25.0	244	<25.0	<25.0	<25.0	688	<25.0	<25.0	<25.0	<25.0	<25.0	NA	NA	NA	NA	0					<i>NM (purged and sampled via bailer)</i>										
	2/22/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	42.3	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	0					<i>NM (purged and sampled via bailer)</i>										
6/17/2016	<20.0	16.2	<5.0	66.6	<5.0	<5.0	<5.0	316 K	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	0					<i>NM (purged and sampled via bailer)</i>											
MW-5	9/5/2008	<10.0	<0.5	<0.5	<10.0	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	0.7																				
	12/7/2009	<i>Well not sampled.</i>												<i>Prior to Natural Attenuation Monitoring Period</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																				
	8/14/2015	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0057	0.227	5.1	3.2	0	57.2	0.105	5.39	317.3	17.71										
	11/18/2015	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0062	0.322	7.0	<2.0	0	259.0*	0.198	12.78*	149.7	18.55										
	2/25/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0058	0.326	4.7	5.0	0	26.7	0.113	4.92	184.7	14.46										
6/15/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0058	0.249	6.2	<1.0	0	27.0	0.065	4.77	226.1	16.57											
MW-6	09/2008	<i>Well not sampled - Dry.</i>												<i>Prior to Natural Attenuation Monitoring Period</i>																				
	12/10/2009	<20.0	11	<5.0	94	<5.0	<5.0	<5.0	155	<5.0	<5.0	<5.0	<5.0											<5.0										
	4/30/2010	<i>Well not sampled.</i>																																
	5/19/2010	<80.0	32	<20.0	<60.0	<20.0	<20.0	<20.0	457	<20.0	<20.0	<20.0	<20.0											<20.0										
	4/25/2012	<10.0	<0.3	<0.5	<9.8	<0.4	<0.6	<0.5	<0.3	<0.7	<0.5	<0.7	<0.4	<0.6																				
	6/5/2013	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	3.5	<5.0	<5.0	<5.0	<5.0	<5.0																				
	8/12/2015	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	2.7 J	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA					<i>NM (purged and sampled via bailer)</i>										
	11/16/2015	<i>Well not sampled - Nearly Dry.</i>												<i>Well not sampled - Nearly Dry.</i>																				
	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					<i>NM (purged and sampled via bailer)</i>										
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					<i>NM (purged and sampled via bailer)</i>											
MW-7A	9/3/2008	<2,500	421	<125	5,710	<125	<125	<125	7,510	<125	<125	<125	<125	<125																				
	12/9/2009	<1,000	445	68.0	3,280	<250	<250	<250	6,640	<250	<250	<250	<250	<250																				
	4/28/2010	NA	442	65.9	4,810	0.5 J	13.1	4.0	5,770	8.6	<0.5	<0.2	11.9	<0.4																				
	5/20/2010	410 J	452	61.0 J	6,650	<200	<200	<200	6,600	<200	<200	<200	<200	<200																				
	4/27/2012	<250	276	<12.3	4,380	<8.9	<16.2	<12.6	4,700	<17.1	<13.5	<17.0	<10.8	<15.3																				
	6/6/2013	<500	146	<125	1,270	<125	<125	<125	2,390	<125	<125	<125	<125	<125																				
	8/12/2015	<200	57.8	<50.0	953	<50.0	<50.0	<50.0	1,160	<50.0	<50.0	<50.0	<50.0	<50.0	<0.0060	0.072	5.9	6.9	0	34.1	0.409	5.58	285.6	14.16										
	11/19/2015	<200	34.2 J	<50.0	303	<50.0	<50.0	<50.0	752	<50.0	<50.0	<50.0	<50.0	<50.0	<0.0057	0.061	6.3	4.6	0	4.0	0.415	4.96	223.3	14.36										
	2/25/2016	<100	46.9	<25.0	452	<25.0	<25.0	<25.0	917	<25.0	<25.0	<25.0	<25.0	<25.0	<0.0082	0.064	6.1	6.0	0	3.4	0.392	5.37	228.2	12.53										
6/16/2016	<100	38.3	<25.0	329	<25.0	<25.0	<25.0	557	<25.0	<25.0	<25.0	<25.0	<25.0	<0.0056	0.064	6.0	5.8	0	3.5	0.389	5.35	187.3	15.03											

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)
MDE GW Standard		na	na	5.0E+00	na	na	na	6.6E+01	2.0E+01	6.5E-01	na	na	1.0E+04	1.0E+04	na	5.0E-02	na	na	na	na	na	na	na	na
MW-7B	09/2008	<i>Well not sampled - installed in 2009.</i>																						
	12/9/2009	<500	273	<125	2,170	<125	<125	<125	3,910	<125	<125	<125	<125	<125	<125	<125	<125	<125	<125	<125	<125	<125	<125	
	4/29/2010	NA	135	<0.3	555	<0.4	3.4 J	<0.2	1,650	<0.5	<0.5	<0.2	<0.1	<0.4	<i>Prior to Natural Attenuation Monitoring Period</i>									
	5/19/2010	<200	120	<50.0	<150	<50.0	<50.0	<50.0	1,770	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	
	4/27/2012	<10.0	<0.3	<0.5	<9.8	<0.4	<0.6	<0.5	26.1	<0.7	<0.5	<0.7	<0.4	<0.6	<i>Prior to Natural Attenuation Monitoring Period</i>									
	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	<0.0060	2.08	0.7	3.6	0	22.6	0.404	6.76	205.9	17.70
	8/12/2015	<20.0	5.1	<5.0	64.9	<5.0	<5.0	<5.0	143	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0065	0.334	0.8	1.8	0	10.8	0.390	6.53	125.8	14.02
	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	<0.0053	0.096	11.8	2.3	0	53.2	0.167	5.28	212.4	11.31
	2/25/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	16.8	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0072	0.176	10.9	3.3	0	39.9	0.183	5.26	224.7	15.77
	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	<0.0065	0.354	6.2	30.2	0	22.2	0.236	4.99	220.1	16.08
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	165	<100	1,420	<100	<100	<100	2,210	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	
	4/29/2010	NA	255	6.8	2,710	<0.4	4.8 J	0.4 J	2,990	1.6	<0.5	<0.2	1.4	<0.4	<i>Prior to Natural Attenuation Monitoring Period</i>									
	5/19/2010	<500	205	<130	1,810	<130	<130	<130	2,850	<130	<130	<130	<130	<130	<500	<500	<500	<500	<500	<500	<500	<500	<500	
	4/27/2012	<29.9	27.5	<1.5	284	<1.1	<1.9	<1.5	455	<2.0	<1.6	<2.0	<1.3	<1.8	<i>Prior to Natural Attenuation Monitoring Period</i>									
	6/6/2013	57.1	11.6	<10.0	94.7	<10.0	<10.0	<10.0	188	<10.0	<10.0	<10.0	<10.0	<10.0	<0.0055	0.595	6.0	24.6	0	33.0	0.286	5.35	286.5	17.43
	8/12/2015	<80.0	23.9	<20.0	180	<20.0	<20.0	<20.0	447	<20.0	<20.0	<20.0	<20.0	<20.0	<0.0055	0.491	6.2	28.6	0	13.4	0.274	4.81	252.1	16.77
	11/19/2015	<20.0	3.9 J	<5.0	<15.0	<5.0	<5.0	<5.0	95.1	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0052	0.254	5.6	30.6	0	44.0	0.200	5.18	219.1	13.22
	2/26/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	12.4	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0065	0.354	6.2	30.2	0	22.2	0.236	4.99	220.1	16.08
	6/16/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	17.4	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0065	0.354	6.2	30.2	0	22.2	0.236	4.99	220.1	16.08
Lot 4 Well	8/29/2008	<10.0	<0.5	<0.5	<10.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	
	12/10/2009	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	
	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	<5.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	
	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	<i>Prior to Natural Attenuation Monitoring Period</i>									
	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	<0.0061	<0.010	7.1	5.8	0	66.8	0.644	5.34	280.6	15.33
	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	<0.010	6.9	4.1	0	83.6	0.883	5.37	179.2	14.15
	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	<0.0053	<0.010	<0.4	4.0	0.25	53.4	0.668	5.92	136.6	12.35
	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	<0.0056	<0.010	8.1	4.0	0	52.9	0.611	6.10	125.4	14.82
	6/13/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0056	<0.010	8.1	4.0	0	52.9	0.611	6.10	125.4	14.82
Lot 7 Well	9/2/2008	<2,500	293	<125	3,170	<125	<125	<125	5,820	<125	<125	<125	<125	<125	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500	
	12/10/2009	<1,000	<475	79.0	4,630	<250	<250	<250	7,510	<250	<250	<250	<250	<250	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	
	4/30/2010	NA	473	74.2	5,350	1.3	14.5	4.1	6,640	9.0	<0.5	<0.2	13.6	<0.4	<i>Prior to Natural Attenuation Monitoring Period</i>									
	5/17/2010	<1000	461	78.0 J	8,790	<250	<250	<250	6,880	<250	<250	<250	<250	<250	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	
	4/27/2012	<499	350	<24.5	5,580	<17.8	<32.4	<25.3	6,290	<34.1	<27.0	<34.0	<21.7	<30.7	<i>Prior to Natural Attenuation Monitoring Period</i>									
	6/4/2013	<500	227	<125	1,670	<125	<125	<125	4,050	<125	<125	<125	<125	<125	<500	<500	<500	<500	<500	<500	<500	<500	<500	
	8/14/2015	<500	120 J	<125	2,410	<125	<125	<125	2,720	<125	<125	<125	<125	<125	0.0053	0.046	5.5	4.8	0	705.3*	0.533	6.23	275.2	14.30
	11/20/2015	<200	80.2	<50.0	667	<50.0	<50.0	<50.0	1,630	<50.0	<50.0	<50.0	<50.0	<50.0	0.0101	0.037	5.7	3.3	0	3.0	0.535	5.11	78.8	13.89
	2/26/2016	<200	97.4	<50.0	1,670	<50.0	<50.0	<50.0	2,490	<50.0	<50.0	<50.0	<50.0	<50.0	0.0076	0.028	5.6	3.8	0	3.1	0.532	5.45	205.1	12.53
	6/16/2016	<100	73.4 J	<25.0	719	<25.0	<25.0	<25.0	1,430 E	<25.0	<25.0	<25.0	<25.0	<25.0	<0.0058	0.029	6.1	6.2	0	3.4	0.514	5.45	172.3	14.00
Sentinel Well	9/5/2008	<i>Well not sampled - installed in 2013.</i>																						
	12/7/2009	<i>Well not sampled - installed in 2013.</i>																						
	4/30/2010	<i>Well not sampled - installed in 2013.</i>																						
	5/18/2010	<i>Well not sampled - installed in 2013.</i>																						
	4/24/2012	<i>Well not sampled - installed in 2013.</i>																						
	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	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	
	8/11/2015	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0063	<0.010	6.9	<1.0	0	54.6	0.170	5.23	309.2	16.25
	11/17/2015	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0055	<0.010	7.3	<1.0	0	73.0	0.212	4.97	191.8	13.72
	2/23/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0050	0.040	7.0	<1.0	0	46.6	0.168	5.45	156.2	12.80
	6/13/2016	<20.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.0056	<0.010	6.9	<1.0	0	52.1	0.160	5.42	175.5	14.37

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

ATTACHMENT A-1

**GROUNDWATER SAMPLING LOGS
AUGUST 2015 SAMPLING EVENT**

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: H-1A	Date: 08/12/15								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: MIS Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TAW YSI 556 water quality meter, LaMotte 2020e									
	PID Type/ID #: NA	Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing									
WELL INFO	Casing I.D. (in) [a]: 6"	Water Column Thickness (ft) [d-c]: 12.20'	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 1.5	Well Volume (gal) [(d-c) x b]: 18.3 gal (x3=54.90)	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 54.08 BTOC	Screened Interval (ft TOC): 25-65	Ground Condition of Well: 0								
	Total Well Depth (ft) [d]: 66.28	Pump depth (ft TOC): 60 Pump depth (ft bgs):	Remarks: TOC = 0.5 ft Bg								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
08/12/15	13:00	54.21	0	0	0.05	—	—	NA	—	—	—	NA	Started, clear 165 Hz Clear Pumping slowed ↑ Hz to 168 ↑ Hz to 170 ↑ Hz to 171 ↓ Hz to 168
	13:13	54.32	0.11	0.15	0.05	—	—	—	—	—	—	"	
	13:15	54.37	0.16	0.25	0.05	6.71	0.533	218.8	15.35	87.6	17.44	"	
	13:20	54.44	0.24	0.50	0.05	6.29	0.564	255.5	14.78	51.9	16.71	"	
	13:25	54.47	0.27	0.75	0.05	6.16	0.567	257.4	15.32	40.3	17.90	"	
	13:30	54.56	0.36	1.00	0.05	6.18	0.570	249.6	15.59	33.4	16.95	"	
	13:35	54.62	0.42	1.25	0.03	6.12	0.569	249.1	18.26	31.4	16.46	"	
	13:40	54.67	0.47	1.40	0.03	6.25	0.566	241.5	15.91	31.2	17.15	"	

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 8/12/15 14:05	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	Pump	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y		Natural Attenuation Parameters
	500 ↓	↓	↓		Nitrate
	2 40 mL glass VOA vials	HCl	N		Sulfate Diss Methane

2 min 41 sec 0.186 L/min 4 min 26 sec 0.113 L/min

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: H-3	Date: 08/11/2015								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: MIS Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e									
	PID Type/ID #: NA	Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing									
WELL INFO	Casing I.D. (in) [a]: 4"	Water Column Thickness (ft) [d-c]: 11.51	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.65	Well Volume (gal) [(d-c) x b]: 7.48 gal (x3=22.44)	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 44.91	Screened Interval (ft TOC): 38-58	Ground Condition of Well: old-nobolts								
	Total Well Depth (ft) [d]: 56.42	Pump depth (ft TOC): 51 Pump depth (ft bgs):	Remarks: TOC=0.34' BG								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
08/11/15	14:23	44.89	0	0	0.12	-	-	NA	-	-	-	NA	Started Clear 153 Hz
	14:25	44.94	0.05	0.24	0.12	-	-	-	-	-	-	-	
	14:30	44.94	0.05	0.84	0.12	5.22	0.446	309.5	20.96	67.3	19.28	"	
	14:35	44.94	0.05	1.44	0.12	5.24	0.427	303.2	18.13	65.0	19.79	"	
	14:40	44.94	0.05	2.04	0.12	5.32	0.424	297.9	16.76	62.8	19.83	"	
	14:45	44.94	0.05	2.64	0.12	5.38	0.424	294.1	14.67	61.7	19.83	"	
	14:50	44.94	0.05	3.24	0.12	5.42	0.425	291.8	12.01	60.7	20.01	"	
	14:55	44.95	0.06	3.84	0.12	5.44	0.424	289.2	11.66	58.5	20.04	"	

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
 <= 0.13 gal/min

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
H-3 8/11/15 15:15	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	Pump ↓	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y		Natural Attenuation Parameters
					(Nitrate, Diss. Mn, Sulfate & Diss. Methane)

1 min ^{0.60} 7 sec 0.45 L/min ^{0.01}

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION		Site: Victoria Farms - George's Deli & Gas	LocID: H-4A	Date: 08/11/15								
		Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: MIS Checked By:								
EQUIPMENT		Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.								
		PID Type/ID #: NA	Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing									
WELL INFO		Casing I.D. (in) [a]: 4"	Water Column Thickness (ft) [d-c]: 39.94	Ambient PID (ppm): NA								
		Unit Casing Volume (gal/lin ft) [b]: 0.65	Well Volume (gal) [(d-c) x b]: 25.96 gal (x3=77.88)	Mouth PID (ppm): NA								
		Initial Depth to Water (ft) [c]: 46.90	Screened Interval (ft TOC): 47-87	Ground Condition of Well: Old								
		Total Well Depth (ft) [d]: 86.84	Pump depth (ft TOC): 67 Pump depth (ft bgs):	Remarks: TOC = 0.29 A B								
CASING INFO		Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
		Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
08/11/15	16:38	46.71	0	0	0.06	—	—	NA	—	—	—	NA	Started
	16:40	47.69	0.38	0.12	0.06	—	—	—	—	—	—	—	S.l. cloudy
	16:45	47.41	0.70	0.42	0.06	6.22	0.784	254.9	30.72	67.5	17.68	—	Clearing
	16:50	47.69	0.98	0.72	0.06	6.21	0.793	253.1	30.42	61.7	18.14	—	V.s.l. cloudy
	16:55	47.80	1.09	1.02	0.06	6.24	0.801	250.7	29.59	60.3	18.64	—	
	17:00	47.90	1.19	1.12	0.02	6.26	0.800	248.1	26.72	57.0	18.74	—	
	17:05	47.94	1.23	1.22	0.02	6.31	0.799	244.1	28.80	64.5	19.23	—	
	17:10	48.00	1.29	1.32	0.02	6.34	0.798	242.9	25.21	52.8	19.58	—	↓ ↓ ↓

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

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
H-4A 8/11/15 17:25	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	Pump	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y		Natural Attenuation Parameters
	Holding Natural Attenuation parameters (Work Plan/MOE letter say No)				Nitrate
					Sulfate
				Diss Mn	
				Diss Methane	

2 min 11 sec
0.30
0.020
0.23 L/min
0.06 gpm
5 min 34 s
0.09 L/min

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas			LocID: H-6			Date: 8/13/15								
	Project Name: Victoria Farms - George's Deli & Gas			Project #: CG-08-0348			Recorded By: DM			Checked By:					
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101			HF Scientific Micro TPW						Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing					
	PID Type/ID #: NA			Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.											
WELL INFO	Casing I.D. (in) [a]: 4"			Water Column Thickness (ft) [d-c]: 18.51'						Ambient PID (ppm): NA					
	Unit Casing Volume (gal/lin ft) [b]: 0.65			Well Volume (gal) {[d-c] x b}: 12.03(3) 36.09						Well Mouth PID (ppm): NA					
	Initial Depth to Water (ft) [c]: 51.62' BTWC			Screened Interval (ft TOC): 32-72						Ground Condition of Well:					
	Total Well Depth (ft) [d]: 70.13'			Pump depth (ft TOC): 62			Pump depth (ft bgs):			Remarks: .96 ft TOC					
CASING INFO	Casing I.D. (in) [a]: 4			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]: 0.65			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.)
8/13/15	11:10	51.92	—	—	—	—	—	NA	—	—	—	NA	clear
	11:18	52.67	0.75	—	—	7.31	0.228	237.4	—	74.0	17.0	"	↓
	11:20	52.80	0.88	0.5	.05	7.31	0.228	237.4	15.63	74.0	17.01	"	↓
	11:25	52.94	1.02	0.75	.05	6.64	0.226	254.3	8.75	51.7	18.19	"	↓
	11:30	53.01	1.09	1.0	.05	6.38	0.226	257.4	7.89	43.6	17.91	"	↓
	11:35	53.07	1.15	1.5	.08	6.29	0.221	259.5	7.70	40.8	17.97	"	↓
	11:40	53.11	1.19	1.8	.08	6.27	0.221	259.0	6.83	38.9	18.00	"	↓
	11:45	53.17	1.25	2.2	.08	6.25	0.217	258.6	7.12	37.6	18.17	"	↓

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 8/13/15 11:55	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	Pump	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y	↓	Natural Attenuation Parameters
	500 mL plastic bottle	↓	↓	↓	Nitrate
	↓	↓	↓	↓	Diss Mn²⁺
	2 40 mL glass VOA vials	HCl	N	↓	Sulfate
					Diss CH₄

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: MW-1	Date: 8/13/15								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: DH Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020c <i>HF Scientific MicroTPW</i>									
	PID Type/ID #: NA	Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing									
WELL INFO	Casing I.D. (in) [a]: 2"	Water Column Thickness (ft) [d-c]: 25.78'	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.16	Well Volume (gal) {[d-c] x b}: 4.12' (0.65 x 3 = 1.98)	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 58.71' BTOC	Screened Interval (ft TOC): N/A	Ground Condition of Well:								
	Total Well Depth (ft) [d]: 84.49'	Pump depth (ft TOC): 72' Pump depth (ft bgs):	Remarks: 0.56' TOC								
CASING INFO	Casing I.D. (in) [a]: 2.0	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]: 0.16	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.)
8/13/15	12:38	59.10	—	—	—	—	—	NA	—	—	16.71	NA	light brown, some silt.
	12:40	59.41	0.31	0.50	0.25	7.16	0.470	241.2	318.1	126.9	16.72	"	
	12:45	59.50	0.40	0.75	0.05	6.07	0.437	280.9	376.2	68.2	16.25	"	
	12:50	59.50	0.40	1.25	0.1	5.92	0.420	278.8	357.4	58.0	17.38	"	
	12:55	59.51	0.41	1.75	0.1	5.86	0.421	278.1	305.3	54.6	16.99	"	
	13:00	59.51	0.41	2.0	0.05	5.77	0.422	290.9	251.8	50.0	17.73	"	
	13:05	59.53	0.43	2.5	0.1	5.89	0.431	273.2	285.8	50.3	17.69	"	
	13:10	59.58	0.48	3.5	1.0	5.81	0.435	277.6	232.7	47.7	17.89	"	

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 8/13/15 13:45	3 40 mL glass VOA vials	1:1 HCl + 4°C	N		VOCs (incl MTBE + oxy's)
MW-X 00:00	1 250 mL plastic bottle	4°C	Y		Natural Attenuation Parameters

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: MW-1A	Date: 8/13/15								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: DH Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW YSI 556 water quality meter, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing									
	PID Type/ID #: NA	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.									
WELL INFO	Casing I.D. (in) [a]: 4"	Water Column Thickness (ft) [d-c]: 83.86'	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.65	Well Volume (gal) {[d-c] x b): 54.51'(3) 163.53	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 59.46' BTOC	Screened Interval (ft TOC): 105-145'	Ground Condition of Well:								
	Total Well Depth (ft) [d]: 143.32'	Pump depth (ft TOC):	Pump depth (ft bgs):	Remarks: 0.49' FOC							
CASING INFO	Casing I.D. (in) [a]: 4"	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]: 0.65	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.)
8/13/15	14:31	59.69	—	—	—	—	—	NA	—	—	—	NA	clear ↓
	14:35	60.36	0.67	0.5	0.1	7.29	0.614	227.6	9.53	346.4	15.31	"	
	14:40	60.41	0.72	1.0	0.1	6.20	0.621	210.8	5.55	309.7	14.62	"	
	14:45	60.42	0.73	1.5	0.1	5.94	0.622	280.0	5.11	312.2	14.71	"	
	14:50	60.46	0.77	2.25	0.15	5.87	0.621	279.9	4.59	301.7	14.80	"	
	14:55	60.48	0.79	3.00	0.15	5.79	0.618	278.3	9.74	300.5	14.46	"	
	15:00	60.51	0.81	3.75	0.15	5.72	0.616	280.1	8.43	319.1	14.62	"	
	15:05	60.54	0.83	4.35	0.12	5.68	0.616	276.1	6.67	327.0	14.77	"	

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 8/13/15 15:20	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	Pump ↓ ↓ ↓ ↓	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y		Natural Attenuation Parameters
	500 mL plastic bottle	↓	↓		Nitrate
	↓	↓	↓		Diss. Mn ²⁺
	2 40 mL glass VOA vials	HCl	N		Sulfate Diss. CH ₄

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: MW-2	Date: 8/13/15								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: DG Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	<i>HF Scientific Micro TPN</i>									
	PID Type/ID #: NA	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.								
WELL INFO	Casing I.D. (in) [a]: 2"	Water Column Thickness (ft) [d-c]: 30.04'	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: -0.16	Well Volume (gal) {[d-c] x b): (4.81' x .16) x 3 = 2.3	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 54.76' BTOC	Screened Interval (ft TOC): N/A	Ground Condition of Well:								
	Total Well Depth (ft) [d]: 81.80'	Pump depth (ft TOC): 71 Pump depth (ft bgs):	Remarks: 0.32' TOC								
CASING INFO	Casing I.D. (in) [a]: 2.0	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]: 0.16	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.)
8/13/15	8:45	54.82	—	—	—			NA				NA	
	8:50	56.30	1.48	0.5 gal	0.1	6.68	0.691	"	950.6	7.35	16.40	"	
	8:55	56.50	0.20	0.75	0.05	6.14	0.682	"	716.6	5.24	17.01	"	
	9:00	56.62	0.12	1.25	0.10	5.99	0.682	"	754.7	4.41	18.21	"	
	9:05	56.71	0.09	1.75	0.10	6.00	0.675	"	676.2	4.09	18.68	"	
	9:10	56.77	0.06	2.0	0.05	5.99	0.681	"	309.0	4.20	18.83	"	
	9:15	56.82	0.05	2.5	0.05	6.00	0.677	"	198.6	4.19	19.09	"	
	9:20	56.90	0.08	2.75	0.05	6.02	0.682	"	1638	4.37	19.15	"	

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 8/13/15 10:10	3 40 mL glass VOA vials	1:1 HCl + 4°C	N		VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y		Natural Attenuation Parameters

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas		LocID: MW-3		Date: 08/11/15							
	Project Name: Victoria Farms - George's Deli & Gas		Project #: CG-08-0348		Recorded By: MIS Checked By:							
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101		Sampling Equipment: HFS Scientific Micro TPW YSI 556 water quality meter, LaMotte 2020e		Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.							
	PID Type/ID #: NA		Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing									
WELL INFO	Casing I.D. (in) [a]: 2"		Water Column Thickness (ft) [d-c]: 32.24'		Ambient PID (ppm): NA							
	Unit Casing Volume (gal/lin ft) [b]: 0.16		Well Volume (gal) [(d-c) x b]: 5.16 gal (X3=15.48)		Well Mouth PID (ppm): NA							
	Initial Depth to Water (ft) [c]: 45.26' BTOC		Screened Interval (ft TOC): NA		Ground Condition of Well: OK, has bolts							
	Total Well Depth (ft) [d]: 77.50'		Pump depth (ft TOC): 62 Pump depth (ft bgs):		Remarks: TOC = A-B-G Flushmount							
CASING INFO	Casing I.D. (in) [a]:		1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:		0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
08/11/15	18:40	45.08	0	0	0.05	—	—	NA	—	—	—	—	
	18:42	45.82	0.74	0.10	0.05	—	—	—	—	—	—	—	Started murky
	18:45	46.05	0.97	0.25	0.05	5.37	0.279	321.0	623.0	173.1	16.56	—	Murky
	18:50	46.11	1.03	0.50	0.05	5.29	0.277	320.8	964.2	109.9	16.84	—	
	18:55	46.23	1.15	0.75	0.05	5.33	0.277	308.8	875.7	71.1	17.50	—	
	19:00	46.29	1.21	1.00	0.05	5.39	0.277	303.1	941.9	67.0	18.00	—	
	19:05	46.27	1.19	1.25	0.03	5.48	0.278	296.1	752.2	64.5	18.17	—	
✓	19:10	46.12	1.04	1.40	0.03	5.58	0.279	287.6	784.1	60.4	18.74	—	

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

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
MW-3 08/11/15 19:30	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	Pump ↓	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y		Natural Attenuation Parameters?
	500				— Nitrate
					— Diss Mn.
					— Sulfate
				— Diss. Methane	

$2.667 \text{ min} / 500 \text{ mL} = 0.19 \text{ L/min}$
 $4 \text{ min} = 0.13 \text{ L/min}$

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: MW-4	Date: 8/14/15								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: DH Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	<i>HES Scientific M. Co TWP</i>									
	PID Type/ID #: NA	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.								
WELL INFO	Casing I.D. (in) [a]: 2"	Water Column Thickness (ft) [d-c]: 8.09'	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.16	Well Volume (gal) {[d-c] x b}: 1.29 x 3 = 3.88 3.88	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 60.50' DTOL	Screened Interval (ft TOC): 38-68	Ground Condition of Well:								
	Total Well Depth (ft) [d]: 68.59'	Pump depth (ft TOC): 66' Pump depth (ft bgs):	Remarks:								
CASING INFO	Casing I.D. (in) [a]: 2"	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]: 0.16	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.)
8/14/15	11:15	—	—	0	—	—	—	NA	—	—	—	NA	Started bailing cloudy well dry; let well recharge to sample.
	12:20			3.88				"				"	
	13:05							"				"	
								"				"	
								"				"	
								"				"	
								"				"	

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 8/14/15 13:05	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	Bailer	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y		Natural Attenuation Parameters

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: <u>MW-5</u>	Date: <u>08/12/15</u>								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: <u>MIS</u> Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	<u>HF Solinst Micro TPW</u>									
	PID Type/ID #: NA	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020c Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.								
WELL INFO	Casing I.D. (in) [a]: <u>2"</u>	Water Column Thickness (ft) [d-c]: <u>22.58'</u>	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: <u>0.16</u>	Well Volume (gal) [(d-c) x b]: <u>3.61 (x3=10.83)</u>	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: <u>49.18' BTOC</u>	Screened Interval (ft TOC): <u>42-72</u>	Ground Condition of Well: <u>Old; no bolts</u>								
	Total Well Depth (ft) [d]: <u>71.76'</u>	Pump depth (ft TOC): <u>61</u> Pump depth (ft bgs):	Remarks: <u>TOC=0.63 A B9 (Flushmount)</u>								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
08/12/15	09:25	49.58	0	0	0.1	—	—	NA	—	—	—	NA	Started; fast
	09:27	50.76	0.18	0.20	0.06	—	—	—	—	—	—	"	↓ Hz
	09:30	51.00	1.42	0.50	0.06	5.11	0.117	355.0	224.9	115.5	—	"	Cloudy
	09:35	51.12	1.54	0.80	0.06	4.99	0.115	348.9	159.9	93.2	16.59	"	↓
	09:40	51.31	1.73	1.10	0.06	4.98	0.113	350.6	129.2	86.0	16.92	"	↓
	09:45	51.42	1.84	1.40	0.06	5.03	0.112	338.4	89.57	72.0	16.55	"	↓ Hz
	09:50	51.29	1.71	1.60	0.04	5.16	0.110	332.5	98.06	65.9	16.93	"	Sl. cloudy
09:55	51.29	1.71	1.80	0.04	5.30	0.106	323.8	60.55	62.2	16.97	"	↓ ↓	

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

<=0.139 ppm

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
MW-5 8/12/15 10:20	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	Pump	VOCs (incl MTBE + oxy's)
	1 200 mL plastic bottle	4°C	Y		Natural Attenuation Parameters
	500 ↓	4°C	Y		Nitrate 300
	↓	4°C	↓		Diss. Mn 200.7
	↓	4°C	↓		Sulfate 300
	2 40-mL glass VOA vial HCl	HCl	N	↓	Diss. CH ₄ RSKF15

2 min 10 sec 0.23 L/min 3 min 12 sec 0.16 L/min

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: MW-6	Date: 08/12/15								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: MIS Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	<i>HFS 556 HPL 1100 TFW</i>									
	PID Type/ID #: NA	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.								
WELL INFO	Casing I.D. (in) [a]: 2"	Water Column Thickness (ft) [d-c]: 4.18'	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.16	Well Volume (gal) {[d-c] x b}: 0.67 (x 3 = 2.007) gal	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 68.75' BTOC	Screened Interval (ft TOC): 43-73	Ground Condition of Well: Old; no bolts								
	Total Well Depth (ft) [d]: 72.93'	Pump depth (ft TOC): 71 Pump depth (ft bgs):	Remarks: Flush mount .25 ft BTOC								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
08/12/15	11:15	68.88	0	0	0.05	-	-	NA	-	-	-	NA	Started bailing Clear then cloudy Sample time
↓	11:55	71.80		2.0	0.05	-	-	-	-	-	-	"	
	12:00	70.97										"	
													"
													"
													"
													"
													"
													"

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

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
MW-6 08/12/15 12:00	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	bailer	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y		Natural Attenuation Parameters
	VOCs only				

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: MW-7A	Date: 8/12/15								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: DH Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	<i>HFScentric Micro TPW</i>									
	PID Type/ID #: NA	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.								
WELL INFO	Casing I.D. (in) [a]: 4"	Water Column Thickness (ft) [d-c]: 72.32'	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.65	Well Volume (gal) {[d-c] x b}: 47.01 x 3 = 141.03 141.03	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 73.07' BTOC	Screened Interval (ft TOC): 125-145	Ground Condition of Well:								
	Total Well Depth (ft) [d]: 145.39'	Pump depth (ft TOC):	Pump depth (ft bgs):								
Remarks: 2.10' TOC											
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
8/12/15	18:58	73.20	—	—	—	—	—	—	—	—	—	—	—
	19:00	73.26	0.06	—	—	—	—	NA	—	—	—	NA	clear
	19:05	73.27	0.07	—	—	—	—	"	—	—	—	"	↓
	19:10	73.28	0.08	~1.1	0.11	6.56	0.381	260.8	8.84	98.8	14.11	"	↓
	19:15	73.28	0.08	1.6	0.11	5.80	0.408	295.4	5.97	73.5	13.89	"	↓
	19:20	73.28	0.08	2.2	0.11	5.65	0.413	295.6	0.61	52.2	14.11	"	↓
	19:25	73.28	0.08	2.75	0.11	5.61	0.414	292.2	5.85	47.7	14.22	"	↓
	19:30	73.29	0.09	3.3	0.11	5.58	0.414	289.7	5.64 4.88	39.4	14.08	"	↓
						5.57	0.412	288.2	4.88	52.5	14.09	"	↓

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 8/12/15 19:45	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	Pump ↓	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y		Natural Attenuation Parameters
	500 mL plastic bottle	↓	↓		Nitrate
	↓	↓	↓		Diss. Mn ²⁺
	2 40 mL glass VOA vials	HCl	N		Sulfate
				↓	Diss. CH ₄

1.25 min

37.5
12.25

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION		Site: Victoria Farms - George's Deli & Gas		LocID: MW-7B		Date: 08/12/15	
		Project Name: Victoria Farms - George's Deli & Gas		Project #: CG-08-0348		Recorded By: D.H. Checked By:	
EQUIPMENT		Water Level Indicator Type/ID #: Solinst Model 101		Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing		Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.	
		PID Type/ID #: NA		HFS Sub for Micro TPW			
WELL INFO		Casing I.D. (in) [a]: 4"		Water Column Thickness (ft) [d-c]: 209.24'		Ambient PID (ppm): NA	
		Unit Casing Volume (gal/lin ft) [b]: 0.65		Well Volume (gal) [(d-c) x b]: 136.01		Well Mouth PID (ppm): NA	
		Initial Depth to Water (ft) [c]: 268.86' BTOC		Screened Interval (ft TOC): 223-283		Ground Condition of Well:	
		Total Well Depth (ft) [d]: 286.10'		Pump depth (ft TOC): 258'		Remarks: 2.396' TOC	
CASING INFO		Casing I.D. (in) [a]:		1.5 2.0 2.2 3.0 4.0 4.3 5.0 6.0 7.0 8.0			
		Unit Casing Volume (gal/lin ft) [b]:		0.09 0.16 0.20 0.37 0.65 0.75 1.0 1.5 2.0 2.6			

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
8/12/15	15:30	75.40	—	—	—	—	—	NA	—	—	—	NA	
	15:35	77.28	1.88	~1.0	~0.33	6.40	0.382	257.3	—	66.5	14.70	"	198.0 Hz clear
	15:40	78.58	2.30	~1.5	~0.1	6.23	0.393	246.1	6.36	63.3	14.81	"	196.5 Hz clear
	15:45	78.91	2.23	1.7	.023	6.30	0.394	234.3	11.56	47.2	16.23	"	195.0 Hz clear
	15:50	79.00	0.29	~1.85	.023	6.67	0.405	206.1	8.00	38.7	18.34	"	196.5 Hz clear
	15:55	79.54	4.14	~2.0	.023	6.67	0.398	209.3	7.46	34.9	16.25	"	196.5 Hz clear
	16:00	79.75	4.35	2.20	.023	6.63	0.402	212.6	6.72	31.1	16.59	"	
	16:05	79.99	4.59	2.38	.036	6.63	0.401	215.7	6.56	27.6	17.01	"	

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

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
MW-7B 8/12/15 16:25	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	Pump	VOCs (incl MTBE + oxy's)
	1 500 mL plastic bottle	4°C	Y		Natural Attenuation Parameters
					Nitrate
					Diss. Mn
					Sulfate
					Diss Methane

5 min 43 s 3 min 39 s

3.021

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas		LocID: MW-7R				Date: 8/12/15					
	Project Name: Victoria Farms - George's Deli & Gas		Project #: CG-08-0348				Recorded By: DH Checked By:					
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101		Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e				Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.					
	PID Type/ID #: NA		Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing									
WELL INFO	Casing I.D. (in) [a]: 4"		Water Column Thickness (ft) [d-c]: 27.70'				Ambient PID (ppm): NA					
	Unit Casing Volume (gal/lin ft) [b]: 0.65		Well Volume (gal) [(d-c) x b]: 18.01 (3) 54.03				Well Mouth PID (ppm): NA					
	Initial Depth to Water (ft) [c]: 72.65' B Tol		Screened Interval (ft TOC): 45-100				Ground Condition of Well: Good					
	Total Well Depth (ft) [d]: 100.35'		Pump depth (ft TOC): 87		Pump depth (ft bgs):		Remarks: TOC = 2.26' AGS					
CASING INFO	Casing I.D. (in) [a]:		1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:		0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
8/12/15	17:39	72.75	-	-	-	-	-	NA	-	-	-	NA	clear ↓
	17:37	72.81	0.06	-	-	-	-	"	-	-	-	"	
	17:40	72.82	0.07	~0.5	~0.083	5.82	0.279	279.8	8.19	55.3	16.60	"	
	17:45	72.82	0.07	1.1	0.12	5.34	0.282	296.1	10.21	47.0	16.79	"	
	17:50	72.82	0.07	1.7	0.12	5.33	0.284	291.1	4.11	40.3	17.46	"	
	17:55	72.82	0.07	2.3	0.12	5.35	0.284	287.3	7.53	37.2	17.38	"	
	18:00	72.82	0.07	2.9	0.12	5.33	0.286	286.7	7.28	35.1	17.47	"	
	18:05	72.82	0.07	3.7	0.16	5.35	0.286	285.1	4.60	33.7	17.39	"	

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 8/12/15 18:15	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	Pump	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y		Natural Attenuation Parameters
	500 mL	↓	↓	Nitrates, Diss. N	
	↓	↓	↓	Dissolved Mn ²⁺	
	240 mL glass VOA vials	HCl	N	↓	Sulfate Diss. CH ₄

1 min G sec 51s

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: Lot 4 Well	Date: 08/11/15								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: MIS Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e, HF Swath Re MicroTPN									
	PID Type/ID #: NA	Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing									
WELL INFO	Casing I.D. (in) [a]: 6"	Water Column Thickness (ft) [d-c]: 63.13'	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 1.5	Well Volume (gal) {[d-c] x b}: 94.70'	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 60.12' BTOC	Screened Interval (ft TOC): 20-120'	Ground Condition of Well: Good								
	Total Well Depth (ft) [d]: 123.25'	Pump depth (ft TOC): 91 Pump depth (ft bgs):	Remarks: Stick up 7" (0.58')								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
08/11/15	09:23	60.02	0	0	0	—	—	NA	—	—	—	NA	Started clear Clear 176 Hz
	09:25	60.47	0.45	0.40	~0.2	—	—	—	—	—	—	—	
	09:30	60.45	0.43	0.85	0.09	5.31	0.642	288.9	16.35	71.8	14.67	—	
	09:35	60.56	0.54	1.30	0.09	5.10	0.654	300.3	19.06	69.0	14.07	—	
	09:40	60.63	0.51	1.75	0.09	5.08	0.653	298.2	18.51	65.6	14.71	—	
	09:45	60.55	0.53	2.20	0.09	5.19	0.655	292.5	17.68	64.6	14.84	—	
	09:50	60.57	0.55	2.65	0.09	5.22	0.650	289.1	17.52	63.4	15.06	—	
09:55	60.56	0.54	3.10	0.09	5.26	0.651	286.3	20.07	64.9	14.77	—		

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

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
Lot 4 Well 8/11/15 10:20	3 40 mL glass VOA vials	1:1 HCl + 4°C	N		VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y		Natural Attenuation Parameters

6.020

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas		LocID: Lot 7 well				Date: 8/14/15					
	Project Name: Victoria Farms - George's Deli & Gas		Project #: CG-08-0348				Recorded By: DG Checked By:					
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101		Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e				Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.					
	PID Type/ID #: NA		Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing									
WELL INFO	Casing I.D. (in) [a]: 6.0		Water Column Thickness (ft) [d-c]:				Ambient PID (ppm): NA					
	Unit Casing Volume (gal/lin ft) [b]: 1.5		Well Volume (gal) {[d-c] x b}:				Well Mouth PID (ppm): NA					
	Initial Depth to Water (ft) [c]: 53.79		Screened Interval (ft TOC):				Ground Condition of Well:					
	Total Well Depth (ft) [d]:		Pump depth (ft TOC):		Pump depth (ft bgs):		Remarks: 1' stick up					
CASING INFO	Casing I.D. (in) [a]: 6.0		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]: 1.5		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.)
8/14/15	9:42	53.79	—	—	—	—	—	—	—	—	—	—	—
	9:46	54.08	0.29	0.5	0.13	6.87	0.517	239.0	10.91	597.8	14.36	NA	—
	9:51	54.11	0.32	0.75	0.05	6.63	0.536	274.0	12.11	577.0	14.35	"	Clear
	9:56	54.12	0.33	1.25	0.1	6.50	0.539	272.8	7.39	613.8	14.18	"	↓
	10:01	54.12	0.33	1.50	0.05	6.40	6.541	277.2	6.78	607.9	14.83	"	
	10:06	54.13	0.34	2.50	0.2	6.28	0.542	277.5	7.98	667.8	14.81	"	
	10:11	54.17	0.40	3.0	0.1	6.31	0.539	277.1	7.37	667.8	14.54	"	
	10:16	54.22	0.43	3.75	0.15	6.26	0.534	276.1	9.39	674.3	14.66	"	

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

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
Lot 7 well 8/14/15 10:26	3 40 mL glass VOA vials	1:1 HCl + 4°C	N		VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y		Natural Attenuation Parameters

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: <u>Sentinel Well</u>	Date: <u>08/11/2015</u>								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: <u>MIS</u> Checked By:								
<u>HF Scientific Macro TPW</u>											
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.								
	PID Type/ID #: NA										
WELL INFO	Casing I.D. (in) [a]: <u>6"</u>	Water Column Thickness (ft) [d-c]: <u>22.95'</u>	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: <u>1.5</u>	Well Volume (gal) [(d-c) x b]: <u>33.68'</u>	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: <u>50.13' BTOC</u>	Screened Interval (ft TOC): <u>61' 47-70'</u>	Ground Condition of Well: <u>Good</u>								
	Total Well Depth (ft) [d]: <u>72.58'</u>	Pump depth (ft TOC): <u>61'</u> Pump depth (ft bgs): <u>59.35'</u>	Remarks: <u>Struck up 1.65'</u>								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
<u>08/11/15</u>	<u>12:03</u>	<u>50.11</u>	<u>0</u>	<u>0</u>	<u>0.4</u>	<u>-</u>	<u>-</u>	<u>NA</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>NA</u>	<u>Started: took</u>
	<u>12:06</u>	<u>50.13</u>	<u>0.02</u>	<u>1.20</u>	<u>0.05</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>"</u>	<u>awhile for pump</u>
	<u>12:10</u>	<u>50.13</u>	<u>0.02</u>	<u>1.40</u>	<u>0.05</u>	<u>6.48</u>	<u>0.174</u>	<u>290.0</u>	<u>26.57</u>	<u>165.3</u>	<u>18.26</u>	<u>"</u>	<u>then started fast</u>
	<u>12:15</u>	<u>50.13</u>	<u>0.02</u>	<u>1.65</u>	<u>0.05</u>	<u>5.31</u>	<u>0.171</u>	<u>301.3</u>	<u>21.08</u>	<u>75.2</u>	<u>16.21</u>	<u>"</u>	<u>158 Hz → 160 Hz</u>
	<u>12:20</u>	<u>50.14</u>	<u>0.03</u>	<u>1.90</u>	<u>0.13</u>	<u>4.99</u>	<u>0.170</u>	<u>323.9</u>	<u>27.08</u>	<u>68.1</u>	<u>16.13</u>	<u>"</u>	
	<u>12:25</u>	<u>50.14</u>	<u>0.03</u>	<u>2.55</u>	<u>0.13</u>	<u>4.86</u>	<u>0.169</u>	<u>330.3</u>	<u>44.66</u>	<u>62.3</u>	<u>16.21</u>	<u>"</u>	<u>160 Hz → 159 Hz</u>
	<u>12:30</u>	<u>50.15</u>	<u>0.04</u>	<u>3.20</u>	<u>0.11</u>	<u>4.87</u>	<u>0.169</u>	<u>329.5</u>	<u>49.19</u>	<u>59.0</u>	<u>15.87</u>	<u>"</u>	
	<u>12:35</u>	<u>50.16</u>	<u>0.05</u>	<u>3.75</u>	<u>0.11</u>	<u>4.76</u>	<u>0.168</u>	<u>334.1</u>	<u>48.60</u>	<u>56.8</u>	<u>16.41</u>	<u>"</u>	

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

0.13 gpm

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
<u>Sentinel well</u> <u>08/11/2015 13:00</u>	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	<u>Pump</u> <u>↓</u>	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y		Natural Attenuation Parameters

$0.500 \text{ L in } 2 \text{ min } 38 \text{ sec} = 0.19 \text{ L/min} = 0.05 \text{ gpm}$
0.01

ATTACHMENT A-2

**GROUNDWATER SAMPLING LOGS
NOVEMBER 2015 SAMPLING EVENT**

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas		LocID: H-1A		Date: 8/19/15						
	Project Name: Victoria Farms - George's Deli & Gas		Project #: CG-08-0348		Recorded By: DG Checked By:						
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101		Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e		Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.						
	PID Type/ID #: NA		Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing								
WELL INFO	Casing I.D. (in) [a]: 6"		Water Column Thickness (ft) [d-c]: 10.07		Ambient PID (ppm): NA						
	Unit Casing Volume (gal/lin ft) [b]: 1.5		Well Volume (gal) {[d-c] x b}: 15.1 (x3 = 45.3)		Well Mouth PID (ppm): NA						
	Initial Depth to Water (ft) [c]: 56.21		Screened Interval (ft TOC): 25-65		Ground Condition of Well:						
	Total Well Depth (ft) [d]: 66.28		Pump depth (ft TOC): 62' Pump depth (ft bgs):		Remarks:						
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
11/19/15	9:52	56.21	—	—	—	5.97	0.461	184NA	39.95	3.44	14.90	NA	clear
	9:57	56.44	0.23	0.25	0.05	5.56	0.484	153.0	18.55	15.7	14.87	"	
	10:02	56.49	0.28	0.50	0.05	5.57	0.490	140.3	13.23	9.8	15.20	"	
	10:07	56.57	0.36	0.75	0.05	5.57	0.494	127.7	10.61	6.8	16.36	"	
	10:12	56.63	0.42	1.0	0.05	5.58	0.492	124.1	10.98	6.5	17.25	"	
	10:17	56.69	0.48	1.75	0.15	5.59	0.495	120.6	11.89	6.0	17.44	"	
	10:22	56.77	0.56	2.25	0.1	5.89	0.493	121.4	10.00	5.8	17.67	"	
	10:27	56.84	0.63	2.50	0.05	5.59	0.494	121.5	9.89	5.4	17.85	"	

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 / 10:30	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	PUMP	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y	↓	Natural Attenuation Parameters
Ferrus Iron: 0					

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: H-3	Date: 11/17/15								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: DM Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e <i>WF Solinst Model 101</i>									
	PID Type/ID #: NA	Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing									
Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.											
WELL INFO	Casing I.D. (in) [a]: 4"	Water Column Thickness (ft) [d-c]: 10.46	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.65	Well Volume (gal) [(d-c) x b]: 6.80	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 45.96	Screened Interval (ft TOC): 38-58	Ground Condition of Well:								
	Total Well Depth (ft) [d]: 56.42	Pump depth (ft TOC): 51' Pump depth (ft bgs):	Remarks:								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
11/17/15	13:05	45.96	-	-	-	5.73	0.745	149.2	10.53	123.0	15.56	NA	clear
	13:10	45.98	0.02	0.5	0.10	4.86	0.716	191.3	9.06	81.8	16.56	"	
	13:15	46.00	0.04	1.25	0.15	4.86	0.692	192.3	7.23	76.1	17.69	"	
	13:20	46.00	0.04	2.25	0.25	4.92	0.616	186.3	5.62	73.7	17.82	"	
	13:25	46.00	0.04	3.0	0.15	4.94	0.615	185.3	6.81	74.6	17.75	"	
	13:30	46.00	0.04	3.5	0.10	4.93	0.598	184.9	5.94	74.2	17.63	"	
	13:35	46.00	0.04	4.0	0.10	4.93	0.594	184.6	5.12	74.1	17.83	"	
	13:40	46.00	0.04	4.5	0.10	4.93	0.591	184.2	7.13	73.9	17.81	"	

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

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
H-3 11/17/15 13:50 Ferrous Iron: 0 mg/L	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	pump	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y	pump	Natural Attenuation Parameters
	2 40 mL glass VOA vials	1:1 HCl + 4°C	N	pump	Dissolved CH ₄ P&K 175

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: MW-4A H-4A	Date: 11/17/15								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: DG Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e									
	PID Type/ID #: NA	Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing									
WELL INFO	Casing I.D. (in) [a]: 4"	Water Column Thickness (ft) [d-c]: 39.3	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.65	Well Volume (gal) [(d-c) x b]: 25.5 (x3 = 76.6)	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 47.54	Screened Interval (ft TOC): 47-87	Ground Condition of Well:								
	Total Well Depth (ft) [d]: 86.84	Pump depth (ft TOC): 67' Pump depth (ft bgs): 66.71	Remarks:								
CASING INFO	Casing I.D. (in) [a]: 4"	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]: 0.65	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.)
11/17/15	11:35	47.54	—	—	—	5.40	0.928	160.4	14.69	262.7	14.34	NA	
	11:40	49.05	1.51	1.25	0.25	5.12	0.935	186.1	10.86	106.8	15.02	"	clear
	11:45	49.67	2.13	1.75	0.10	5.0	0.933	187.1	8.03	87.8	16.09	"	
	11:50	49.95	2.41	2.0	0.05	5.04	0.936	184.6	6.97	81.6	16.25	"	
	11:55	50.06	2.52	2.25	0.05	5.08	0.936	182.1	6.00	80.4	16.19	"	
	12:00	50.16	2.62	2.50	0.05	5.09	0.934	180.9	5.64	78.3	16.17	"	clear
	12:05	50.28	2.74	2.60	0.02	5.09	0.933	181.0	5.71	78.6	16.33	"	
	12:10	50.22	2.68	2.80	0.04	5.10	0.929	180.1	5.45	76.7	16.61	"	

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

* Sampled C 12:13 *

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
MW-4A / 12:13	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	PUMP	VOCs (incl MTBE + oxy's)
Ferrous Iron: 0					

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: H-6	Date: 11/17/15								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: DG Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e									
	PID Type/ID #: NA	Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing									
Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.											
WELL INFO	Casing I.D. (in) [a]: 4"	Water Column Thickness (ft) [d-c]: 16.8	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.65	Well Volume (gal) {[d-c] x b}: 10.92(x3 = 32.76)	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 53.33	Screened Interval (ft TOC): 32-72	Ground Condition of Well:								
	Total Well Depth (ft) [d]: 70.13	Pump depth (ft TOC): 62' Pump depth (ft bgs):	Remarks: 0.96 ft								
CASING INFO	Casing I.D. (in) [a]: 4"	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]: 0.65	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.)
11/17/15	14:15	53.10	—	—	—	5.50	0.239	136.89	10.06	101.4	13.91	NA	clear
	14:20	54.32	1.22	0.50	0.1	4.87	0.255	185.5	8.20	45.3	14.92	"	
	14:25	54.42	1.32	1.0	0.1	4.89	0.257	175.1	8.24	46.2	15.60	"	
	14:30	54.48	1.38	1.25	0.05	4.96	0.256	164.1	7.59	35.8	15.97	"	
	14:35	54.52	1.42	1.50	0.05	4.98	0.253	161.0	5.86	34.5	16.39	"	
	14:40	54.53	1.43	1.75	0.05	5.03	0.255	156.0	5.59	39.1	16.63	"	
	14:45	54.54	1.44	2.0	0.05	5.06	0.255	153.2	6.18	36.40	16.68	"	
	14:50	54.55	1.45	2.25	0.05	5.08	0.257	150.7	6.28	35.2	16.75	"	

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 / 15:00	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	PUMP	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y	↓	Natural Attenuation Parameters
Ferrous Iron: ⊕					

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas			LocID: MW-1			Date: 11/20/15						
	Project Name: Victoria Farms - George's Deli & Gas			Project #: CG-08-0348			Recorded By: DH		Checked By:				
<i>HF Scientific Mon. Trw</i>													
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101			Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e →						Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.			
	PID Type/ID #: NA			Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing									
WELL INFO	Casing I.D. (in) [a]: 2"			Water Column Thickness (ft) [d-c]: 23.57			Ambient PID (ppm): NA						
	Unit Casing Volume (gal/lin ft) [b]: 0.16			Well Volume (gal) {[d-c] x b}: 3.77			Well Mouth PID (ppm): NA						
	Initial Depth to Water (ft) [c]: 60.92			Screened Interval (ft TOC): N/A			Ground Condition of Well:						
	Total Well Depth (ft) [d]: 84.49'			Pump depth (ft TOC): 73'			Pump depth (ft bgs):			Remarks: 0.56' TOC			
CASING INFO	Casing I.D. (in) [a]:			1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:			0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
11/20/15	12:25	60.92	—	0	—	5.74	0.305	49.7	522.3	20.4	13.65	NA	light brown
	12:30	61.28	0.36	0.5	0.10	5.20	0.304	89.8	459.1	12.0	14.59	"	
	12:35	61.32	0.40	0.75	0.05	5.09	0.302	89.9	463.9	10.8	16.33	"	
	12:40	61.34	0.42	1.25	0.10	5.03	0.304	105.2	431.5	9.6	17.13	"	
	12:45	61.34	0.42	2.00	0.15	5.13	0.306	113.5	239.8	9.0	17.47	"	
	12:50	61.36	0.44	2.75	0.15	5.19	0.308	124.2	175.2	8.4	17.48	"	
	12:55	61.36	0.44	3.50	0.15	5.18	0.309	130.7	170.0	7.7	17.35	"	
	13:00	61.34	0.42	4.0	0.10	5.17	0.312	134.8	182.1	7.5	17.31	"	

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 11/20/15 13:10 Ferrous Iron: 0 mg/L	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	pump	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y	pump	Natural Attenuation Parameters
	2 40 mL glass VOA vials	1:1 HCl + 4°C	N	pump	Dissolved Chl Rsk 175

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: MW-1A	Date: 11/20/15								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: DG Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.								
	PID Type/ID #: NA	Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing									
WELL INFO	Casing I.D. (in) [a]: 4"	Water Column Thickness (ft) [d-c]: 81.87	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.65	Well Volume (gal) {[d-c] x b}: 53.2(x3 = 159.6)	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 61.45	Screened Interval (ft TOC): 105-145	Ground Condition of Well:								
	Total Well Depth (ft) [d]: 143.32	Pump depth (ft TOC): 120 Pump depth (ft bgs):	Remarks: 0.49' TOC								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
11/20/15	13:30	61.45	—	—	—	5.26	0.518	163.1	6.43	14.1	13.36	NA	
	13:35	62.18	0.73	0.5		5.04	0.528	171.1	4.45	7.2	13.44	"	
	13:40	62.19	0.74	1.0		5.00	0.532	172.3	5.83	6.2	13.46	"	clear
	13:45	62.20	0.75	1.25	0.05	5.02	0.540	171.3	5.56	5.9	13.70	"	
	13:50	62.21	0.76	1.75	0.10	5.03	0.541	173.1	7.28	5.5	13.84	"	
	13:55	62.21	0.76	2.00	0.05	5.02	0.540	172.0	8.13	5.2	13.89	"	
	14:00	62.22	0.77	2.50	0.10	5.03	0.541	173.2	7.51	4.8	13.90	"	
	14:05	62.23	0.78	3.00	0.05	5.04	0.541	173.9	8.02	4.7	13.96	"	sample

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 / 14:05 / 11/20/15 Dupe / 00:00 / 11/20/15 Ferrrous Iron: 0	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	pump	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y	pump	Natural Attenuation Parameters
	2 40mL glass VOA vials	1:1 HCl + 4°C	N	pump	Dissolved Chl RSK175

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: MW-2	Date: 11/19/15
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: DH Checked By:
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing	
	PID Type/ID #: NA	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.	
WELL INFO	Casing I.D. (in) [a]: 2"	Water Column Thickness (ft) [d-c]: 27.8'	Ambient PID (ppm): NA
	Unit Casing Volume (gal/lin ft) [b]: 0.16	Well Volume (gal) [(d-c) x b]: 4.45	Well Mouth PID (ppm): NA
	Initial Depth to Water (ft) [c]: 57.0'	Screened Interval (ft TOC): N/A	Ground Condition of Well:
	Total Well Depth (ft) [d]: 84.80'	Pump depth (ft TOC): 74' Pump depth (ft bgs):	Remarks: 0.32' TOC

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

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
11/19/15	8:25	57.00	-	0	-	5.79	0.774	210.3	964.5	19.2	14.49	NA	cloudy ↓
	8:30	58.58	1.58	0.25	0.05	5.53	0.772	188.7	649.8	8.5	14.54	"	
	8:35	58.65	1.65	0.50	0.05	5.12	0.773	178.2	278.4	7.9	15.15	"	
	8:40	58.73	1.73	0.85	0.07	5.09	0.773	169.8	255.6	8.5	15.70	"	
	8:45	58.90	1.90	1.25	0.08	5.09	0.772	154.3	325.7	8.4	16.58	"	
	8:50	59.03	2.03	1.75	0.10	5.09	0.775	144.4	320.2	8.8	16.94	"	
	8:55	59.11	2.11	2.25	0.10	5.10	0.773	144.5	295.7	8.4	17.43	"	
	9:00	59.38	2.38	2.75	0.10	5.11	0.774	144.5	264.7	7.8	17.65	"	

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 11/19/15 9:15 Ferrous Iron: 0 mg/L	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	pump	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y	pump	Natural Attenuation Parameters
	2 40 mL glass VOA vials	1:1 HCl + 4°C	N	pump	Dissolved CH ₄ RSK 175

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: MW-3	Date: 11/18/15								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: DG Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing									
	PID Type/ID #: NA	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.									
WELL INFO	Casing I.D. (in) [a]: 2.0	Water Column Thickness (ft) [d-c]: 30.83	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.16	Well Volume (gal) [(d-c) x b]: 4.93(x3 = 14.8)	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 46.67	Screened Interval (ft TOC): Unknown	Ground Condition of Well: Flushmount in Grass								
	Total Well Depth (ft) [d]: 77.50'	Pump depth (ft TOC): 70' Pump depth (ft bgs):	Remarks:								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
11/18/15	9:48	46.67	—	—	—		0.426	169.2	—	91.8	12.54	NA	
	9:50	48.57	1.90	.20	0.04	14.78	0.426	158.8	603.7	55.6	13.18	"	
	9:55	48.54	1.87	.75	0.11	14.22	0.407	163.1	410.6	58.4	14.52	"	cloudy
	10:00	48.59	1.93	1.0	0.05	13.97	0.406	152.5	433.5	57.3	15.78	"	
	10:05	48.56	1.90	1.75	0.15	13.83	0.403	142.0	387.1	59.6	16.09	"	
	10:10	48.54	1.88	2.0	0.05	13.71	0.400	138.5	289.0	57.2	16.35	"	
	10:15	48.52	1.86	2.5	0.1	13.69	0.399	135.8	230.8	57.4	16.59	"	
	10:20	48.90	2.23	3.0	0.1	13.59	0.398	134.4	231.0	57.8	16.86	"	

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

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
MW-3/ 10:30 Ferrous Iron: ✗	3 40 mL glass VOA vials	1:1 HCl + 4°C	N		VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y		Natural Attenuation Parameters

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: MW-4	Date: 11/16/15								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: DH Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e									
	PID Type/ID #: NA	Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing									
WELL INFO	Casing I.D. (in) [a]: 2"	Water Column Thickness (ft) [d-c]: 5.25'	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/in ft) [b]: 0.16	Well Volume (gal) {[d-c] x b}: 0.84 x 3 = 2.52	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 63.34'	Screened Interval (ft TOC): 38-68	Ground Condition of Well:								
	Total Well Depth (ft) [d]: 68.59'	Pump depth (ft TOC):	Pump depth (ft bgs):								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/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.)
11/16/15	11:25	—	—	0	—	—	—	NA	—	—	—	NA	Started bailing
11/16/15	11:46	—	—	1.25	—	—	—	"	—	—	—	"	cloudy, bailed to dry
11/16/15	12:17	—	—	2.0	—	—	—	"	—	—	—	"	bailed to dry, let
11/16/15	12:45	—	—	—	—	—	—	"	—	—	—	"	recharge to sample
								"				"	
								"				"	
								"				"	
								"				"	

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 11/16/15 12:45	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	Bailer	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y	Bailer	Natural Attenuation Parameters

Ferrous Iron:

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: MW-5	Date: 11/18/15								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: DH Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing									
	PID Type/ID #: NA	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.									
WELL INFO	Casing I.D. (in) [a]: 2"	Water Column Thickness (ft) [d-c]: 16.72'	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.16	Well Volume (gal) [(d-c) x b]: 2.68	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 55.04	Screened Interval (ft TOC): 42-72	Ground Condition of Well:								
	Total Well Depth (ft) [d]: 71.76'	Pump depth (ft TOC): 61'/68' Pump depth (ft bgs):	Remarks:								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
11/18/15	11:10	55.04	0	0	—	13.82	0.207	157.0	67.70	66.2	13.35	NA	Fairly clear
	11:15	56.39	1.35	0.5	0.10	13.80	0.207	161.6	47.75	49.8	14.06	"	
	11:20	56.59	1.55	0.75	0.05	13.41	0.192	156.9	48.54	56.9	16.26	"	
	11:25	57.82	2.78	1.50	0.15	12.42	0.185	146.8	55.90	54.0	18.23	"	lowered pump to 68'
	11:30	57.54	2.50	2.25	0.15	12.87	0.187	149.5	59.40	57.9	16.14	"	
	11:35	57.76	2.72	2.75	0.10	13.09	0.196	152.3	55.95	51.9	16.20	"	
	11:40	57.72	2.68	3.25	0.10	13.25	0.201	154.2	81.32	51.1	16.33	"	
	11:45	57.62	2.58	3.50	0.05	13.14	0.199	154.5	89.40	50.9	16.73	"	

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

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
MW-5 11/18/15 12:25 Ferrous Iron: 0	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	pump	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y	pump	Natural Attenuation Parameters
	2 40 mL glass VOA vials	1:1 HCl + 4°C	N	pump	Dissolved CH ₄ RSK 175

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: MW-7A	Date: 11/19/15								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: DG Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing									
	PID Type/ID #: NA	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.									
WELL INFO	Casing I.D. (in) [a]: 4"	Water Column Thickness (ft) [d-c]: 68.86'	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.65	Well Volume (gal) [(d-c) x b]: 44.76	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 76.53'	Screened Interval (ft TOC): 125-145'	Ground Condition of Well:								
	Total Well Depth (ft) [d]: 145.39'	Pump depth (ft TOC): 135' Pump depth (ft bgs):	Remarks: 2.10' TOC								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
11/19/15	13:55	76.53	—	0	—	5.74	0.367	235.2	5.29	56.8	13.55	NA	Clear
	14:00	76.58	0.05	0.5	0.10	5.14	0.406	236.4	7.29	17.3	13.29	"	
	14:05	76.59	0.06	1.0	0.10	5.01	0.414	227.9	6.03	7.4	13.72	"	
	14:10	76.60	0.07	1.75	0.15	4.98	0.416	224.5	4.05	5.5	14.13	"	
	14:15	76.60	0.07	2.75	0.20	4.96	0.416	223.2	3.93	4.4	14.30	"	
	14:20	76.60	0.07	3.75	0.20	4.96	0.415	222.9	5.62	4.1	14.35	"	
	14:25	76.60	0.07	4.75	0.20	4.96	0.415	223.3	4.86	4.0	14.36	"	Sampled
	14:30												

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 11/19/15 14:30 Ferrous Iron: 0 mg/L	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	pump	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y	pump	Natural Attenuation Parameters
	2 40 mL glass VOA vials	1:1 HCl + 4°C	N	pump	Dissolved CH ₄ RSK 175

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: Mw-78	Date: 11/19/15								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: DH Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e <i>HP Scientific MicroTwin</i>									
	PID Type/ID #: NA	Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing									
Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.											
WELL INFO	Casing I.D. (in) [a]: 4"	Water Column Thickness (ft) [d-c]: 209.03'	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.65	Well Volume (gal) [(d-c) x b]: 135.87	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 77.07'	Screened Interval (ft TOC): 223-283	Ground Condition of Well:								
	Total Well Depth (ft) [d]: 286.10'	Pump depth (ft TOC): 160' Pump depth (ft bgs):	Remarks: 2.396 TOC								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
11/19/15	11:15	77.07	—	0	—	6.71	0.242	166.4	14.32	94.7	13.52	NA	clear
	11:20	78.97	1.90	0.5	0.10	6.39	0.331	168.1	39.27	40.7	13.36	"	↓ have to ↑ pump rate
	11:25	79.31	2.24	0.75	0.05	6.39	0.361	164.5	14.08	17.3	13.68	"	
	11:30	79.52	2.45	1.00	0.05	6.42	0.372	160.0	10.04	18.0	13.85	"	
	11:35	79.86	2.79	1.25	0.05	6.46	0.385	146.9	20.48	15.9	13.83	"	
	11:40	80.10	3.03	1.50	0.05	6.48	0.386	139.6	25.43	14.2	13.95	"	
	11:45	80.39	3.32	1.75	0.05	6.50	0.389	130.6	13.17	11.2	13.86	"	
	11:50	80.56	3.49	2.00	0.05	6.50	0.389	128.0	11.23	10.8	14.03	"	

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-78 11/19/15 12:00 Ferrous Iron: 0	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	pump	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y	pump	Natural Attenuation Parameters
	2 40 mL glass VOA vials	1:1 HCl + 4°C	N	pump	Dissolved CH ₄ RSK 175

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: MW-7R	Date: 11/19/15								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: DCG Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.								
	PID Type/ID #: NA										
WELL INFO	Casing I.D. (in) [a]: 4.0"	Water Column Thickness (ft) [d-c]: 24.14	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.65	Well Volume (gal) {[d-c] x b}: 15.7 (x3=47.1)	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 76.21	Screened Interval (ft TOC): 45-100	Ground Condition of Well:								
	Total Well Depth (ft) [d]: 100.35	Pump depth (ft TOC): 90' Pump depth (ft bgs):	Remarks:								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
11/19/15	12:43	76.21				5.43	0.260	245.4	14.62	42.2	13.84	NA	
	12:48	76.22	0.03	0.20	0.04	5.09	0.262	242.1	8.81	25.2	14.14	"	clear
	12:53	76.22	0.03	0.40	0.04	4.95	0.270	244.1	12.08	19.2	14.14	"	
	12:58	76.22	0.03	1.0	0.12	4.86	0.272	247.1	5.98	16.7	14.76	"	
	13:03	76.23	0.04	1.5	0.10	4.84	0.273	247.2	5.89	15.5	16.39	"	
	13:08	76.24	0.05	2.25	0.15	4.83	0.274	248.8	7.28	14.5	16.71	"	
	13:13	76.24	0.05	2.75	0.10	4.82	0.274	250.1	5.18	13.8	16.77	"	
	13:18	76.25	0.06	3.25	0.10	4.81	0.274	252.1	6.00	13.4	16.77	"	

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
 * Sampled @ 13:25 *

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
MW-7R / 13:25	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	PUMP	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y	↓	Natural Attenuation Parameters
Ferrous Iron: ⓧ					

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: Lot 4 Well	Date: 11/17/15								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: DG Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.								
	PID Type/ID #: NA										
WELL INFO	Casing I.D. (in) [a]: 6"	Water Column Thickness (ft) [d-c]: 62.56	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 1.5	Well Volume (gal) {[d-c] x b}: 93.84	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 60.69	Screened Interval (ft TOC): 20-120	Ground Condition of Well:								
	Total Well Depth (ft) [d]: 123.25	Pump depth (ft TOC): 91' Pump depth (ft bgs):	Remarks:								
CASING INFO	Casing I.D. (in) [a]: 6"	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]: 1.5	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.)
11/17/15	8:43	60.69	-	-	-	6.15	0.872	199.8	6.14	88.73	12.47	NA	
	8:48	61.36	0.67	1.5	0.30	5.50	0.878	206.8	7.18	86.92	13.58	"	clear
	8:53	61.36	0.67	2.5	0.20	5.46	0.880	194.2	8.14	84.7	13.79	"	
	8:58	61.37	0.68	3.5	0.20	5.44	0.880	186.2	7.47	84.1	13.89	"	
	9:03	61.37	0.68	4.5	0.20	5.43	0.884	182.2	7.61	83.4	13.99	"	
	9:08	61.37	0.68	5.5	0.20	5.41	0.883	181.6	6.25	83.9	14.05	"	v. clear
	9:13	61.37	0.68	6.5	0.20	5.40	0.885	180.7	6.30	85.0	14.00	"	sampled
	9:18	61.36	0.67	7.5	0.20	5.37	0.883	179.2	8.06	83.6	14.15	"	

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

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
Lot 4 well / 9:18	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	PUMP	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y	↓	Natural Attenuation Parameters
Ferrous Iron: ✓					

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: <u>Lot 7 Well</u>	Date: <u>11/20/15</u>								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: <u>DE</u> Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.								
	PID Type/ID #: NA	Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing									
WELL INFO	Casing I.D. (in) [a]: <u>6"</u>	Water Column Thickness (ft) [d-c]:	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: <u>1.5</u>	Well Volume (gal) {[d-c] x b):	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: <u>56.83</u>	Screened Interval (ft TOC):	Ground Condition of Well:								
	Total Well Depth (ft) [d]: <u>NM</u>	Pump depth (ft TOC): <u>90'</u> Pump depth (ft bgs):	Remarks:								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
<u>11/20/15</u>	<u>14:35</u>	<u>56.83</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>5.27</u>	<u>0.441</u>	<u>174.5</u>	<u>19.6</u>	<u>7.75</u>	<u>12.42</u>	<u>NA</u>	<u>clear</u>
	<u>14:40</u>	<u>57.20</u>	<u>0.37</u>	<u>0.5</u>	<u>0.10</u>	<u>5.09</u>	<u>0.493</u>	<u>184.0</u>	<u>17.62</u>	<u>16.9</u>	<u>12.31</u>	<u>"</u>	
	<u>14:45</u>	<u>57.21</u>	<u>0.38</u>	<u>1.0</u>	<u>0.10</u>	<u>5.07</u>	<u>0.531</u>	<u>131.6</u>	<u>9.33</u>	<u>11.6</u>	<u>12.60</u>	<u>"</u>	
	<u>14:50</u>	<u>57.22</u>	<u>0.39</u>	<u>1.5</u>	<u>0.10</u>	<u>5.08</u>	<u>0.533</u>	<u>107.5</u>	<u>7.54</u>	<u>6.1</u>	<u>13.48</u>	<u>"</u>	
	<u>14:55</u>	<u>57.23</u>	<u>0.40</u>	<u>2.0</u>	<u>0.10</u>	<u>5.08</u>	<u>0.535</u>	<u>90.5</u>	<u>6.68</u>	<u>5.2</u>	<u>13.70</u>	<u>"</u>	
	<u>15:00</u>	<u>57.25</u>	<u>0.42</u>	<u>2.5</u>	<u>0.10</u>	<u>5.09</u>	<u>0.535</u>	<u>82.3</u>	<u>6.55</u>	<u>3.8</u>	<u>13.83</u>	<u>"</u>	
	<u>15:05</u>	<u>57.25</u>	<u>0.42</u>	<u>3.0</u>	<u>0.10</u>	<u>5.10</u>	<u>0.535</u>	<u>80.1</u>	<u>6.20</u>	<u>3.5</u>	<u>13.84</u>	<u>"</u>	
	<u>15:10</u>	<u>57.26</u>	<u>0.43</u>	<u>3.5</u>	<u>0.10</u>	<u>5.11</u>	<u>0.535</u>	<u>78.8</u>	<u>4.93</u>	<u>3.0</u>	<u>13.89</u>	<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

*** 15:15 SAMPLED ***

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
<u>Lot 7 Well / 15:15</u> <u>11/20/15</u> <u>Ferrous Iron: 0</u>	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	<u>pump</u>	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y	<u>pump</u>	Natural Attenuation Parameters
	2 40 mL glass VOA vials	1:1 HCl 4°C	N	<u>pump</u>	Dissolved CH ₄ RSK 15

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: <i>Sentinel Well</i>	Date: <i>11/17/15</i>								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: <i>DH</i> Checked By:								
<i>HF Sentinel M. 40 TPN</i>											
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.								
	PID Type/ID #: NA	Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing									
WELL INFO	Casing I.D. (in) [a]: <i>6"</i>	Water Column Thickness (ft) [d-c]: <i>21.88'</i>	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: <i>1.5</i>	Well Volume (gal) [(d-c) x b]: <i>32.82</i>	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: <i>50.70</i>	Screened Interval (ft TOC): <i>47-70'</i>	Ground Condition of Well: <i>good</i>								
	Total Well Depth (ft) [d]: <i>72.58</i>	Pump depth (ft TOC): <i>61'</i> Pump depth (ft bgs): <i>59.35'</i>	Remarks: <i>stickup 1.65'</i>								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
<i>11/17/15</i>	<i>10:05</i>	<i>50.74</i>	<i>0.04</i>	<i>0</i>	<i>—</i>	<i>5.37</i>	<i>0.245</i>	<i>202.5</i>	<i>16.74</i>	<i>216.2</i>	<i>12.69</i>	<i>NA</i>	<i>clear</i>
	<i>10:10</i>	<i>50.74</i>	<i>0.04</i>	<i>1.75</i>	<i>0.35</i>	<i>5.28</i>	<i>0.218</i>	<i>201.6</i>	<i>24.64</i>	<i>100.1</i>	<i>13.50</i>	<i>"</i>	
	<i>10:15</i>	<i>50.75</i>	<i>0.05</i>	<i>3.00</i>	<i>0.25</i>	<i>5.09</i>	<i>0.216</i>	<i>196.1</i>	<i>10.79</i>	<i>83.4</i>	<i>13.55</i>	<i>"</i>	
	<i>10:20</i>	<i>50.76</i>	<i>0.06</i>	<i>4.25</i>	<i>0.25</i>	<i>5.00</i>	<i>0.213</i>	<i>194.7</i>	<i>11.16</i>	<i>77.6</i>	<i>13.60</i>	<i>"</i>	
	<i>10:25</i>	<i>50.77</i>	<i>0.07</i>	<i>5.25</i>	<i>0.20</i>	<i>4.97</i>	<i>0.213</i>	<i>194.7</i>	<i>9.83</i>	<i>75.2</i>	<i>13.67</i>	<i>"</i>	
	<i>10:30</i>	<i>50.77</i>	<i>0.07</i>	<i>6.50</i>	<i>0.25</i>	<i>4.97</i>	<i>0.212</i>	<i>193.5</i>	<i>8.25</i>	<i>74.2</i>	<i>13.62</i>	<i>"</i>	
	<i>10:35</i>	<i>50.77</i>	<i>0.07</i>	<i>7.75</i>	<i>0.25</i>	<i>4.95</i>	<i>0.213</i>	<i>192.3</i>	<i>8.57</i>	<i>73.1</i>	<i>13.67</i>	<i>"</i>	
<i>↓</i>	<i>10:40</i>	<i>50.77</i>	<i>0.07</i>	<i>9.0</i>	<i>0.25</i>	<i>4.97</i>	<i>0.212</i>	<i>191.8</i>	<i>7.89</i>	<i>73.0</i>	<i>13.72</i>	<i>"</i>	<i>↓ sample time</i>

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)
<i>Sentinel Well 11/17/15 10:40</i>	<i>3 40 mL glass VOA vials</i>	<i>1:1 HCl + 4°C</i>	<i>N</i>	<i>pump</i>	<i>VOCs (incl MTBE + oxy's)</i>
	<i>1 250 mL plastic bottle</i>	<i>4°C</i>	<i>Y</i>	<i>pump</i>	<i>Natural Attenuation Parameters</i>
	<i>2 40 mL glass VOA vials</i>	<i>1:1 HCl 4°C</i>	<i>N</i>	<i>pump</i>	<i>CH4 RSK175</i>

ATTACHMENT A-3

**GROUNDWATER SAMPLING LOGS
FEBRUARY 2016 SAMPLING EVENT**

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: H-1A	Date: 2/25/16								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: DH Checked By:								
<i>UPSCORING/ISSUE TRK</i>											
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e →	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.								
	PID Type/ID #: NA	Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing									
WELL INFO	Casing I.D. (in) [a]: 6"	Water Column Thickness (ft) [d-c]: 29.13'	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 1.5	Well Volume (gal) [(d-c) x b]: 43.70	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 37.15'	Screened Interval (ft TOC): 25-65	Ground Condition of Well:								
	Total Well Depth (ft) [d]: 66.28'	Pump depth (ft TOC): 60 Pump depth (ft bgs):	Remarks:								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
2/24/16	9:15	—	—	—	—	6.45	0.310	218.4	46.57	50.4	11.72	NA	semiclear
	9:20	37.48	0.33	0.5	0.1	5.66	0.348	199.4	30.00	40.0	13.68	"	↓
	9:25	37.59	0.44	0.75	0.05	5.61	0.350	191.8	29.85	39.6	14.37	"	
	9:30	37.73	0.58	1.25	0.1	5.60	0.348	185.1	29.73	38.9	14.48	"	
	9:35	37.84	0.69	1.75	0.1	5.58	0.346	180.7	27.58	38.5	14.52	"	
	9:40	37.97	0.82	2.0	0.05	5.56	0.344	177.8	28.97	39.3	14.58	"	
	9:45	38.06	0.91	2.5	0.1	5.55	0.344	175.5	38.78	38.3	14.61	"	
	9:50	38.17	1.02	3.0	0.1	5.55	0.343	173.5	38.97	38.4	14.51	"	

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 2/25/16 10:00 Ferrous Iron: 0 mg/L	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	pump	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y	pump	Natural Attenuation Parameters
	2 40 mL glass VOA vials	1:1 HCl + 4°C	N	pump	DSS & CH₄ RSK 15

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: H-3	Date: 2/24/16								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: _____ Checked By: _____								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e									
	PID Type/ID #: NA	Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing									
WELL INFO	Casing I.D. (in) [a]: 4.0	Water Column Thickness (ft) [d-c]: 17.24	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/in ft) [b]: 0.65	Well Volume (gal) {[d-c] x b}: 11.2(x3 = 33.6)	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 39.18	Screened Interval (ft TOC): 38-58'	Ground Condition of Well:								
	Total Well Depth (ft) [d]: 56.42	Pump depth (ft TOC): 51' Pump depth (ft bgs): _____	Remarks:								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/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.)
2/24/16	10:25	39.18	—	—	—	6.71	0.156	144.3	—	98.6	12.05	NA	
	10:30	39.22	0.04	0.5	0.1	6.47	0.167	147.9	11.50	74.9	13.38	"	
	10:35	39.22	0.04	1.25	0.15	6.51	0.169	144.5	12.74	74.1	14.63	"	
	10:40	39.22	0.04	2.0	0.15	6.47	0.171	145.8	10.52	71.5	14.80	"	
	10:45	39.23	0.05	2.5	0.10	6.45	0.171	146.2	12.57	65.3	14.87	"	
	10:50	39.22	0.04	3.25	0.15	6.42	0.171	146.5	10.72	64.3	14.79	"	
	10:55	39.22	0.04	3.75	0.10	6.40	0.173	147.6	12.38	63.9	14.67	"	
	11:00	SAMPLE											

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

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
H-3 / 11:00 2/24/16 Ferrous Iron: 0 mg/L	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	pump	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y	pump	Natural Attenuation Parameters
	2 40 mL glass VOA vials	1:1 HCl + 4°C	N	pump	Dissolved Chl Rsk 15

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: H-4A	Date: 2/24/16								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: JH Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	<i>HP Scientific Micro TM</i>									
	PID Type/ID #: NA	Sampling Equipment: YSI 556 water quality meter, LaMotte 20208 Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.								
WELL INFO	Casing I.D. (in) [a]: 4"	Water Column Thickness (ft) [d-c]: 48.22	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.65	Well Volume (gal) {[d-c] x b}: 31.34	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 38.62'	Screened Interval (ft TOC): 47-87	Ground Condition of Well: old								
	Total Well Depth (ft) [d]: 86.84'	Pump depth (ft TOC): 67 Pump depth (ft bgs): 67	Remarks:								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
2/24/16	11:20	—	—	—	—	—	—	—	49.16	—	—	NA	semi clear
	11:25	38.65	0.03	0.5	0.1	5.91	0.367	163.2	25.09	54.0	12.56	"	↓ sample
	11:30	38.96	0.34	1.25	0.15	5.86	0.371	164.4	27.73	52.1	12.62	"	
	11:35	39.59	0.97	1.50	0.05	5.79	0.369	164.5	26.75	54.8	13.69	"	
	11:40	39.98	1.36	1.75	0.05	5.80	0.373	164.5	27.40	52.2	13.88	"	
	11:45	40.32	1.70	2.0	0.05	5.80	0.372	165.5	26.10	53.0	13.88	"	
	11:50	40.67	2.05	2.5	0.1	5.77	0.369	165.9	23.60	54.2	13.92	"	
	11:55	—	—	—	—	—	—	—	—	—	—	"	

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

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
H-4A 2/24/16 11:55	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	pump	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y	pump	Natural Attenuation Parameters
Ferrous Iron: Org/L					

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: H-6	Date: 2/25/16								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: DG Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e									
	PID Type/ID #: NA	Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing									
WELL INFO	Casing I.D. (in) [a]:	Water Column Thickness (ft) [d-c]: 33.7	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]:	Well Volume (gal) [(d-c) x b]: 21.90 (x 3 = 65.7)	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 36.43	Screened Interval (ft TOC): 32-72	Ground Condition of Well:								
	Total Well Depth (ft) [d]: 70.13	Pump depth (ft TOC): 62 Pump depth (ft bgs):	Remarks:								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
2/25/16	7:50	34.25	~	~	~	5.41	0.225	-78.6	28.32	56.6	12.19	NA	
	7:55	34.81	0.38	0.5	0.1	5.72	0.224	-116.5	14.03	42.0	12.69	"	
	8:00	34.94	0.50	0.75	0.05	5.85	0.218	-113.5	11.20	41.2	13.37	"	
	8:05	35.03	0.60	1.0	0.05	5.85	0.218	-110.3	10.82	33.3	13.47	"	
	8:10	35.14	0.79	1.25	0.05	5.82	0.215	-111.2	9.53	29.4	13.86	"	
	8:15	35.19	0.94	2.25	0.2	5.81	0.215	-109.2	9.99	28.1	13.88	"	
	8:20	35.23	0.99	2.5	0.05	5.79	0.213	-107.3	7.84	26.8	13.87	"	
	8:25	35.25	1.00	3.25	0.15	5.74	0.210	-104.4	9.25	26.9	13.90	"	

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 2/25/16 / 8:40 Ferrrous Iron: 0mg/L	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	Pump	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y	Pump	Natural Attenuation Parameters
	2 40mL glass VOA vials	1:1 HCl + 4°C	N	Pump	Diss Chlor RSL 175

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: MW-1	Date: 2/26/16
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: DG- Checked By:

EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.
	PID Type/ID #: NA		

WELL INFO	Casing I.D. (in) [a]: 2.0	Water Column Thickness (ft) [d-c]: 42.32	Ambient PID (ppm): NA
	Unit Casing Volume (gal/lin ft) [b]: 0.16	Well Volume (gal) [(d-c) x b]: 6.77(x 3 = 20.3)	Well Mouth PID (ppm): NA
	Initial Depth to Water (ft) [c]: 42.17	Screened Interval (ft TOC): NA	Ground Condition of Well:
	Total Well Depth (ft) [d]: 84.49	Pump depth (ft TOC): 72' Pump depth (ft bgs):	Remarks:

CASING INFO	Casing I.D. (in) [a]: 2.0	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]: 0.16	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.)
2/26/16	9:35	42.16	-	-	-	5.58	0.243	348.5	713.0	31.3	11.62	NA	
	9:40	42.57	0.41	0.5	0.1	5.41	0.253	328.5	384.0	27.0	11.06	"	
	9:45	42.58	0.42	1.0	0.1	5.30	0.240	312.6	180.6	28.7	11.46	"	
	9:50	42.58	0.42	1.5	0.1	5.32	0.236	301.8	138.2	30.4	13.04	"	
	9:55	42.61	0.45	2.25	0.15	5.36	0.251	298.7	102.2	26.0	13.53	"	
	10:00	42.61	0.45	3.0	0.15	5.33	0.267	281.3	71.82	21.4	13.82	"	
	10:05	42.62	0.46	4.25	0.25	5.36	0.272	274.7	61.20	18.4	13.98	"	
	10:10	42.62	0.46	4.75	0.1	5.36	0.275	268.3	58.95	18.0	13.73	"	

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 / 10:35 Ferro as Iron = 0 mg/L	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	PUMP	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y	↓	Natural Attenuation Parameters
	2 40 mL glass VOA vials	1:1 HCl + 4°C	N	↓	Diss. CH ₄ RSK175

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: <u>MW-1A</u>	Date: <u>2/26/16</u>								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: <u>DH</u> Checked By:								
<i>APSCem/Geo/Min/TPW</i>											
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020c	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.								
	PID Type/ID #: NA	Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing									
WELL INFO	Casing I.D. (in) [a]: <u>4"</u>	Water Column Thickness (ft) [d-c]: <u>100.25</u>	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: <u>0.65</u>	Well Volume (gal) {[d-c] x b}: <u>65.16</u>	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: <u>43.07</u>	Screened Interval (ft TOC): <u>105-145</u>	Ground Condition of Well:								
	Total Well Depth (ft) [d]: <u>143.32</u>	Pump depth (ft TOC): <u>125'</u> Pump depth (ft bgs):	Remarks:								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
<u>2/26/16</u>	<u>11:05</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>6.19</u>	<u>0.447</u>	<u>255.7</u>	<u>3.34</u>	<u>9.1</u>	<u>11.32</u>	<u>NA</u>	<u>clear</u>
	<u>11:10</u>	<u>43.87</u>	<u>0.80</u>	<u>0.5</u>	<u>0.1</u>	<u>5.64</u>	<u>0.460</u>	<u>252.1</u>	<u>6.17</u>	<u>5.7</u>	<u>11.75</u>	<u>"</u>	↓ <u>sample</u>
	<u>11:15</u>	<u>43.95</u>	<u>0.88</u>	<u>1.0</u>	<u>0.1</u>	<u>5.52</u>	<u>0.463</u>	<u>247.8</u>	<u>6.03</u>	<u>5.3</u>	<u>12.02</u>	<u>"</u>	
	<u>11:20</u>	<u>43.95</u>	<u>0.88</u>	<u>1.5</u>	<u>0.1</u>	<u>5.49</u>	<u>0.460</u>	<u>240.9</u>	<u>8.09</u>	<u>4.0</u>	<u>12.40</u>	<u>"</u>	
	<u>11:25</u>	<u>43.97</u>	<u>0.90</u>	<u>2.0</u>	<u>0.1</u>	<u>5.49</u>	<u>0.459</u>	<u>234.8</u>	<u>12.91</u>	<u>3.7</u>	<u>12.40</u>	<u>"</u>	
	<u>11:30</u>	<u>43.98</u>	<u>0.91</u>	<u>2.5</u>	<u>0.1</u>	<u>5.47</u>	<u>0.458</u>	<u>230.5</u>	<u>14.23</u>	<u>3.4</u>	<u>12.47</u>	<u>"</u>	
	<u>11:35</u>	<u>43.88</u>	<u>0.81</u>	<u>3.0</u>	<u>0.1</u>	<u>5.48</u>	<u>0.458</u>	<u>227.3</u>	<u>13.04</u>	<u>3.7</u>	<u>12.31</u>	<u>"</u>	
	<u>11:40</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<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>MW-1A 2/26/16 11:40</u> <u>Ferrus Iron: 0 mg/L</u>	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	<u>pump</u>	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y	<u>pump</u>	Natural Attenuation Parameters
	2 40 mL glass VOA vials	1:1 HCl + 4°C	N	<u>pump</u>	<u>D65 CH₄ RSK 175</u>

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: MW-2	Date: 2/25/16								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: DG Checked By:								
<i>AF Science Micro TPW</i>											
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.								
	PID Type/ID #: NA										
WELL INFO	Casing I.D. (in) [a]: 2.0	Water Column Thickness (ft) [d-c]: 47.2	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.65	Well Volume (gal) {[d-c] x b}: 7.55 (x3 = 22.6)	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 39.60	Screened Interval (ft TOC): NA	Ground Condition of Well:								
	Total Well Depth (ft) [d]: 84.80	Pump depth (ft TOC): 74' Pump depth (ft bgs):	Remarks: Concrete								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
2/25/16	10:30	39.60	—	—	—	5.65	0.519	208.6	352.0	23.7	12.00	NA	cloudy ↓
	10:35	39.91	0.31	0.5	0.1	5.39	0.601	200.2	1100+	14.6	13.18	"	
	10:40	39.91	0.31	1.0	0.1	5.37	0.607	191.8	1100+	13.5	13.89	"	
	10:45	39.97	0.37	1.5	0.1	5.37	0.607	189.8	1100+	13.9	14.31	"	
	10:50	39.98	0.38	2.25	0.15	5.36	0.607	189.4	762.2	13.8	14.69	"	
	10:55	39.96	0.36	2.75	0.1	5.32	0.606	187.4	849.4	14.2	14.81	"	
	11:00	39.98	0.38	3.5	0.15	5.32	0.602	186.0	527.0	14.4	14.88	"	
	11:05	39.99	0.39	4.25	0.15	5.34	0.599	184.0	354.5	14.2	15.11	"	

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 2/25/16 11:35 Ferrous Iron: 0mg/L	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	pump	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y	pump	Natural Attenuation Parameters
	2 40 mL glass VOA vials	1:1 HCl + 4°C	N	pump	Diss. CH ₄ RSK 175

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: MW-3	Date: 2/24/16								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: DH Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020a <i>HF Synthetic Media TM</i>									
	PID Type/ID #: NA	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.									
WELL INFO	Casing I.D. (in) [a]: 2"	Water Column Thickness (ft) [d-c]: 40.69'	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.16	Well Volume (gal) [(d-c) x b]: 6.51	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 36.81'	Screened Interval (ft TOC): unknown	Ground Condition of Well:								
	Total Well Depth (ft) [d]: 77.50'	Pump depth (ft TOC): 65' Pump depth (ft bgs):	Remarks:								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
2/24/16	13:25	—	—	—	—	6.03	0.240	174.6	355.9	37.5	12.18	NA	cloudy
	13:30	—	—	0.5	0.1	5.55	0.260	174.6	432.1	30.8	12.33	"	water level not
	13:35	—	—	1.0	0.1	5.49	0.258	174.2	816.2	30.7	13.13	"	recorded b/c could
	13:40	—	—	1.25	0.05	5.48	0.258	174.2	1092	28.1	14.07	"	not fit down 2" well
	13:45	—	—	1.5	0.05	5.47	0.255	174.2	601.9	29.6	14.75	"	w/ pump & tubing
	13:50	—	—	1.75	0.05	5.46	0.254	175.2	409.6	31.7	14.78	"	
	13:55	—	—	2.0	0.05	5.45	0.255	175.4	342.9	30.2	14.68	"	
	14:00	—	—	2.25	0.05	5.44	0.254	176.3	186.9	30.9	14.92	"	

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

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
MW-3 2/24/16 14:30 Ferrous Iron: 0 mg/L	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	pump	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y	pump	Natural Attenuation Parameters
	2 40 mL glass VOA vials	1:1 HCl + 4°C	N	pump	Diss. CH ₄ RSK 175

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: MW-4	Date: 2/22/16
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: V. Hobbs Checked By:

EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.
	PID Type/ID #: NA		

WELL INFO	Casing I.D. (in) [a]: 2"	Water Column Thickness (ft) [d-c]: 22.38	Ambient PID (ppm): NA
	Unit Casing Volume (gal/lin ft) [b]: 0.16	Well Volume (gal) {[d-c] x b}: 3.58 x 3 = 10.74	Well Mouth PID (ppm): NA
	Initial Depth to Water (ft) [c]: 46.21'	Screened Interval (ft TOC): 33-68	Ground Condition of Well:
	Total Well Depth (ft) [d]: 68.59'	Pump depth (ft TOC): NA Pump depth (ft bgs):	Remarks:

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

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
2/22/16	11:35	—	—	—	—	—	—	NA	—	—	—	NA	Started bailing sample
2/22/16	13:05	—	—	11.00	—	—	—	"	—	—	—	"	
								"				"	
								"				"	
								"				"	
								"				"	
								"				"	
								"				"	

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 2/22/16 13:05	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	Bailer	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y	Bailer	Natural Attenuation Parameters
Recons from: 0 mg/L					

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: MW-5	Date: 2/24/16								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: DG Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.								
	PID Type/ID #: NA	Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing									
WELL INFO	Casing I.D. (in) [a]: 2.0	Water Column Thickness (ft) [d-c]: 29.96	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.16	Well Volume (gal) [(d-c) x b]: 4.80(x3 = 14.4)	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 41.80	Screened Interval (ft TOC): 42-72	Ground Condition of Well:								
	Total Well Depth (ft) [d]: 71.26	Pump depth (ft TOC): 61 Pump depth (ft bgs):	Remarks:								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
2/24/16	12:20	41.80	—	—	—	4.99	0.113	169.0	45.79	29.8	12.24	NA	
	12:25	43.19	1.39	1.0	0.2	4.92	0.113	175.6	61.91	29.2	12.98	"	
	12:30	43.37	1.57	2.0	0.2	4.97	0.114	179.1	141.4	30.0	13.96	"	
	12:35	43.45	1.65	2.5	0.1	4.99	0.114	181.3	130.8	29.2	14.25	"	
	12:40	43.45	1.65	2.75	0.05	4.88	0.114	182.5	141.7	28.8	14.27	"	
	12:45	43.40	1.60	3.0	0.05	4.90	0.114	183.4	149.6	27.5	14.52	"	have to increase pump
	12:50	43.31	1.51	3.25	0.05	4.92	0.113	184.7	151.4	26.7	14.46	"	
	12:56	SAMPLE											

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

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
MW-5 / 12:55 Ferrous Iron: 0 mg/L	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	PUMP	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y	↓	Natural Attenuation Parameters
	2 40mL glass VOA vials	1:1 HCl + 4°C	N	↓	Diss. CH4 RSK 135

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: MW-6	Date: 2/22/16								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: DG Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.								
	PID Type/ID #: NA										
WELL INFO	Casing I.D. (in) [a]: 2.0*	Water Column Thickness (ft) [d-c]: 16.95	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.16	Well Volume (gal) [(d-c) x b]: (2.71) x 3 = 8.1	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 55.98	Screened Interval (ft TOC): 43-73	Ground Condition of Well:								
	Total Well Depth (ft) [d]: 72.93	Pump depth (ft TOC): NA Pump depth (ft bgs): NA	Remarks:								
CASING INFO	Casing I.D. (in) [a]: 2.0	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]: 0.16	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.)
2/22/16	11:40	55.98	—	—	—	—	—	NA	—	—	—	NA	Started bailing sampled.
2/22/16	12:50	NR	NA	8.1	NR	—	—	"	—	—	—	"	
								"				"	
								"				"	
								"				"	
								"				"	
								"				"	
								"				"	

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

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
MW-6 4/22/16 12:50	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	Bailer	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y	Bailer	Natural Attenuation Parameters
Ferrous Iron: 0 mg/L					

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: MW-7A	Date: 2/25/16								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: DG Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.								
	PID Type/ID #: NA										
WELL INFO	Casing I.D. (in) [a]: 4.0	Water Column Thickness (ft) [d-c]: 82.87	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.65	Well Volume (gal) {[d-c] x b}: 53.9(x 3) = 161.6	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 62.52	Screened Interval (ft TOC): 125-145'	Ground Condition of Well:								
	Total Well Depth (ft) [d]: 145.39	Pump depth (ft, TOC): 135' Pump depth (ft bgs):	Remarks:								
CASING INFO	Casing I.D. (in) [a]: 4.0	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]: 0.65	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.)
2/25/16	13:40	62.52	—	—	—	5.45	0.337	277.4	6.60	17.2	10.57	NA	
	13:45	62.55	0.03	0.5	0.1	5.39	0.375	256.1	5.10	6.0	11.36	"	
	13:50	62.56	0.04	0.75	0.1	5.35	0.389	247.6	2.69	4.6	11.64	"	
	13:55	62.56	0.04	1.25	0.1	5.38	0.392	241.3	2.34	4.1	12.07	"	
	14:00	62.56	0.04	1.75	0.1	5.36	0.390	237.1	1.19	3.8	12.21	"	
	14:05	62.56	0.04	2.5	0.15	5.36	0.392	233.5	0.75	3.5	12.37	"	
	14:10	62.56	0.04	3.5	0.20	5.36	0.393	230.0	0.91	3.4	12.46	"	
	14:15	62.56	0.04	4.0	0.1	5.37	0.392	228.2	2.17	3.4	12.53	"	

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

* 14:20 SAMPLED

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
MW-7A / 14:20 Ferrous Iron: 0	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	PUMP	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y	↓	Natural Attenuation Parameters
	2 40 mL glass VOA vials	1:1 HCl + 4°C	N	↓	

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: MW-7B	Date: 2/25/16								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: DH Checked By:								
<i>HF Scientific/Micro TUV</i>											
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e- Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.								
	PID Type/ID #: NA										
WELL INFO	Casing I.D. (in) [a]: 4"	Water Column Thickness (ft) [d-c]: 222.38'	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.65	Well Volume (gal) {[d-c] x b}: 144.5	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 63.72	Screened Interval (ft TOC): 223-283'	Ground Condition of Well:								
	Total Well Depth (ft) [d]: 286.10'	Pump depth (ft TOC): 149' Pump depth (ft bgs):	Remarks:								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
2/25/16	12:15	—	—	—	—	5.60	0.165	238.3	19.18	61.3	10.78	NA	clear ↓
	12:20	64.45	0.73	0.5	0.1	5.37	0.163	224.3	20.27	61.0	11.27	"	
	12:25	64.85	1.13	1.0	0.1	5.33	0.163	218.0	18.97	60.4	11.68	"	
	12:30	65.12	1.40	1.5	0.1	5.32	0.163	215.2	14.70	58.2	11.57	"	
	12:35	65.29	1.57	2.0	0.1	5.29	0.163	214.3	13.92	55.9	11.43	"	
	12:40	65.37	1.65	2.75	0.15	5.28	0.164	213.9	12.71	54.2	11.35	"	
	12:45	65.38	1.66	3.0	0.05	5.29	0.164	213.1	9.62	54.1	11.28	"	
	12:50	65.38	1.66	3.5	0.1	5.29	0.166	212.2	13.09	54.0	11.16	"	

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

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
MW-7B 2/25/16 Percuss Iron: 0 mg/L	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	pump	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y	pump	Natural Attenuation Parameters
	2 40 mL glass VOA vials	1:1 HCl + 4°C	N	pump	Diss. CH ₄ RSK 175

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: MW-7R	Date: 2/26/16								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: DG	Checked By:							
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e		Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.							
	PID Type/ID #: NA	Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing									
WELL INFO	Casing I.D. (in) [a]: 4.0	Water Column Thickness (ft) [d-c]: 39.16	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.65	Well Volume (gal) [(d-c) x b]: 25.5(x3 = 76.4)	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 61.19	Screened Interval (ft TOC): 45-100	Ground Condition of Well:								
	Total Well Depth (ft) [d]: 100.35	Pump depth (ft TOC): 90' Pump depth (ft bgs):	Remarks:								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
2/26/16	7:50	61.19	—	—	—	5.71	0.205	234.4	11.36	91.0	12.19	NA	
	7:55	61.26	0.07	1.5	0.3	5.76	0.206	229.3	6.28	78.1	13.05	"	
	8:00	61.28	0.09	2.5	0.2	5.27	0.202	227.6	4.44	62.6	13.50	"	
	8:05	61.28	0.09	3.75	0.16	5.23	0.201	225.5	4.95	59.6	13.20	"	
	8:10	61.26	0.07	4.50	0.16	5.19	0.200	225.2	4.41	56.7	13.25	"	
	8:15	61.27	0.08	5.5	0.2	5.18	0.199	223.3	5.53	50.9	13.17	"	
	8:20	61.28	0.09	6.5	0.2	5.20	0.199	221.2	4.98	47.1	13.45	"	
	8:25	61.28	0.09	8.0	0.3	5.20	0.200	220.1	8.20	46.3	13.43	"	

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 / 8:40 Ferrous Iron = ✓	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	PLMP	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y	PLMP	Natural Attenuation Parameters
	2 40 mL glass WA vials	1:1 HCl + 4°C	N	PLMP	Diss CH ₄ BSK 175

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: <u>Lot 4 well</u>	Date: <u>2/23/16</u>								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: <u>DG</u> Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.								
	PID Type/ID #: NA										
WELL INFO	Casing I.D. (in) [a]: <u>6'</u>	Water Column Thickness (ft) [d-c]: <u>71.44</u>	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: <u>1.5</u>	Well Volume (gal) [(d-c) x b]: <u>1071 x 3 = 321.5</u>	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: <u>51.81'</u>	Screened Interval (ft TOC): <u>20-120</u>	Ground Condition of Well: <u>good</u>								
	Total Well Depth (ft) [d]: <u>123.25'</u>	Pump depth (ft TOC): <u>91'</u> Pump depth (ft bgs):	Remarks:								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
<u>9-23/16</u>	<u>9:30</u>							NA	<u>4.98</u>			NA	
	<u>9:35</u>	<u>52.35</u>		<u>2.0</u>		<u>6.40</u>	<u>0.616</u>	<u>118.9</u>	<u>5.54</u>	<u>103.13</u>	<u>12.88</u>	"	<u>clear</u>
	<u>9:40</u>	<u>52.25</u>		<u>2.5</u>		<u>6.27</u>	<u>0.621</u>	<u>120.0</u>	<u>4.86</u>	<u>74.4</u>	<u>12.57</u>	"	<u>1</u>
	<u>9:45</u>	<u>52.21</u>		<u>2.75</u>		<u>6.22</u>	<u>0.616</u>	<u>122.7</u>	<u>6.11</u>	<u>73.0</u>	<u>12.32</u>	"	
	<u>9:50</u>	<u>52.20</u>		<u>3.0</u>		<u>6.16</u>	<u>0.615</u>	<u>124.2</u>	<u>5.28</u>	<u>61.0</u>	<u>12.13</u>	"	
	<u>9:55</u>	<u>52.20</u>		<u>3.5</u>		<u>6.12</u>	<u>0.613</u>	<u>125.1</u>	<u>4.07</u>	<u>61.9</u>	<u>12.20</u>	"	
	<u>10:00</u>	<u>52.19</u>		<u>4.0</u>		<u>6.07</u>	<u>0.613</u>	<u>127.1</u>	<u>5.34</u>	<u>58.9</u>	<u>12.20</u>	"	
	<u>10:05</u>	<u>52.16</u>		<u>4.25</u>		<u>6.03</u>	<u>0.613</u>	<u>129.8</u>	<u>4.86</u>	<u>56.30</u>	<u>12.13</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 4 well / 10:30</u> <u>Ferrous Iron : 0.25 mg/L</u> <u>(slight orange discoloration observed)</u>	<u>3 40 mL glass VOA vials</u>	<u>1:1 HCl + 4°C</u>	<u>N</u>	<u>PUMP</u> <u>↓</u>	<u>VOCs (incl MTBE + oxy's)</u>
	<u>1 250 mL plastic bottle</u>	<u>4°C</u>	<u>Y</u>		<u>Natural Attenuation Parameters</u>
	<u>2 40 mL glass VOA vials</u>	<u>1:1 HCl + 4°C</u>	<u>N</u>		

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: Lot 7 Well	Date: 2/26/16								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: DG Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: YSI 556 water quality meter, LaMotte 2020e									
	PID Type/ID #: NA	Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing									
Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.											
WELL INFO	Casing I.D. (in) [a]: 6.0	Water Column Thickness (ft) [d-c]: 90.49	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 1.5	Well Volume (gal) {[d-c] x b}: 135.7 (x3 = 407.2)	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 42.51	Screened Interval (ft-TOC): 111 21-133	Ground Condition of Well:								
	Total Well Depth (ft) [d]: 133	Pump depth (ft TOC): 90' Pump depth (ft bgs):	Remarks:								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
2/26/16	12:15	42.51	—	—	—	6.53	0.304	228.1	8.79	108.4	10.96	NA	clear ↓
	12:20	43.02	0.51	0.5	0.1	5.57	0.581	228.0	7.70	18.9	11.98	"	
	12:25	43.10	0.59	1.0	0.1	5.49	0.543	223.1	8.67	11.5	12.92	"	
	12:30	43.13	0.62	1.75	0.15	5.48	0.541	220.0	7.17	8.1	12.89	"	
	12:35	43.16	0.65	2.75	0.2	5.46	0.540	216.7	6.43	5.5	12.82	"	
	12:40	43.17	0.66	3.50	0.15	5.53	0.536	214.0	5.04	4.4	12.61	"	
	12:45	43.19	0.68	4.25	0.15	5.48	0.536	211.3	4.68	4.0	12.73	"	
	12:50	43.20	0.69	5.0	0.15	5.45	0.534	210.4	6.27	3.7	12.67	"	

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

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
Lot 7 well / 2/26/16 / 13:15 Ferrous Iron = 0 mg/L GDG-DUPE - 2/26/16 00:00	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	Pump	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y	Pump	Natural Attenuation Parameters
	2 40 mL glass VOA vials	1:1 HCl + 4°C	N	Pump	Diss CH4 RSM 175

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: <u>Sentinel Well</u>	Date: <u>2/23/16</u>								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: <u>DH</u> Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: YSI 556 water quality meter, <u>LaMotte 2020e</u>	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.								
	PID Type/ID #: NA	Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing									
WELL INFO	Casing I.D. (in) [a]: <u>6"</u>	Water Column Thickness (ft) [d-c]: <u>28.41</u>	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: <u>1.5'</u>	Well Volume (gal) [(d-c) x b]: <u>42.62</u>	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: <u>44.17'</u>	Screened Interval (ft TOC): <u>47-70'</u>	Ground Condition of Well: <u>good</u>								
	Total Well Depth (ft) [d]: <u>72.58</u>	Pump depth (ft TOC): <u>61'</u> Pump depth (ft bgs): <u>61'</u>	Remarks: <u>stickup 1.65'</u>								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
<u>2/23/16</u>	<u>10:05</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>6.89</u>	<u>0.159</u>	<u>144.6</u>	<u>18.59</u>	<u>93.2</u>	<u>10.89</u>	<u>NA</u>	<u>clear</u>
	<u>11:10</u>	<u>44.20</u>	<u>0.03</u>	<u>1.0</u>	<u>0.2</u>	<u>5.93</u>	<u>0.161</u>	<u>148.3</u>	<u>12.22</u>	<u>56.2</u>	<u>12.03</u>	"	↓
	<u>11:15</u>	<u>44.19</u>	<u>0.02</u>	<u>1.5</u>	<u>0.1</u>	<u>5.65</u>	<u>0.162</u>	<u>152.2</u>	<u>11.84</u>	<u>59.2</u>	<u>12.70</u>	"	
	<u>11:20</u>	<u>44.19</u>	<u>0.02</u>	<u>2.0</u>	<u>0.1</u>	<u>5.57</u>	<u>0.163</u>	<u>154.1</u>	<u>11.40</u>	<u>59.7</u>	<u>12.68</u>	"	
	<u>11:23</u>	<u>44.21</u>	<u>0.04</u>	<u>3.25</u>	<u>0.25</u>	<u>5.52</u>	<u>0.165</u>	<u>154.9</u>	<u>14.00</u>	<u>51.5</u>	<u>13.00</u>	"	
	<u>11:30</u>	<u>44.22</u>	<u>0.05</u>	<u>4.5</u>	<u>0.25</u>	<u>5.48</u>	<u>0.166</u>	<u>155.4</u>	<u>10.67</u>	<u>48.7</u>	<u>12.77</u>	"	
	<u>11:35</u>	<u>44.23</u>	<u>0.06</u>	<u>5.5</u>	<u>0.20</u>	<u>5.46</u>	<u>0.165</u>	<u>155.6</u>	<u>11.16</u>	<u>47.3</u>	<u>12.64</u>	"	
	<u>11:40</u>	<u>44.23</u>	<u>0.06</u>	<u>6.5</u>	<u>0.20</u>	<u>5.45</u>	<u>0.168</u>	<u>156.2</u>	<u>8.44</u>	<u>46.6</u>	<u>12.80</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>Sentinel well # 2/23/16 11:45</u>	<u>3 40 mL glass VOA vials</u>	<u>1:1 HCl + 4°C</u>	<u>N</u>	<u>pump</u>	<u>VOCs (incl MTBE + oxy's)</u>
	<u>1 250 mL plastic bottle</u>	<u>4°C</u>	<u>Y</u>	<u>pump</u>	<u>Natural Attenuation Parameters</u>
	<u>2 40 mL glass DVA vials</u>	<u>1:1 HCl + 4°C</u>	<u>N</u>	<u>pump</u>	<u>CH₄ RSK 175</u>
<u>Ferrous Iron: 0 mg/L</u>					

ATTACHMENT A-4

**GROUNDWATER SAMPLING LOGS
JUNE 2016 SAMPLING EVENT**

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas			LocID: H-1A			Date: 6/14/16						
	Project Name: Victoria Farms - George's Deli & Gas			Project #: CG-08-0348			Recorded By: M13 Checked By:						
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101			Sampling Equipment: HF Scientific Micro TPW, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing			Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.						
	PID Type/ID #: NA												
WELL INFO	Casing I.D. (in) [a]: 6"			Water Column Thickness (ft) [d-c]: 10.55			Ambient PID (ppm): NA						
	Unit Casing Volume (gal/lin ft) [b]: 1.5			Well Volume (gal) [(d-c) x b]: 15.8 (10.55 x 1.5)			Well Mouth PID (ppm): NA						
	Initial Depth to Water (ft) [c]: 56.73			Screened Interval (ft TOC): 25-65			Ground Condition of Well: OK						
	Total Well Depth (ft) [d]: 66.28'			Pump depth (ft TOC): 61' Pump depth (ft bgs):			Remarks: 5.375" (0.45') sticky						
CASING INFO	Casing I.D. (in) [a]:			1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:			0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
06/14/16	11:07	55.73	0	0	0.1	—	—	—	49.45	—	—	NA	sl. cloudy
	11:10	55.91	0.18	0.5	0.1	5.60	0.313	182.5	29.88	16.1	16.70	NA	v. sl. cloudy
	11:15	56.32	0.41	1.5	0.2	5.59	0.312	181.5	21.62	12.7	16.72	NA	clear
	11:20	56.70	0.38	2.5	0.2	5.53	0.311	180.1	20.52	11.8	16.75	NA	
	11:25	57.31	0.61	3.5	0.2	5.52	0.312	179.8	18.26	11.0	16.84	NA	
	11:30	57.33	0.02	4.25	0.15	5.52	0.311	179.6	18.01	10.3	17.31	NA	
	11:35	57.32	-0.01	5.0	0.15	5.54	0.312	178.6	15.32	10.2	17.61	NA	
	11:40	57.08	-0.24	5.5	0.1	5.54	0.312	178.8	14.34	10.1	17.70	NA	✓ ↑ Hz

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 6/14/16 11:50 Ferrous Iron ϕ mg/L	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	Pump	VOCs (incl MTBE + oxy's)
	2 X 250 mL plastic bottles	4°C	Y	Pump	Natural Attenuation Parameters
	2 1 250 mL plastic bottle	1:1 HCl + 4°C	N	Pump	Dissolved CH ₄ via RSK 175

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: H-3	Date: 6/13/16								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: <i>MLS</i> Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.								
	PID Type/ID #: NA										
WELL INFO	Casing I.D. (in) [a]: 4.0	Water Column Thickness (ft) [d-c]: 11.39	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.65	Well Volume (gal) {[d-c] x b}: 7.40	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 45.03	Screened Interval (ft TOC): 38-58'	Ground Condition of Well: <i>Old bolts rusted</i>								
	Total Well Depth (ft) [d]: 56.42'	Pump depth (ft TOC): 51' Pump depth (ft bgs): 51.34'	Remarks: <i>Flushmount - 0.34 #85 to TOC</i>								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
6/13/16	14:50	—	—	—	—	6.12	0.515	153.2	17.10	100.2	17.29	NA	↓
	14:55	45.10	0.07	0.75	0.15	5.52	0.527	165.5	11.21	46.6	18.03	NA	
	15:00	45.10	0	1.25	0.1	5.44	0.529	168.0	8.43	44.3	18.63	NA	
	15:05	45.10	0	2.00	0.15	5.39	0.513	173.0	8.48	41.2	18.55	NA	
	15:16	45.10	0	2.50	0.1	5.39	0.502	177.4	6.82	41.2	18.46	NA	
	15:15	45.10	0	3.25	0.15	5.37	0.498	179.5	7.69	41.5	18.45	NA	
	15:20	45.10	0	4.00	0.15	5.36	0.495	180.7	5.73	40.5	18.50	NA	
	15:25	45.10	0	4.75	0.15	5.36	0.491	182.7	6.27	38.4	18.44	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

0.015

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
H-3 6/13/16 15:30 Ferrous Iron: ϕ mg/L	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	Pump	VOCs (incl MTBE + oxy's)
	2 250 mL plastic bottle	4°C	Y	Pump	Natural Attenuation Parameters
	4 250 mL plastic bottle 240 mL WWS	1:1 HCl + 4°C	N	Pump	Dissolved CH ₄ via RSK 175

George Ader Sr died wife + son still alive Executor died

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: <u>H-4A</u>	Date: <u>6/14/16</u>								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: <u>DH</u> Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.								
	PID Type/ID #: NA										
WELL INFO	Casing I.D. (in) [a]: <u>4"</u>	Water Column Thickness (ft) [d-c]: <u>36.85</u>	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: <u>0.65</u>	Well Volume (gal) [(d-c) x b]: <u>23.95</u>	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: <u>49.99</u>	Screened Interval (ft TOC): <u>47-87</u>	Ground Condition of Well: <u>dd</u>								
	Total Well Depth (ft) [d]: <u>86.84'</u>	Pump depth (ft TOC): <u>69'</u> Pump depth (ft bgs):	Remarks:								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
<u>6/14/16</u>	<u>9:55</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>6.25</u>	<u>0.625</u>	<u>154.3</u>		<u>75.2</u>	<u>14.90</u>	NA	<u>clear</u>
	<u>10:00</u>	<u>50.20</u>	<u>0.21</u>	<u>0.5</u>	<u>0.1</u>	<u>4.71</u>	<u>0.624</u>	<u>216.0</u>	<u>23.11</u>	<u>40.6</u>	<u>15.50</u>	NA	
	<u>10:05</u>	<u>50.21</u>	<u>0.22</u>	<u>1.0</u>	<u>0.1</u>	<u>4.76</u>	<u>0.626</u>	<u>211.0</u>	<u>13.93</u>	<u>39.3</u>	<u>16.15</u>	NA	<u>↑ pump rate</u>
	<u>10:10</u>	<u>50.21</u>	<u>0.22</u>	<u>1.75</u>	<u>0.15</u>	<u>5.05</u>	<u>0.631</u>	<u>193.6</u>	<u>15.01</u>	<u>36.4</u>	<u>16.62</u>	NA	
	<u>10:15</u>	<u>50.24</u>	<u>0.25</u>	<u>2.75</u>	<u>0.20</u>	<u>5.15</u>	<u>0.630</u>	<u>190.6</u>	<u>12.59</u>	<u>34.2</u>	<u>16.64</u>	NA	<u>↑ pump rate</u>
	<u>10:20</u>	<u>50.75</u>	<u>0.76</u>	<u>3.5</u>	<u>0.15</u>	<u>5.20</u>	<u>0.630</u>	<u>190.3</u>	<u>11.16</u>	<u>33.6</u>	<u>17.01</u>	NA	<u>↑ pump rate</u>
	<u>16:25</u>	<u>50.97</u>	<u>0.98</u>	<u>4.25</u>	<u>0.15</u>	<u>5.25</u>	<u>0.632</u>	<u>189.8</u>	<u>11.44</u>	<u>33.2</u>	<u>17.09</u>	NA	
<u>✓</u>	<u>10:30</u>	<u>51.34</u>	<u>1.35</u>	<u>4.75</u>	<u>0.1</u>	<u>5.28</u>	<u>0.633</u>	<u>189.8</u>	<u>10.68</u>	<u>31.5</u>	<u>17.42</u>	NA	<u>sample</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>H-4A 6/14/16 10:30</u> <u>Ferric Iron: 0 mg/L</u>	<u>3 40 mL glass VOA vials</u>	<u>1:1 HCl + 4°C</u>	<u>N</u>	<u>Pump</u>	<u>VOCs (incl MTBE + oxy's)</u>
	<u>2 250 mL plastic bottle</u>	<u>4°C</u>	<u>Y</u>	<u>Pump</u>	<u>Natural Attenuation Parameters</u>
	<u>1 250 mL plastic bottle 2 40 mL vials</u>	<u>1:1 HCl + 4°C</u>	<u>N</u>	<u>Pump</u>	<u>Dissolved CH₄ via RSK 175</u>

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: <u>H-6</u>	Date: <u>6/14/16</u>								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: <u>DH</u> Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing									
	PID Type/ID #: NA	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.									
WELL INFO	Casing I.D. (in) [a]: <u>4"</u>	Water Column Thickness (ft) [d-c]: <u>17.22</u>	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: <u>0.65</u>	Well Volume (gal) {[d-c] x b}: <u>11.19 x 3 = 33.58</u>	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: <u>58.91</u>	Screened Interval (ft TOC):	Ground Condition of Well:								
	Total Well Depth (ft) [d]: <u>70.13'</u>	Pump depth (ft TOC): <u>62'</u> Pump depth (ft bgs):	Remarks: <u>gravel</u>								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
↓	<u>6/14/16</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>6.43</u>	<u>-132.1</u>	<u>0.270</u>	<u>—</u>	<u>207.2</u>	<u>15.60</u>	NA	<u>clear</u>
	<u>12:28</u>	<u>—</u>	<u>—</u>	<u>0.25</u>	<u>0.05</u>	<u>6.23</u>	<u>-131.1</u>	<u>0.268</u>	<u>25.68</u>	<u>59.3</u>	<u>15.53</u>	NA	
	<u>12:35</u>	<u>54.24</u>	<u>1.33</u>	<u>0.5</u>	<u>0.05</u>	<u>6.08</u>	<u>-118.0</u>	<u>0.259</u>	<u>13.83</u>	<u>16.8</u>	<u>17.07</u>	NA	<u>seeps dr</u>
	<u>12:40</u>	<u>54.41</u>	<u>1.50</u>	<u>1.25</u>	<u>0.15</u>	<u>6.12</u>	<u>-129.2</u>	<u>0.266</u>	<u>30.24</u>	<u>10.5</u>	<u>17.92</u>	NA	
	<u>12:45</u>	<u>—</u>	<u>—</u>	<u>1.5</u>	<u>0.05</u>	<u>6.14</u>	<u>-128.3</u>	<u>0.266</u>	<u>—</u>	<u>6.8</u>	<u>19.25</u>	NA	<u>↑ pump rate</u>
	<u>12:50</u>	<u>54.44</u>	<u>1.53</u>	<u>2.0</u>	<u>0.10</u>	<u>6.28</u>	<u>-105.0</u>	<u>0.273</u>	<u>17.50</u>	<u>28.1</u>	<u>18.20</u>	NA	<u>turned off pump</u>
	<u>12:55</u>	<u>54.85</u>	<u>1.94</u>	<u>2.75</u>	<u>0.15</u>	<u>6.14</u>	<u>-116.0</u>	<u>0.268</u>	<u>13.05</u>	<u>4.4</u>	<u>18.25</u>	NA	<u>67C NO flow</u>
	<u>13:00</u>	<u>55.18</u>	<u>2.27</u>	<u>3.75</u>	<u>0.20</u>	<u>6.13</u>	<u>-123.6</u>	<u>0.264</u>	<u>13.47</u>	<u>3.9</u>	<u>18.47</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>H-6 6/14/16 13:30</u> <u>Ferrrous Iron: 0 mg/L</u>	<u>3 40 mL glass VOA vials</u>	<u>1:1 HCl + 4°C</u>	<u>N</u>	<u>Pump</u>	<u>VOCs (incl MTBE + oxy's)</u>
	<u>2 250 mL plastic bottle</u>	<u>4°C</u>	<u>Y</u>	<u>Pump</u>	<u>Natural Attenuation Parameters</u>
	<u>1 250 mL plastic bottle</u> <u>240 mL</u>	<u>1:1 HCl + 4°C</u>	<u>N</u>	<u>Pump</u>	<u>Dissolved CH₄ via RSK 175</u>
	<u>VOAS</u>				

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: MW-1	Date: 6/15/16								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: DH Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.								
	PID Type/ID #: NA										
WELL INFO	Casing I.D. (in) [a]: 2.0	Water Column Thickness (ft) [d-c]: 24.25	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.16	Well Volume (gal) {[d-c] x b}: 3.88 x 3 11.64	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 60.24'	Screened Interval (ft TOC): unknown	Ground Condition of Well:								
	Total Well Depth (ft) [d]: 84.49'	Pump depth (ft TOC): 72' Pump depth (ft bgs):	Remarks:								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
6/15/16	13:00	61.00	0.78	—	—	5.46	0.353	179.8	490.2	20.5	15.36	NA	murky
	13:05	61.02	0.78	1.5	0.3	5.30	0.324	185.9	196.8	15.0	16.33	NA	
	13:10	60.98	0.74	2.5	0.2	5.29	0.335	181.8	132.5	9.6	16.83	NA	lowered pump rate
	13:15	60.95	0.71	4.0	0.3	5.30	0.341	180.2	75.16	7.4	16.80	NA	cloudy
	13:20	60.90	0.66	5.0	0.2	5.30	0.347	177.8	127.7	5.6	17.17	NA	
	13:25	60.88	0.64	5.5	0.1	5.30	0.350	175.7	265.1	4.9	17.60	NA	
	13:30	60.87	0.63	6.0	0.1	5.31	0.351	174.1	195.7	4.7	17.77	NA	
	13:35	60.87	0.63	7.0	0.2	5.30	0.350	173.1	135.60	4.3	18.23	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)
6/15/16 13:50 MW-1 Fe ²⁺ : 0 mg/L	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	Pump	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y	Pump	Natural Attenuation Parameters
	2 40 mL glass VOA vials	1:1 HCl + 4°C	N	Pump	Dissolved CH ₄ via RSK 175

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: MW-1A	Date: 06/15/16								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: MJS Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing									
	PID Type/ID #: NA	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.									
WELL INFO	Casing I.D. (in) [a]: 4	Water Column Thickness (ft) [d-c]: 82.53	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.65	Well Volume (gal) [(d-c) x b]: 53.64 (X3=160.9)	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 60.79	Screened Interval (ft TOC): 105-145'	Ground Condition of Well: OK-old-no bolts								
	Total Well Depth (ft) [d]: 143.32'	Pump depth (ft TOC): 102' Pump depth (ft bgs): 101.52'	Remarks: Flushmount TEC=0.49 #66								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
06/15/16	14:17	60.79	0	0	0.10	—	—	—	—	—	—	NA	Clear
	14:20	—	—	0.2	0.06	5.46	0.461	169.2	28.42	28.9	14.93	NA	
	14:25	61.67	0.88	0.5	0.06	5.90	0.465	169.5	20.49	13.5	15.62	NA	
	14:30	61.77	0.10	1.25	0.15	5.41	0.469	168.3	13.24	12.0	15.70	NA	
	14:35	61.80	0.03	2	0.15	5.42	0.473	166.6	14.76	7.7	15.80	NA	
	14:40	61.79	-0.01	3	0.20	5.42	0.476	165.1	6.81	5.6	15.91	NA	
	14:45	61.77	-0.02	4	0.20	5.43	0.478	164.0	6.45	4.5	16.14	NA	
✓	14:50	61.67	-0.10	4.5	0.10	5.44	0.479	162.5	7.48	3.9	16.23	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
0.014

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
MW-1A 6/15/16 15:05 Ferrous Iron 0 mg/L	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	Pump	VOCs (incl MTBE + oxy's)
	2 X 250 mL plastic bottle	4°C	Y	Pump	Natural Attenuation Parameters
	2 40 mL glass VOA vials	1:1 HCl + 4°C	N	Pump	Dissolved CH ₄ via RSK 175

Mark, Baby, + Buster stopped by 14:20

5 13/16" 7"

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: MW-2	Date: 06/15/2016								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: MIS Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing									
	PID Type/ID #: NA	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.									
WELL INFO	Casing I.D. (in) [a]: 2	Water Column Thickness (ft) [d-c]: 28.24	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.16	Well Volume (gal) {[d-c] x b}: 4.52 (x3=13.56)	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 56.56	Screened Interval (ft TOC): Unknown	Ground Condition of Well: OK-old-belts								
	Total Well Depth (ft) [d]: 84.80	Pump depth (ft TOC): 71' Pump depth (ft bgs):	Remarks:								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
06/15/16	11:08	56.56	0	0	0.05	—	—	—	—	—	—	NA	Murky brown
	11:10	—	—	0.1	0.05	5.47	0.690	197.1	667.4	18.1	15.7	NA	
	11:15	58.21	1.65	0.6	0.10	5.37	0.678	189.6	504.4	8.7	16.42	NA	
	11:20	58.43	0.22	1.0	0.08	5.38	0.671	185.9	517.6	7.6	17.02	NA	↑ Hz
	11:25	58.88	0.45	1.75	0.15	5.40	0.659	181.1	472.6	6.7	17.54	NA	Murky
	11:30	59.13	0.25	2.25	0.10	5.44	0.657	177.0	430.9	5.4	18.00	NA	
	11:35	59.33	0.20	3.0	0.15	5.43	0.654	175.3	387.2	5.1	18.10	NA	↑ Hz Cloudy
✓	11:40	59.75	0.42	3.5	0.10	5.43	0.652	174.4	284.1	4.7	18.19	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 6/15/16 12:00 Ferrous iron ϕ mg/L	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	Pump	VOCs (incl MTBE + oxy's)
	2 X 250 mL plastic bottle	4°C	Y	Pump	Natural Attenuation Parameters
	2 40 mL glass VOA vials	1:1 HCl + 4°C	N	Pump	Dissolved CH ₄ via RSK 175

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas			LocID: MW-3			Date: 6/14/16						
	Project Name: Victoria Farms - George's Deli & Gas			Project #: CG-08-0348			Recorded By: MS Checked By:						
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101			Sampling Equipment: HF Scientific Micro TPW, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing			Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.						
	PID Type/ID #: NA			metal									
WELL INFO	Casing I.D. (in) [a]: 2"			Water Column Thickness (ft) [d-c]: 31.96			Ambient PID (ppm): NA						
	Unit Casing Volume (gal/lin ft) [b]: 0.16			Well Volume (gal) {[d-c] x b}: 5.11 (x 3 = 15.34)			Well Mouth PID (ppm): NA						
	Initial Depth to Water (ft) [c]: 45.59			Screened Interval (ft TOC): unknown			Ground Condition of Well: OK, old						
	Total Well Depth (ft) [d]: 77.50'			Pump depth (ft TOC): 67' Pump depth (ft bgs): 67.31'			Remarks: TOC = 0.69 # BG e.25'						
CASING INFO	Casing I.D. (in) [a]:			1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:			0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
06/14/16	14:18	45.51	0	0	0.1	—	—	—	217.7	—	—	NA	Murky/silty ↓ ↓ ↓ ↓ ↓ ↓ ↓
	14:25	47.18	0.72	0.5	0.1	5.48	0.252	133.2	1100+	50.8	16.13	NA	
	14:30	47.35	0.17	1.0	0.1	5.48	0.251	138.8	1100+	44.4	16.96	NA	
	14:35	47.47	0.14	1.5	0.1	5.25	0.250	152.1	573.1	42.4	17.39	NA	
	14:40	47.51	0.02	2.0	0.1	5.35	0.250	152.3	225.3	41.8	17.45	NA	
	14:45	47.54	0.03	2.5	0.1	5.39	0.250	153.2	194.4	41.2	17.54	NA	
	14:50	47.55	0.01	3.0	0.1	5.41	0.249	159.7	211.1	39.7	17.59	NA	
	14:55	47.57	0.03	3.5	0.1	5.38	0.249	162.0	201.1	39.6	17.68	NA	

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

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
MW-3 6/14/16 15:00 Ferrous Iron φ mg/L	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	Pump	VOCs (incl MTBE + oxy's)
	2 250 mL plastic bottle	4°C	Y	Pump	Natural Attenuation Parameters
	1 250 mL plastic bottle - 240 mL VOAS	1:1 HCl + 4°C	N	Pump	Dissolved CH ₄ via RSK 175

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: MW-4	Date: 6/17/16								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: DH Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.								
	PID Type/ID #: NA										
WELL INFO	Casing I.D. (in) [a]: 2"	Water Column Thickness (ft) [d-c]: 5.57	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.16	Well Volume (gal) {[d-c] x b}: 0.89 x 3 = 2.67	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 63.02	Screened Interval (ft TOC):	Ground Condition of Well:								
	Total Well Depth (ft) [d]: 68.59'	Pump depth (ft TOC): N/A Pump depth (ft bgs):	Remarks:								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
6/17/16	10:30	63.02										NA	start bailing
	10:42			1.5								NA	well dry, murky
	12:10											NA	start bailing
	12:20			2.5								NA	dry
	12:35											NA	sample
												NA	
												NA	
												NA	

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

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
MW-4 6/17/16 12:35	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	Bailer	VOCs (incl MTBE + oxy's)

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: <u>MW-5</u>	Date: <u>6/15/16</u>								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: <u>DH</u> Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.								
	PID Type/ID #: NA										
WELL INFO	Casing I.D. (in) [a]: <u>2"</u>	Water Column Thickness (ft) [d-c]: <u>21.05</u>	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/in ft) [b]: <u>0.16</u>	Well Volume (gal) {[d-c] x b}: <u>3.37 x 3 = 10.10</u>	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: <u>50.71'</u>	Screened Interval (ft TOC): <u>42-72</u>	Ground Condition of Well:								
	Total Well Depth (ft) [d]: <u>71.76'</u>	Pump depth (ft TOC): <u>57'</u> Pump depth (ft bgs):	Remarks:								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/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.)
<u>6/15/16</u>	<u>9:48</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	NA	
	<u>9:50</u>	<u>52.91</u>	<u>2.20</u>	<u>0.5</u>	<u>0.1</u>	<u>5.02</u>	<u>0.109</u>	<u>215.2</u>	<u>56.04</u>	<u>46.1</u>	<u>13.49</u>	NA	<u>cloudy</u>
	<u>9:55</u>	<u>53.55</u>	<u>2.84</u>	<u>1.0</u>	<u>0.1</u>	<u>3.85</u>	<u>0.116</u>	<u>271.6</u>	<u>76.62</u>	<u>36.6</u>	<u>15.44</u>	NA	<u>semi clear</u>
	<u>10:00</u>	<u>53.07</u>	<u>2.36</u>	<u>1.75</u>	<u>0.15</u>	<u>4.48</u>	<u>0.112</u>	<u>236.0</u>	<u>52.03</u>	<u>31.2</u>	<u>16.27</u>	NA	<u>↑ pump rate</u>
	<u>10:05</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	NA	<u>turned off pump bc no flow, turned pump to 6l. 5'</u>
	<u>10:10</u>	<u>53.75</u>	<u>3.04</u>	<u>2.5</u>	<u>0.15</u>	<u>4.64</u>	<u>0.063</u>	<u>229.0</u>	<u>244.2</u>	<u>27.8</u>	<u>14.05</u>	NA	
	<u>10:15</u>	<u>54.75</u>	<u>4.04</u>	<u>3.5</u>	<u>0.2</u>	<u>4.73</u>	<u>0.062</u>	<u>224.7</u>	<u>67.31</u>	<u>27.5</u>	<u>16.18</u>	NA	
	<u>10:20</u>	<u>55.05</u>	<u>4.34</u>	<u>4.5</u>	<u>0.2</u>	<u>4.76</u>	<u>0.065</u>	<u>226.5</u>	<u>87.66</u>	<u>27.6</u>	<u>16.39</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>MW-5 6/15/16 10:30</u> <u>Fe²⁺: ∅ mg/L</u>	<u>3 40 mL glass VOA vials</u>	<u>1:1 HCl + 4°C</u>	<u>N</u>	<u>Pump</u>	<u>VOCs (incl MTBE + oxy's)</u>
	<u>2 250 mL plastic bottle</u>	<u>4°C</u>	<u>Y</u>	<u>Pump</u>	<u>Natural Attenuation Parameters</u>
	<u>2 40 mL glass VOA vials</u>	<u>1:1 HCl + 4°C</u>	<u>N</u>	<u>Pump</u>	<u>Dissolved CH₄ via RSK 175</u>

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: MW-6	Date: 6/17/16								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: _____ Checked By: _____								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.								
	PID Type/ID #: NA										
WELL INFO	Casing I.D. (in) [a]: 2"	Water Column Thickness (ft) [d-c]: 3.14	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.16	Well Volume (gal) {[d-c] x b}: 0.50 x 3 1.5	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 69.79	Screened Interval (ft TOC):	Ground Condition of Well:								
	Total Well Depth (ft) [d]: 72.93	Pump depth (ft TOC): _____ Pump depth (ft bgs): _____	Remarks:								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
6/17/16	10:55	69.79										NA	start bailing
	11:10			1.25								NA	well dry, murky
	11:40											NA	start bailing
	12:00			1.5								NA	sample, and semi clear
												NA	
												NA	
												NA	

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

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
MW-6 6/17/16 12:00	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	Bailer	VOCs (incl MTBE + oxy's)

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: MW-7A	Date: 6/16/16								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: _____ Checked By: _____								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW, LaMotte 2020e-Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing									
	PID Type/ID #: NA	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.									
WELL INFO	Casing I.D. (in) [a]: 4"	Water Column Thickness (ft) [d-c]: 71.47	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.65	Well Volume (gal) {[d-c] x b}: 46.4603 139.37	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 73.92	Screened Interval (ft TOC): 125-145'	Ground Condition of Well: _____								
	Total Well Depth (ft) [d]: 145.39'	Pump depth (ft TOC): _____ Pump depth (ft bgs): _____	Remarks: _____								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
6/16/16	13:02	73.92	—	—	—	—	—	—	—	—	—	NA	clear
↓	13:05	—	—	—	—	—	—	—	—	—	—	NA	
	13:10	—	—	1.0	0.2	5.50	0.375	199.8	5.83	11.4	14.12	NA	
	13:15	74.00	0.08	1.5	0.1	5.33	0.389	199.9	6.12	7.1	14.22	NA	
	13:20	74.02	0.10	2.0	0.1	5.33	0.386	197.8	6.70	6.6	14.35	NA	
	13:25	74.02	0.10	3.0	0.2	5.31	0.384	196.5	5.83	5.6	14.55	NA	
	13:30	74.01	0.09	4.0	0.2	5.30	0.383	195.9	4.87	5.1	14.76	NA	
	13:35	74.03	0.11	4.75	0.15	5.32	0.386	194.1	6.11	4.3	14.96	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 6/16/16 13:50	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	Pump	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y	Pump	Natural Attenuation Parameters
	2 40 mL glass VOA vials	1:1 HCl + 4°C	N	Pump	Dissolved CH ₄ via RSK 175
Ferric Iron: 0 mg/L					

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: MW-7B	Date: 6/16/16								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: <i>MLS</i> Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.								
	PID Type/ID #: NA										
WELL INFO	Casing I.D. (in) [a]: 4	Water Column Thickness (ft) [d-c]: 211.76	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.65	Well Volume (gal) {[d-c] x b}: 137.7 (x3 = 413)	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 74.24	Screened Interval (ft TOC): 223-283	Ground Condition of Well: Good								
	Total Well Depth (ft) [d]: 286.10	Pump depth (ft TOC): 154' Pump depth (ft bgs): 156.3'	Remarks: pump can't reach screen Dr. chip = 2.3 ft								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
6/16/16	11:32	74.24	0	0	0.08	—	—	—	—	—	—	NA	Clear
	11:35	75.87	1.63	0.25	0.08	5.27	0.182	227.6	21.51	53.8	13.40	NA	
	11:40	77.39	1.52	1.0	0.10	4.99	0.187	250.3	9.05	40.5	13.80	NA	
	11:45	78.42	1.03	2.0	0.20	4.27	0.187	277.3	9.17	37.8	14.35	NA	
	11:50	79.06	0.64	2.5	0.10	4.74	0.188	252.0	8.42	36.8	14.47	NA	
	11:55	79.67	0.61	3.25	0.15	5.06	0.188	236.5	9.00	36.5	14.69	NA	
	12:00	79.95	0.28	3.5	0.05	5.11	0.188	233.2	7.99	36.5	14.92	NA	
✓	12:05	80.12	0.17	4.0	0.1	5.17	0.187	227.5	8.51	35.9	15.43	NA	

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

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
MW-7B 6/16/16 12:30 Ferrous iron 0 mg/L	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	Pump	VOCs (incl MTBE + oxy's)
	2 250 mL plastic bottle	4°C	Y	Pump	Natural Attenuation Parameters
	2 40 mL glass VOA vials	1:1 HCl + 4°C	N	Pump	Dissolved CH ₄ via RSK 175

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: MW-7R	Date: 6/16/16								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: DH Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.								
	PID Type/ID #: NA										
WELL INFO	Casing I.D. (in) [a]: 4"	Water Column Thickness (ft) [d-c]: 26.88	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 0.65	Well Volume (gal) {[d-c] x b}: 17.47 x 3 = 52.42	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 73.47'	Screened Interval (ft TOC): 45-100'	Ground Condition of Well: good								
	Total Well Depth (ft) [d]: 100.35'	Pump depth (ft TOC): 87' Pump depth (ft bgs):	Remarks: 2.25' stick up								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
6/16/16	10:17	—	—	—	—	—	—	—	—	—	—	NA	clear
↓	10:20	73.54	0.07	0.5	0.1	5.43	0.230	203.6	15.01	42.8	14.18	NA	
	10:25	73.55	0.08	1.0	0.1	4.29	0.235	255.2	10.74	35.4	15.67	NA	
	10:30	73.55	0.08	1.5	0.1	4.49	0.236	239.6	7.95	31.1	15.93	NA	
	10:35	73.56	0.09	2.5	0.2	4.77	0.236	226.8	6.99	28.0	15.90	NA	
	10:40	73.58	0.11	3.5	0.2	4.89	0.236	221.9	7.02	27.1	15.95	NA	
	10:45	73.59	0.12	4.5	0.2	4.96	0.235	219.4	5.60	24.2	16.00	NA	
	10:50	73.58	0.11	5.0	0.1	4.99	0.236	219.9	5.61	23.1	15.93	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 6/16/16 11:00 Fe ²⁺ : 0 mg/L	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	Pump	VOCs (incl MTBE + oxy's)
	1 250 mL plastic bottle	4°C	Y	Pump	Natural Attenuation Parameters
	2 40 mL glass VOA vials	1:1 HCl + 4°C	N	Pump	Dissolved CH ₄ via RSK 175

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: <u>Lot 4 Well</u>	Date: <u>06/13/2016</u>								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: <u>MIS</u> Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW, LaMotte 2020e-Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing									
	PID Type/ID #: NA	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.									
WELL INFO	Casing I.D. (in) [a]: <u>6"</u>	Water Column Thickness (ft) [d-c]: <u>62.85</u>	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: <u>1.5</u>	Well Volume (gal) {[d-c] x b}: <u>94.28</u>	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: <u>60.40</u>	Screened Interval (ft TOC): <u>20-120</u>	Ground Condition of Well: <u>Good; tall grass</u>								
	Total Well Depth (ft) [d]: <u>123.25</u>	Pump depth (ft TOC): <u>91</u> Pump depth (ft bgs):	Remarks:								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
<u>06/13/16</u>	<u>1122</u>	<u>60.40</u>	<u>0</u>	<u>0</u>	<u>0.1</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>9.58</u>	<u>—</u>	<u>—</u>	NA	<u>Clear</u>
	<u>1125</u>	<u>60.70</u>	<u>0.30</u>	<u>0.5</u>	<u>0.1</u>	<u>6.36</u>	<u>0.644</u>	<u>101.6</u>	<u>10.33</u>	<u>54.2</u>	<u>13.51</u>	NA	<u>Clear</u>
	<u>1130</u>	<u>60.75</u>	<u>0.05</u>	<u>1</u>	<u>0.1</u>	<u>6.90</u>	<u>0.639</u>	<u>123.7</u>	<u>8.58</u>	<u>53.8</u>	<u>14.31</u>	NA	<u>Clear</u>
	<u>1135</u>	<u>60.78</u>	<u>0.03</u>	<u>1.5</u>	<u>0.1</u>	<u>6.01</u>	<u>0.632</u>	<u>118.0</u>	<u>8.47</u>	<u>52.8</u>	<u>14.59</u>	NA	<u>Clear</u>
	<u>1140</u>	<u>60.79</u>	<u>0.01</u>	<u>2.25</u>	<u>0.15</u>	<u>6.11</u>	<u>0.630</u>	<u>115.4</u>	<u>7.11</u>	<u>52.5</u>	<u>14.60</u>	NA	<u>Clear</u>
	<u>1145</u>	<u>60.79</u>	<u>0</u>	<u>3.25</u>	<u>0.2</u>	<u>6.14</u>	<u>0.626</u>	<u>115.3</u>	<u>7.38</u>	<u>52.1</u>	<u>14.65</u>	NA	<u>Clear</u>
	<u>1150</u>	<u>60.79</u>	<u>0</u>	<u>4</u>	<u>0.15</u>	<u>6.14</u>	<u>0.620</u>	<u>117.0</u>	<u>6.11</u>	<u>51.9</u>	<u>14.69</u>	NA	<u>Clear</u>
<u>✓</u>	<u>1155</u>	<u>60.79</u>	<u>0</u>	<u>4.75</u>	<u>0.15</u>	<u>5.99</u>	<u>0.614</u>	<u>120.8</u>	<u>5.99</u>	<u>52.5</u>	<u>14.71</u>	NA	<u>Clear</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
0.018

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
<u>Lot 4 Well 6/13/16 12:05</u> <u>Ferrous Iron - 0 mg/L</u>	<u>3</u> 40 mL glass VOA vials	<u>1:1 HCl + 4°C</u>	<u>N</u>	<u>Pump</u>	<u>VOCs (incl MTBE + oxy's)</u>
	<u>2</u> 250 mL plastic bottle	<u>4°C</u>	<u>Y</u>	<u>Pump</u>	<u>Natural Attenuation Parameters</u>
	<u>1</u> 250 mL plastic bottle	<u>1:1 HCl + 4°C</u>	<u>N</u>	<u>Pump</u>	<u>Dissolved CH₄ via RSK 175</u>

TB 0740 6/13/16

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas	LocID: Lot 7 Well	Date: 06/16/16								
	Project Name: Victoria Farms - George's Deli & Gas	Project #: CG-08-0348	Recorded By: MJS Checked By:								
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101	Sampling Equipment: HF Scientific Micro TPW LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing	Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.								
	PID Type/ID #: NA										
WELL INFO	Casing I.D. (in) [a]: 6	Water Column Thickness (ft) [d-c]: 70.83	Ambient PID (ppm): NA								
	Unit Casing Volume (gal/lin ft) [b]: 1.5	Well Volume (gal) [(d-c) x b]: 118.3 (x3 = 355)	Well Mouth PID (ppm): NA								
	Initial Depth to Water (ft) [c]: 54.17	Screened Interval (ft TOC): 21-133'	Ground Condition of Well: Good								
	Total Well Depth (ft) [d]: 133.00'	Pump depth (ft TOC): 94' Pump depth (ft bgs): 93.01'	Remarks: Stickup 0.99'								
CASING INFO	Casing I.D. (in) [a]:	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:	0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)
06/16/16	14:20	54.17	0	0	0.13	—	—	—	—	—	—	NA	Clear, odor ↓
	14:30	54.59	0.38	0.25	0.05	5.49	0.513	193.6	8.14	10.1	13.78	NA	
	14:35	54.78	0.23	0.5	0.05	5.48	0.512	192.0	9.56	9.4	13.90	NA	
	14:40	54.85	0.07	1.5	0.2	5.47	0.514	185.5	9.59	7.9	14.15	NA	
	14:45	54.89	0.04	2.5	0.2	5.47	0.515	182.5	8.66	7.0	14.17	NA	
	14:50	54.89	0	4.0	0.3	5.46	0.514	179.0	7.40	4.9	14.28	NA	
	14:55	54.89	0	5.0	0.2	5.46	0.514	176.9	7.73	4.0	14.35	NA	
	15:00	54.88	-0.01	6.0	0.2	5.45	0.513	173.6	6.41	3.5	14.17	NA	

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

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
Lot 7 Well 6/16/16 15:05 and GDG-Dupe duplicate 60500 Ferrous iron = 0 mg/L	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	Pump	VOCs (incl MTBE + oxy's)
	2 X 250 mL plastic bottle	4°C	Y	Pump	Natural Attenuation Parameters
	2 40 mL glass VOA vials	1:1 HCl + 4°C	N	Pump	Dissolved CH ₄ via RSK 175

MONITORING WELL SAMPLE COLLECTION FORM

LOCATION	Site: Victoria Farms - George's Deli & Gas			LocID: <u>Sentinel Well</u>			Date: <u>6/13/16</u>						
	Project Name: Victoria Farms - George's Deli & Gas			Project #: CG-08-0348			Recorded By: <u>DH</u> Checked By:						
EQUIPMENT	Water Level Indicator Type/ID #: Solinst Model 101			Sampling Equipment: HF Scientific Micro TPW, LaMotte 2020e Turbidity meter, Grundfos 2" Rediflo pump w/ controller, and HDPE tubing			Equipment Decon.: 1. Soapy wash, 2. Potable water rinse, 3. Distilled water rinse.						
	PID Type/ID #: NA												
WELL INFO	Casing I.D. (in) [a]: <u>6"</u>			Water Column Thickness (ft) [d-c]: <u>22.59</u>			Ambient PID (ppm): NA						
	Unit Casing Volume (gal/lin ft) [b]: <u>1.5</u>			Well Volume (gal) {[d-c] x b}: <u>33.86</u>			Well Mouth PID (ppm): NA						
	Initial Depth to Water (ft) [c]: <u>50.01'</u>			Screened Interval (ft TOC): <u>47-70'</u>			Ground Condition of Well: <u>good</u>						
	Total Well Depth (ft) [d]: <u>72.58'</u>			Pump depth (ft TOC): <u>61'</u> Pump depth (ft bgs): <u>89.83'</u>			Remarks: <u>stickup 1.65'</u>						
CASING INFO	Casing I.D. (in) [a]:			1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
	Unit Casing Volume (gal/lin ft) [b]:			0.09	0.16	0.20	0.37	0.65	0.75	1.0	1.5	2.0	2.6

Date	Time (24 hr)	Water Level (FTOC)	Draw-down	Volume Removed (Gal)	Pumping Rate (gal/min)	pH	Conductivity (mS/cm)	Redox Potential	Turb. (NTU)	DO (%)	Temp. (C)	Salinity	Remarks (odor, clarity, etc.)	
↓	6/13/16	13:00	50.05	0.04	0.5	0.10	7.77	0.159	129.3	86.23	79.2	14.49	NA	semi cloudy
		13:05	50.05	0.04	0.75	0.05	6.62	0.163	143.0	22.53	56.3	13.21	NA	mostly clear
		13:10	50.05	0.04	1.5	0.15	5.37	0.162	172.5	22.27	52.7	14.79	NA	↓
		13:15	50.05	0.04	2.5	0.20	5.56	0.162	162.8	19.04	52.3	14.80	NA	↓
		13:20	50.05	0.04	3.0	0.10	5.54	0.162	163.6	17.43	52.4	14.78	NA	clear
		13:25	50.05	0.04	3.75	0.15	5.52	0.161	165.8	16.80	52.5	14.81	NA	↓
		13:30	50.05	0.04	4.75	0.10	5.49	0.161	169.0	15.07	52.0	14.88	NA	↓
	13:35	50.05	0.04	5.5	0.15	5.48	0.160	170.8	13.56	51.0	15.00	NA	↓	

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

Sample ID #(s)/Time(s)	No. Containers/Volume/Type	Preserv.	Filter (Y/N)	Pump OR Bailer	Parameter(s)
Sentinel Well 6/13/16 13:50 Ferrous Iron: 0 mg/L	3 40 mL glass VOA vials	1:1 HCl + 4°C	N	Pump	VOCs (incl MTBE + oxy's)
	2 250 mL plastic bottle	4°C	Y	Pump	Natural Attenuation Parameters
	1 250 mL plastic bottle 240 mL VOA's	1:1 HCl + 4°C	N	Pump	Dissolved CH ₄ via RSK 175

ATTACHMENT B-1

**LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY RECORDS
AUGUST AND SEPTEMBER 2015 SAMPLING EVENTS**

13 August 2015

Kevin Howard
Chesapeake GeoSciences, Inc.
5405 Twin Knolls Rd, Suite I
Columbia, MD 21045
RE: LITTLE GEORGE'S DELI (8-1564CL)

Enclosed are the results of analyses for samples received by the laboratory on 08/10/15 15:05.

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

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

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

Sincerely,



Will Brewington
Staff Chemist

Analytical Results

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

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/13/15 11:31

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GAC-MID		5081006-01	Nonpotable Water	08/06/15 14:00	08/10/15 15:05
GAC-EFF		5081006-02	Nonpotable Water	08/06/15 14:05	08/10/15 15:05



Will Brewington, Staff Chemist

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.

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/13/15 11:31

GAC-MID

5081006-01 (Nonpotable Water)

Sample Date: 08/06/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	08/11/15	08/11/15 17:23	WB
tert-Amyl alcohol (TAA)	50.9		ug/L	20.0	20.0	1	08/11/15	08/11/15 17:23	WB
tert-Amyl methyl ether (TAME)	50.3		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
Benzene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
Bromoform	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
Bromomethane	ND		ug/L	5.0	5.0	1	08/11/15	08/11/15 17:23	WB
tert-Butanol (TBA)	743		ug/L	15.0	15.0	1	08/11/15	08/11/15 17:23	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	08/11/15	08/11/15 17:23	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
Chloroethane	ND		ug/L	5.0	5.0	1	08/11/15	08/11/15 17:23	WB
Chloroform	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
Chloromethane	ND		ug/L	5.0	5.0	1	08/11/15	08/11/15 17:23	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/13/15 11:31

GAC-MID

5081006-01 (Nonpotable Water)

Sample Date: 08/06/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	08/11/15	08/11/15 17:23	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
Methyl tert-butyl ether (MTBE)	803		ug/L	25.0	10.0	5	08/11/15	08/11/15 17:57	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	08/11/15	08/11/15 17:23	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	08/11/15	08/11/15 17:23	WB
Naphthalene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
Styrene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
Toluene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/13/15 11:31

GAC-MID

5081006-01 (Nonpotable Water)
Sample Date: 08/06/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
o-Xylene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 17:23	WB
<i>Surrogate: 1,2-Dichloroethane-d4</i>				<i>105 %</i>			<i>08/11/15</i>	<i>08/11/15 17:23</i>	
<i>Surrogate: Toluene-d8</i>				<i>99 %</i>			<i>08/11/15</i>	<i>08/11/15 17:23</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>				<i>91 %</i>			<i>08/11/15</i>	<i>08/11/15 17:23</i>	



Will Brewington, Staff Chemist

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.

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/13/15 11:31

GAC-EFF

5081006-02 (Nonpotable Water)

Sample Date: 08/06/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	08/11/15	08/11/15 18:30	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	08/11/15	08/11/15 18:30	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
Benzene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
Bromoform	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
Bromomethane	ND		ug/L	5.0	5.0	1	08/11/15	08/11/15 18:30	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	08/11/15	08/11/15 18:30	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	08/11/15	08/11/15 18:30	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
Chloroethane	ND		ug/L	5.0	5.0	1	08/11/15	08/11/15 18:30	WB
Chloroform	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
Chloromethane	ND		ug/L	5.0	5.0	1	08/11/15	08/11/15 18:30	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

08/13/15 11:31

GAC-EFF

5081006-02 (Nonpotable Water)

Sample Date: 08/06/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	08/11/15	08/11/15 18:30	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	08/11/15	08/11/15 18:30	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	08/11/15	08/11/15 18:30	WB
Naphthalene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
Styrene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
Toluene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/13/15 11:31

GAC-EFF

5081006-02 (Nonpotable Water)
Sample Date: 08/06/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
o-Xylene	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	08/11/15	08/11/15 18:30	WB
Surrogate: 1,2-Dichloroethane-d4				79.8-114	105 %		08/11/15	08/11/15 18:30	
Surrogate: Toluene-d8				89.9-110	97 %		08/11/15	08/11/15 18:30	
Surrogate: 4-Bromofluorobenzene				79.6-110	90 %		08/11/15	08/11/15 18:30	



Will Brewington, Staff Chemist

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Analytical Results

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

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

08/13/15 11:31

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



Will Brewington, Staff Chemist

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18 August 2015

Kevin Howard
Chesapeake GeoSciences, Inc.
5405 Twin Knolls Rd, Suite I
Columbia, MD 21045
RE: LITTLE GEORGE'S DELI (8-1564CL)

Enclosed are the results of analyses for samples received by the laboratory on 08/12/15 09:44.

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

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

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

Sincerely,



Will Brewington
Staff Chemist

Analytical Results

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

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 16:31

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Lot 4 Well		5081201-01	Nonpotable Water	08/11/15 10:20	08/12/15 09:44
Sentinel Well		5081201-02	Nonpotable Water	08/11/15 13:00	08/12/15 09:44
H-3		5081201-03	Nonpotable Water	08/11/15 15:15	08/12/15 09:44
H4-A		5081201-04	Nonpotable Water	08/11/15 15:15	08/12/15 09:44
MW-3		5081201-05	Nonpotable Water	08/11/15 19:30	08/12/15 09:44



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 16:31

Lot 4 Well

5081201-01 (Nonpotable Water)

Sample Date: 08/11/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 13:59	CMK
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	08/14/15	08/14/15 13:59	CMK
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
Benzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
Bromobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
Bromochloromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
Bromodichloromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
Bromoform	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
Bromomethane	ND		ug/L	5.0	5.0	1	08/14/15	08/14/15 13:59	CMK
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	08/14/15	08/14/15 13:59	CMK
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 13:59	CMK
n-Butylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
Carbon disulfide	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
Chlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
Chloroethane	ND		ug/L	5.0	5.0	1	08/14/15	08/14/15 13:59	CMK
Chloroform	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
Chloromethane	ND		ug/L	5.0	5.0	1	08/14/15	08/14/15 13:59	CMK
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
Dibromochloromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
Dibromomethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 16:31

Lot 4 Well

5081201-01 (Nonpotable Water)

Sample Date: 08/11/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
Ethylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
2-Hexanone	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 13:59	CMK
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 13:59	CMK
Methylene chloride	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 13:59	CMK
Naphthalene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
n-Propylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
Styrene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
Tetrachloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
Toluene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
Trichloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 16:31

Lot 4 Well

5081201-01 (Nonpotable Water)
Sample Date: 08/11/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
o-Xylene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 13:59	CMK
<i>Surrogate: 1,2-Dichloroethane-d4</i>				<i>110 %</i>			<i>08/14/15</i>	<i>08/14/15 13:59</i>	
<i>Surrogate: Toluene-d8</i>				<i>98 %</i>			<i>08/14/15</i>	<i>08/14/15 13:59</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>				<i>87 %</i>			<i>08/14/15</i>	<i>08/14/15 13:59</i>	
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0061	0.0061	1	08/14/15	08/14/15 12:51	CMK



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 16:31

Sentinel Well

5081201-02 (Nonpotable Water)
Sample Date: 08/11/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 14:32	CMK
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	08/14/15	08/14/15 14:32	CMK
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
Benzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
Bromobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
Bromochloromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
Bromodichloromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
Bromoform	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
Bromomethane	ND		ug/L	5.0	5.0	1	08/14/15	08/14/15 14:32	CMK
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	08/14/15	08/14/15 14:32	CMK
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 14:32	CMK
n-Butylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
Carbon disulfide	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
Chlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
Chloroethane	ND		ug/L	5.0	5.0	1	08/14/15	08/14/15 14:32	CMK
Chloroform	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
Chloromethane	ND		ug/L	5.0	5.0	1	08/14/15	08/14/15 14:32	CMK
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
Dibromochloromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
Dibromomethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

08/18/15 16:31

Sentinel Well

5081201-02 (Nonpotable Water)

Sample Date: 08/11/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
Ethylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
2-Hexanone	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 14:32	CMK
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 14:32	CMK
Methylene chloride	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 14:32	CMK
Naphthalene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
n-Propylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
Styrene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
Tetrachloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
Toluene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
Trichloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 16:31

Sentinel Well

5081201-02 (Nonpotable Water)
Sample Date: 08/11/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
o-Xylene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 14:32	CMK
<i>Surrogate: 1,2-Dichloroethane-d4</i>				<i>111 %</i>			<i>08/14/15</i>	<i>08/14/15 14:32</i>	
<i>Surrogate: Toluene-d8</i>				<i>96 %</i>			<i>08/14/15</i>	<i>08/14/15 14:32</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>				<i>87 %</i>			<i>08/14/15</i>	<i>08/14/15 14:32</i>	
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0063	0.0063	1	08/14/15	08/14/15 13:02	CMK



Will Brewington, Staff Chemist

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.

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 16:31

H-3

5081201-03 (Nonpotable Water)

Sample Date: 08/11/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	08/17/15	08/17/15 13:24	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	08/17/15	08/17/15 13:24	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
Benzene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
Bromoform	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
Bromomethane	ND		ug/L	5.0	5.0	1	08/17/15	08/17/15 13:24	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	08/17/15	08/17/15 13:24	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	08/17/15	08/17/15 13:24	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
Chloroethane	ND		ug/L	5.0	5.0	1	08/17/15	08/17/15 13:24	WB
Chloroform	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
Chloromethane	ND		ug/L	5.0	5.0	1	08/17/15	08/17/15 13:24	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 16:31

H-3

5081201-03 (Nonpotable Water)

Sample Date: 08/11/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	08/17/15	08/17/15 13:24	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	08/17/15	08/17/15 13:24	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	08/17/15	08/17/15 13:24	WB
Naphthalene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
Styrene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
Toluene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 16:31

H-3

5081201-03 (Nonpotable Water)
Sample Date: 08/11/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
o-Xylene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 13:24	WB
<i>Surrogate: 1,2-Dichloroethane-d4</i>				<i>110 %</i>			<i>08/17/15</i>	<i>08/17/15 13:24</i>	
<i>Surrogate: Toluene-d8</i>				<i>98 %</i>			<i>08/17/15</i>	<i>08/17/15 13:24</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>				<i>90 %</i>			<i>08/17/15</i>	<i>08/17/15 13:24</i>	
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0056	0.0056	1	08/14/15	08/14/15 13:13	CMK



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 16:31

H4-A

5081201-04 (Nonpotable Water)

Sample Date: 08/11/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 16:45	CMK
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	08/14/15	08/14/15 16:45	CMK
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
Benzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
Bromobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
Bromochloromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
Bromodichloromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
Bromoform	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
Bromomethane	ND		ug/L	5.0	5.0	1	08/14/15	08/14/15 16:45	CMK
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	08/14/15	08/14/15 16:45	CMK
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 16:45	CMK
n-Butylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
Carbon disulfide	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
Chlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
Chloroethane	ND		ug/L	5.0	5.0	1	08/14/15	08/14/15 16:45	CMK
Chloroform	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
Chloromethane	ND		ug/L	5.0	5.0	1	08/14/15	08/14/15 16:45	CMK
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
Dibromochloromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
Dibromomethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

08/18/15 16:31

H4-A

5081201-04 (Nonpotable Water)

Sample Date: 08/11/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
Ethylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
2-Hexanone	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 16:45	CMK
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
Methyl tert-butyl ether (MTBE)	2.9	J	ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 16:45	CMK
Methylene chloride	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 16:45	CMK
Naphthalene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
n-Propylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
Styrene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
Tetrachloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
Toluene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
Trichloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 16:31

H4-A

5081201-04 (Nonpotable Water)
Sample Date: 08/11/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
o-Xylene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 16:45	CMK
<i>Surrogate: 1,2-Dichloroethane-d4</i>				<i>111 %</i>			<i>08/14/15</i>	<i>08/14/15 16:45</i>	
<i>Surrogate: Toluene-d8</i>				<i>96 %</i>			<i>08/14/15</i>	<i>08/14/15 16:45</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>				<i>86 %</i>			<i>08/14/15</i>	<i>08/14/15 16:45</i>	



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 16:31

MW-3

5081201-05 (Nonpotable Water)

Sample Date: 08/11/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 17:18	CMK
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	08/14/15	08/14/15 17:18	CMK
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
Benzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
Bromobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
Bromochloromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
Bromodichloromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
Bromoform	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
Bromomethane	ND		ug/L	5.0	5.0	1	08/14/15	08/14/15 17:18	CMK
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	08/14/15	08/14/15 17:18	CMK
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 17:18	CMK
n-Butylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
Carbon disulfide	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
Chlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
Chloroethane	ND		ug/L	5.0	5.0	1	08/14/15	08/14/15 17:18	CMK
Chloroform	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
Chloromethane	ND		ug/L	5.0	5.0	1	08/14/15	08/14/15 17:18	CMK
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
Dibromochloromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
Dibromomethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 16:31

MW-3

5081201-05 (Nonpotable Water)

Sample Date: 08/11/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
Ethylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
2-Hexanone	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 17:18	CMK
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 17:18	CMK
Methylene chloride	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 17:18	CMK
Naphthalene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
n-Propylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
Styrene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
Tetrachloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
Toluene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
Trichloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 16:31

MW-3

5081201-05 (Nonpotable Water)
Sample Date: 08/11/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
o-Xylene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 17:18	CMK
Surrogate: 1,2-Dichloroethane-d4				79.8-114	109 %		08/14/15	08/14/15 17:18	
Surrogate: Toluene-d8				89.9-110	97 %		08/14/15	08/14/15 17:18	
Surrogate: 4-Bromofluorobenzene				79.6-110	87 %		08/14/15	08/14/15 17:18	
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0061	0.0061	1	08/14/15	08/14/15 13:44	CMK



Will Brewington, Staff Chemist

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Analytical Results

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

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

08/18/15 16:31

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



Will Brewington, Staff Chemist

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18 August 2015

Kevin Howard
Chesapeake GeoSciences, Inc.
5405 Twin Knolls Rd, Suite I
Columbia, MD 21045
RE: LITTLE GEORGE'S DELI (8-1564CL)

Enclosed are the results of analyses for samples received by the laboratory on 08/13/15 12:00.

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

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

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

Sincerely,



Will Brewington
Staff Chemist

Analytical Results

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

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 13:02

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-5		5081305-01	Nonpotable Water	08/12/15 10:20	08/13/15 12:00
MW-6		5081305-02	Nonpotable Water	08/12/15 12:00	08/13/15 12:00
H-1A		5081305-03	Nonpotable Water	08/12/15 14:06	08/13/15 12:00
MW-7B		5081305-04	Nonpotable Water	08/12/15 16:25	08/13/15 12:00
MW-7R		5081305-05	Nonpotable Water	08/12/15 18:15	08/13/15 12:00
GBG-FB		5081305-06	Nonpotable Water	08/12/15 19:25	08/13/15 12:00
MW-7A		5081305-07	Nonpotable Water	08/12/15 19:45	08/13/15 12:00



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 13:02

MW-5

5081305-01 (Nonpotable Water)

Sample Date: 08/12/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	08/13/15	08/13/15 14:00	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	08/13/15	08/13/15 14:00	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
Benzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
Bromoform	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
Bromomethane	ND		ug/L	5.0	5.0	1	08/13/15	08/13/15 14:00	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	08/13/15	08/13/15 14:00	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	08/13/15	08/13/15 14:00	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
Chloroethane	ND		ug/L	5.0	5.0	1	08/13/15	08/13/15 14:00	WB
Chloroform	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
Chloromethane	ND		ug/L	5.0	5.0	1	08/13/15	08/13/15 14:00	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 13:02

MW-5

5081305-01 (Nonpotable Water)

Sample Date: 08/12/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	08/13/15	08/13/15 14:00	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	08/13/15	08/13/15 14:00	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	08/13/15	08/13/15 14:00	WB
Naphthalene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
Styrene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
Toluene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 13:02

MW-5

5081305-01 (Nonpotable Water)
Sample Date: 08/12/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
o-Xylene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:00	WB
Surrogate: 1,2-Dichloroethane-d4		79.8-114		109 %	08/13/15		08/13/15 14:00		
Surrogate: Toluene-d8		89.9-110		97 %	08/13/15		08/13/15 14:00		
Surrogate: 4-Bromofluorobenzene		79.6-110		88 %	08/13/15		08/13/15 14:00		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0057	0.0057	1	08/14/15	08/14/15 14:00	CMK



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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 13:02

MW-6

5081305-02 (Nonpotable Water)
Sample Date: 08/12/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	08/13/15	08/13/15 14:33	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	08/13/15	08/13/15 14:33	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
Benzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
Bromoform	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
Bromomethane	ND		ug/L	5.0	5.0	1	08/13/15	08/13/15 14:33	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	08/13/15	08/13/15 14:33	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	08/13/15	08/13/15 14:33	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
Chloroethane	ND		ug/L	5.0	5.0	1	08/13/15	08/13/15 14:33	WB
Chloroform	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
Chloromethane	ND		ug/L	5.0	5.0	1	08/13/15	08/13/15 14:33	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 13:02

MW-6

5081305-02 (Nonpotable Water)

Sample Date: 08/12/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	08/13/15	08/13/15 14:33	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
Methyl tert-butyl ether (MTBE)	2.7	J	ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	08/13/15	08/13/15 14:33	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	08/13/15	08/13/15 14:33	WB
Naphthalene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
Styrene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
Toluene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 13:02

MW-6

5081305-02 (Nonpotable Water)
Sample Date: 08/12/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
o-Xylene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 14:33	WB
Surrogate: 1,2-Dichloroethane-d4				79.8-114	110 %		08/13/15	08/13/15 14:33	
Surrogate: Toluene-d8				89.9-110	99 %		08/13/15	08/13/15 14:33	
Surrogate: 4-Bromofluorobenzene				79.6-110	89 %		08/13/15	08/13/15 14:33	



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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 13:02

H-1A

5081305-03 (Nonpotable Water)

Sample Date: 08/12/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	08/13/15	08/13/15 15:06	WB
tert-Amyl alcohol (TAA)	28.7		ug/L	20.0	20.0	1	08/13/15	08/13/15 15:06	WB
tert-Amyl methyl ether (TAME)	2.9	J	ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
Benzene	8.0		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
Bromoform	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
Bromomethane	ND		ug/L	5.0	5.0	1	08/13/15	08/13/15 15:06	WB
tert-Butanol (TBA)	16.0		ug/L	15.0	15.0	1	08/13/15	08/13/15 15:06	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	08/13/15	08/13/15 15:06	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
Chloroethane	ND		ug/L	5.0	5.0	1	08/13/15	08/13/15 15:06	WB
Chloroform	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
Chloromethane	ND		ug/L	5.0	5.0	1	08/13/15	08/13/15 15:06	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 13:02

H-1A

5081305-03 (Nonpotable Water)

Sample Date: 08/12/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	08/13/15	08/13/15 15:06	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
Methyl tert-butyl ether (MTBE)	32.5		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	08/13/15	08/13/15 15:06	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	08/13/15	08/13/15 15:06	WB
Naphthalene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
Styrene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
Toluene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 13:02

H-1A

5081305-03 (Nonpotable Water)
Sample Date: 08/12/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
o-Xylene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:06	WB
Surrogate: 1,2-Dichloroethane-d4		79.8-114		104 %	08/13/15		08/13/15 15:06		
Surrogate: Toluene-d8		89.9-110		100 %	08/13/15		08/13/15 15:06		
Surrogate: 4-Bromofluorobenzene		79.6-110		88 %	08/13/15		08/13/15 15:06		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	0.0190		mg/L	0.0064	0.0064	1	08/14/15	08/14/15 14:11	CMK

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, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 13:02

MW-7B

5081305-04 (Nonpotable Water)

Sample Date: 08/12/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	08/13/15	08/13/15 15:39	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	08/13/15	08/13/15 15:39	WB
tert-Amyl methyl ether (TAME)	5.1		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
Benzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
Bromoform	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
Bromomethane	ND		ug/L	5.0	5.0	1	08/13/15	08/13/15 15:39	WB
tert-Butanol (TBA)	64.9		ug/L	15.0	15.0	1	08/13/15	08/13/15 15:39	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	08/13/15	08/13/15 15:39	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
Chloroethane	ND		ug/L	5.0	5.0	1	08/13/15	08/13/15 15:39	WB
Chloroform	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
Chloromethane	ND		ug/L	5.0	5.0	1	08/13/15	08/13/15 15:39	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 13:02

MW-7B

5081305-04 (Nonpotable Water)

Sample Date: 08/12/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	08/13/15	08/13/15 15:39	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
Methyl tert-butyl ether (MTBE)	143		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	08/13/15	08/13/15 15:39	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	08/13/15	08/13/15 15:39	WB
Naphthalene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
Styrene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
Toluene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 13:02

MW-7B

5081305-04 (Nonpotable Water)
Sample Date: 08/12/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
o-Xylene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 15:39	WB
Surrogate: 1,2-Dichloroethane-d4		79.8-114		108 %	08/13/15		08/13/15 15:39		
Surrogate: Toluene-d8		89.9-110		97 %	08/13/15		08/13/15 15:39		
Surrogate: 4-Bromofluorobenzene		79.6-110		88 %	08/13/15		08/13/15 15:39		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0060	0.0060	1	08/14/15	08/14/15 14:25	CMK



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 13:02

MW-7R

5081305-05 (Nonpotable Water)

Sample Date: 08/12/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	40.0	40.0	4	08/13/15	08/13/15 16:46	WB
tert-Amyl alcohol (TAA)	ND		ug/L	80.0	80.0	4	08/13/15	08/13/15 16:46	WB
tert-Amyl methyl ether (TAME)	23.9		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
Benzene	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
Bromobenzene	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
Bromochloromethane	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
Bromodichloromethane	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
Bromoform	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
Bromomethane	ND		ug/L	20.0	20.0	4	08/13/15	08/13/15 16:46	WB
tert-Butanol (TBA)	180		ug/L	60.0	60.0	4	08/13/15	08/13/15 16:46	WB
2-Butanone (MEK)	ND		ug/L	40.0	40.0	4	08/13/15	08/13/15 16:46	WB
n-Butylbenzene	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
sec-Butylbenzene	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
tert-Butylbenzene	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
Carbon disulfide	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
Carbon tetrachloride	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
Chlorobenzene	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
Chloroethane	ND		ug/L	20.0	20.0	4	08/13/15	08/13/15 16:46	WB
Chloroform	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
Chloromethane	ND		ug/L	20.0	20.0	4	08/13/15	08/13/15 16:46	WB
2-Chlorotoluene	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
4-Chlorotoluene	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
Dibromochloromethane	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
1,2-Dibromoethane (EDB)	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
Dibromomethane	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
1,2-Dichlorobenzene	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
1,3-Dichlorobenzene	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
1,4-Dichlorobenzene	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
Dichlorodifluoromethane	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
1,1-Dichloroethane	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
1,2-Dichloroethane	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
1,1-Dichloroethene	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
cis-1,2-Dichloroethene	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 13:02

MW-7R

5081305-05 (Nonpotable Water)

Sample Date: 08/12/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
Dichlorofluoromethane	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
1,2-Dichloropropane	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
1,3-Dichloropropane	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
2,2-Dichloropropane	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
1,1-Dichloropropene	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
cis-1,3-Dichloropropene	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
trans-1,3-Dichloropropene	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
Diisopropyl ether (DIPE)	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
Ethylbenzene	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
Hexachlorobutadiene	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
2-Hexanone	ND		ug/L	40.0	40.0	4	08/13/15	08/13/15 16:46	WB
Isopropylbenzene (Cumene)	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
4-Isopropyltoluene	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
Methyl tert-butyl ether (MTBE)	447		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
4-Methyl-2-pentanone	ND		ug/L	40.0	40.0	4	08/13/15	08/13/15 16:46	WB
Methylene chloride	ND		ug/L	40.0	40.0	4	08/13/15	08/13/15 16:46	WB
Naphthalene	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
n-Propylbenzene	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
Styrene	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
Tetrachloroethene	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
Toluene	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
1,2,3-Trichlorobenzene	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
1,2,4-Trichlorobenzene	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
1,1,1-Trichloroethane	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
1,1,2-Trichloroethane	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
Trichloroethene	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
1,2,3-Trichloropropane	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
1,2,4-Trimethylbenzene	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
1,3,5-Trimethylbenzene	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 13:02

MW-7R

5081305-05 (Nonpotable Water)
Sample Date: 08/12/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
o-Xylene	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
m- & p-Xylenes	ND		ug/L	20.0	8.0	4	08/13/15	08/13/15 16:46	WB
Surrogate: 1,2-Dichloroethane-d4		79.8-114		110 %	08/13/15		08/13/15 16:46		
Surrogate: Toluene-d8		89.9-110		97 %	08/13/15		08/13/15 16:46		
Surrogate: 4-Bromofluorobenzene		79.6-110		86 %	08/13/15		08/13/15 16:46		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0055	0.0055	1	08/14/15	08/14/15 14:44	CMK



Will Brewington, Staff Chemist

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.

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 13:02

GBG-FB

5081305-06 (Nonpotable Water)

Sample Date: 08/12/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	08/13/15	08/13/15 16:12	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	08/13/15	08/13/15 16:12	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
Benzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
Bromoform	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
Bromomethane	ND		ug/L	5.0	5.0	1	08/13/15	08/13/15 16:12	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	08/13/15	08/13/15 16:12	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	08/13/15	08/13/15 16:12	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
Chloroethane	ND		ug/L	5.0	5.0	1	08/13/15	08/13/15 16:12	WB
Chloroform	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
Chloromethane	ND		ug/L	5.0	5.0	1	08/13/15	08/13/15 16:12	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

08/18/15 13:02

GBG-FB

5081305-06 (Nonpotable Water)

Sample Date: 08/12/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	08/13/15	08/13/15 16:12	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	08/13/15	08/13/15 16:12	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	08/13/15	08/13/15 16:12	WB
Naphthalene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
Styrene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
Toluene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 13:02

GBG-FB

5081305-06 (Nonpotable Water)
Sample Date: 08/12/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
o-Xylene	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	08/13/15	08/13/15 16:12	WB
<i>Surrogate: 1,2-Dichloroethane-d4</i>				<i>111 %</i>			<i>08/13/15</i>	<i>08/13/15 16:12</i>	
<i>Surrogate: Toluene-d8</i>				<i>95 %</i>			<i>08/13/15</i>	<i>08/13/15 16:12</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>				<i>86 %</i>			<i>08/13/15</i>	<i>08/13/15 16:12</i>	



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 13:02

MW-7A

5081305-07 (Nonpotable Water)

Sample Date: 08/12/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	100	100	10	08/13/15	08/13/15 17:52	WB
tert-Amyl alcohol (TAA)	ND		ug/L	200	200	10	08/13/15	08/13/15 17:52	WB
tert-Amyl methyl ether (TAME)	57.8		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
Benzene	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
Bromobenzene	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
Bromochloromethane	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
Bromodichloromethane	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
Bromoform	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
Bromomethane	ND		ug/L	50.0	50.0	10	08/13/15	08/13/15 17:52	WB
tert-Butanol (TBA)	953		ug/L	150	150	10	08/13/15	08/13/15 17:52	WB
2-Butanone (MEK)	ND		ug/L	100	100	10	08/13/15	08/13/15 17:52	WB
n-Butylbenzene	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
sec-Butylbenzene	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
tert-Butylbenzene	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
Carbon disulfide	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
Carbon tetrachloride	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
Chlorobenzene	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
Chloroethane	ND		ug/L	50.0	50.0	10	08/13/15	08/13/15 17:52	WB
Chloroform	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
Chloromethane	ND		ug/L	50.0	50.0	10	08/13/15	08/13/15 17:52	WB
2-Chlorotoluene	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
4-Chlorotoluene	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
Dibromochloromethane	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
1,2-Dibromoethane (EDB)	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
Dibromomethane	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
1,2-Dichlorobenzene	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
1,3-Dichlorobenzene	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
1,4-Dichlorobenzene	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
Dichlorodifluoromethane	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
1,1-Dichloroethane	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
1,2-Dichloroethane	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
1,1-Dichloroethene	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
cis-1,2-Dichloroethene	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

08/18/15 13:02

MW-7A

5081305-07 (Nonpotable Water)

Sample Date: 08/12/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
Dichlorofluoromethane	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
1,2-Dichloropropane	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
1,3-Dichloropropane	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
2,2-Dichloropropane	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
1,1-Dichloropropene	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
cis-1,3-Dichloropropene	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
trans-1,3-Dichloropropene	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
Diisopropyl ether (DIPE)	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
Ethylbenzene	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
Hexachlorobutadiene	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
2-Hexanone	ND		ug/L	100	100	10	08/13/15	08/13/15 17:52	WB
Isopropylbenzene (Cumene)	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
4-Isopropyltoluene	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
Methyl tert-butyl ether (MTBE)	1160		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
4-Methyl-2-pentanone	ND		ug/L	100	100	10	08/13/15	08/13/15 17:52	WB
Methylene chloride	ND		ug/L	100	100	10	08/13/15	08/13/15 17:52	WB
Naphthalene	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
n-Propylbenzene	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
Styrene	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
Tetrachloroethene	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
Toluene	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
1,2,3-Trichlorobenzene	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
1,2,4-Trichlorobenzene	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
1,1,1-Trichloroethane	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
1,1,2-Trichloroethane	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
Trichloroethene	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
1,2,3-Trichloropropane	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
1,2,4-Trimethylbenzene	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
1,3,5-Trimethylbenzene	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 13:02

MW-7A

5081305-07 (Nonpotable Water)
Sample Date: 08/12/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
o-Xylene	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
m- & p-Xylenes	ND		ug/L	50.0	20.0	10	08/13/15	08/13/15 17:52	WB
Surrogate: 1,2-Dichloroethane-d4		79.8-114		109 %	08/13/15		08/13/15 17:52		
Surrogate: Toluene-d8		89.9-110		97 %	08/13/15		08/13/15 17:52		
Surrogate: 4-Bromofluorobenzene		79.6-110		86 %	08/13/15		08/13/15 17:52		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0060	0.0060	1	08/14/15	08/14/15 14:54	CMK



Will Brewington, Staff Chemist

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Analytical Results

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410-247-7600
www.mdspectral.com

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

08/18/15 13:02

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



Will Brewington, Staff Chemist

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.

18 August 2015

Kevin Howard
Chesapeake GeoSciences, Inc.
5405 Twin Knolls Rd, Suite I
Columbia, MD 21045
RE: LITTLE GEORGE'S DELI (8-1564CL)

Enclosed are the results of analyses for samples received by the laboratory on 08/14/15 08:36.

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

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

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

Sincerely,



Will Brewington
Staff Chemist

Analytical Results

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

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 16:34

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1		5081401-01	Nonpotable Water	08/13/15 13:45	08/14/15 08:36
MW-1A		5081401-02	Nonpotable Water	08/13/15 15:20	08/14/15 08:36
MW-2		5081401-03	Nonpotable Water	08/13/15 10:10	08/14/15 08:36
H-6		5081401-04	Nonpotable Water	08/13/15 11:55	08/14/15 08:36
MW-X		5081401-05	Nonpotable Water	08/13/15 00:00	08/14/15 08:36



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 16:34

MW-1

5081401-01 (Nonpotable Water)
Sample Date: 08/13/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 19:31	CMK
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	08/14/15	08/14/15 19:31	CMK
tert-Amyl methyl ether (TAME)	39.0		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
Benzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
Bromobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
Bromochloromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
Bromodichloromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
Bromoform	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
Bromomethane	ND		ug/L	5.0	5.0	1	08/14/15	08/14/15 19:31	CMK
tert-Butanol (TBA)	237		ug/L	15.0	15.0	1	08/14/15	08/14/15 19:31	CMK
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 19:31	CMK
n-Butylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
Carbon disulfide	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
Chlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
Chloroethane	ND		ug/L	5.0	5.0	1	08/14/15	08/14/15 19:31	CMK
Chloroform	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
Chloromethane	ND		ug/L	5.0	5.0	1	08/14/15	08/14/15 19:31	CMK
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
Dibromochloromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
Dibromomethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 16:34

MW-1

5081401-01 (Nonpotable Water)

Sample Date: 08/13/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
Ethylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
2-Hexanone	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 19:31	CMK
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
Methyl tert-butyl ether (MTBE)	655		ug/L	25.0	10.0	5	08/14/15	08/17/15 17:51	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 19:31	CMK
Methylene chloride	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 19:31	CMK
Naphthalene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
n-Propylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
Styrene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
Tetrachloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
Toluene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
Trichloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 16:34

MW-1

5081401-01 (Nonpotable Water)
Sample Date: 08/13/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
o-Xylene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 19:31	CMK
Surrogate: 1,2-Dichloroethane-d4				79.8-114	110 %		08/14/15	08/14/15 19:31	
Surrogate: Toluene-d8				89.9-110	98 %		08/14/15	08/14/15 19:31	
Surrogate: 4-Bromofluorobenzene				79.6-110	87 %		08/14/15	08/14/15 19:31	
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0060	0.0060	1	08/14/15	08/14/15 15:03	CMK



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 16:34

MW-1A

5081401-02 (Nonpotable Water)

Sample Date: 08/13/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 20:04	CMK
tert-Amyl alcohol (TAA)	56.3		ug/L	20.0	20.0	1	08/14/15	08/14/15 20:04	CMK
tert-Amyl methyl ether (TAME)	64.1		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
Benzene	4.3	J	ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
Bromobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
Bromochloromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
Bromodichloromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
Bromoform	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
Bromomethane	ND		ug/L	5.0	5.0	1	08/14/15	08/14/15 20:04	CMK
tert-Butanol (TBA)	658		ug/L	15.0	15.0	1	08/14/15	08/14/15 20:04	CMK
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 20:04	CMK
n-Butylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
Carbon disulfide	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
Chlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
Chloroethane	ND		ug/L	5.0	5.0	1	08/14/15	08/14/15 20:04	CMK
Chloroform	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
Chloromethane	ND		ug/L	5.0	5.0	1	08/14/15	08/14/15 20:04	CMK
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
Dibromochloromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
Dibromomethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 16:34

MW-1A

5081401-02 (Nonpotable Water)

Sample Date: 08/13/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
Ethylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
2-Hexanone	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 20:04	CMK
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
Methyl tert-butyl ether (MTBE)	982		ug/L	25.0	10.0	5	08/14/15	08/17/15 18:24	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 20:04	CMK
Methylene chloride	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 20:04	CMK
Naphthalene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
n-Propylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
Styrene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
Tetrachloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
Toluene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
Trichloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 16:34

MW-1A

5081401-02 (Nonpotable Water)
Sample Date: 08/13/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
o-Xylene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:04	CMK
<i>Surrogate: 1,2-Dichloroethane-d4</i>				<i>113 %</i>			<i>08/14/15</i>	<i>08/14/15 20:04</i>	
<i>Surrogate: Toluene-d8</i>				<i>98 %</i>			<i>08/14/15</i>	<i>08/14/15 20:04</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>				<i>85 %</i>			<i>08/14/15</i>	<i>08/14/15 20:04</i>	
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0058	0.0058	1	08/14/15	08/14/15 15:17	CMK



Will Brewington, Staff Chemist

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.

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 16:34

MW-2

5081401-03 (Nonpotable Water)

Sample Date: 08/13/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 20:37	CMK
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	08/14/15	08/14/15 20:37	CMK
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
Benzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
Bromobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
Bromochloromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
Bromodichloromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
Bromoform	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
Bromomethane	ND		ug/L	5.0	5.0	1	08/14/15	08/14/15 20:37	CMK
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	08/14/15	08/14/15 20:37	CMK
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 20:37	CMK
n-Butylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
Carbon disulfide	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
Chlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
Chloroethane	ND		ug/L	5.0	5.0	1	08/14/15	08/14/15 20:37	CMK
Chloroform	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
Chloromethane	ND		ug/L	5.0	5.0	1	08/14/15	08/14/15 20:37	CMK
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
Dibromochloromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
Dibromomethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 16:34

MW-2

5081401-03 (Nonpotable Water)

Sample Date: 08/13/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
Ethylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
2-Hexanone	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 20:37	CMK
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
Methyl tert-butyl ether (MTBE)	40.6		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 20:37	CMK
Methylene chloride	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 20:37	CMK
Naphthalene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
n-Propylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
Styrene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
Tetrachloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
Toluene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
Trichloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 16:34

MW-2

5081401-03 (Nonpotable Water)
Sample Date: 08/13/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
o-Xylene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 20:37	CMK
Surrogate: 1,2-Dichloroethane-d4		79.8-114		110 %	08/14/15		08/14/15 20:37		
Surrogate: Toluene-d8		89.9-110		97 %	08/14/15		08/14/15 20:37		
Surrogate: 4-Bromofluorobenzene		79.6-110		86 %	08/14/15		08/14/15 20:37		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	0.0068		mg/L	0.0045	0.0045	1	08/14/15	08/14/15 15:25	CMK



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 16:34

H-6

5081401-04 (Nonpotable Water)

Sample Date: 08/13/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 21:10	CMK
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	08/14/15	08/14/15 21:10	CMK
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
Benzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
Bromobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
Bromochloromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
Bromodichloromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
Bromoform	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
Bromomethane	ND		ug/L	5.0	5.0	1	08/14/15	08/14/15 21:10	CMK
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	08/14/15	08/14/15 21:10	CMK
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 21:10	CMK
n-Butylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
Carbon disulfide	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
Chlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
Chloroethane	ND		ug/L	5.0	5.0	1	08/14/15	08/14/15 21:10	CMK
Chloroform	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
Chloromethane	ND		ug/L	5.0	5.0	1	08/14/15	08/14/15 21:10	CMK
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
Dibromochloromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
Dibromomethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 16:34

H-6

5081401-04 (Nonpotable Water)

Sample Date: 08/13/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
Ethylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
2-Hexanone	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 21:10	CMK
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
Methyl tert-butyl ether (MTBE)	5.1		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 21:10	CMK
Methylene chloride	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 21:10	CMK
Naphthalene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
n-Propylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
Styrene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
Tetrachloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
Toluene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
Trichloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 16:34

H-6

5081401-04 (Nonpotable Water)
Sample Date: 08/13/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
o-Xylene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:10	CMK
Surrogate: 1,2-Dichloroethane-d4		79.8-114		113 %	08/14/15		08/14/15 21:10		
Surrogate: Toluene-d8		89.9-110		97 %	08/14/15		08/14/15 21:10		
Surrogate: 4-Bromofluorobenzene		79.6-110		87 %	08/14/15		08/14/15 21:10		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0061	0.0061	1	08/14/15	08/14/15 15:36	CMK



Will Brewington, Staff Chemist

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.

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 16:34

MW-X

5081401-05 (Nonpotable Water)
Sample Date: 08/13/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 21:44	CMK
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	08/14/15	08/14/15 21:44	CMK
tert-Amyl methyl ether (TAME)	39.8		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
Benzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
Bromobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
Bromochloromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
Bromodichloromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
Bromoform	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
Bromomethane	ND		ug/L	5.0	5.0	1	08/14/15	08/14/15 21:44	CMK
tert-Butanol (TBA)	263		ug/L	15.0	15.0	1	08/14/15	08/14/15 21:44	CMK
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 21:44	CMK
n-Butylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
Carbon disulfide	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
Chlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
Chloroethane	ND		ug/L	5.0	5.0	1	08/14/15	08/14/15 21:44	CMK
Chloroform	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
Chloromethane	ND		ug/L	5.0	5.0	1	08/14/15	08/14/15 21:44	CMK
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
Dibromochloromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
Dibromomethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 16:34

MW-X

5081401-05 (Nonpotable Water)

Sample Date: 08/13/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
Ethylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
2-Hexanone	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 21:44	CMK
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
Methyl tert-butyl ether (MTBE)	650		ug/L	25.0	10.0	5	08/14/15	08/17/15 18:57	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 21:44	CMK
Methylene chloride	ND		ug/L	10.0	10.0	1	08/14/15	08/14/15 21:44	CMK
Naphthalene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
n-Propylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
Styrene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
Tetrachloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
Toluene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
Trichloroethene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/18/15 16:34

MW-X

5081401-05 (Nonpotable Water)
Sample Date: 08/13/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
o-Xylene	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	08/14/15	08/14/15 21:44	CMK
Surrogate: 1,2-Dichloroethane-d4				79.8-114	112 %		08/14/15	08/14/15 21:44	
Surrogate: Toluene-d8				89.9-110	97 %		08/14/15	08/14/15 21:44	
Surrogate: 4-Bromofluorobenzene				79.6-110	87 %		08/14/15	08/14/15 21:44	
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0053	0.0053	1	08/14/15	08/14/15 15:51	CMK



Will Brewington, Staff Chemist

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Analytical Results

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

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

08/18/15 16:34

Notes and Definitions

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



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Will Brewington, Staff Chemist

25 August 2015

Kevin Howard
Chesapeake GeoSciences, Inc.
5405 Twin Knolls Rd, Suite I
Columbia, MD 21045
RE: LITTLE GEORGE'S DELI (8-1564CL)

Enclosed are the results of analyses for samples received by the laboratory on 08/17/15 13:30.

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

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

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

Sincerely,



Will Brewington
Staff Chemist

Analytical Results

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

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/25/15 16:22

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GAC-MID-GRO		5081701-01	Nonpotable Water	08/14/15 12:15	08/17/15 13:30
GAC-EFF-GRO		5081701-02	Nonpotable Water	08/14/15 12:30	08/17/15 13:30
DW-FB		5081701-03	Nonpotable Water	08/14/15 14:55	08/17/15 13:30
2139-DW-PRE		5081701-04	Nonpotable Water	08/14/15 13:55	08/17/15 13:30
2139-DW-MID		5081701-05	Nonpotable Water	08/14/15 14:00	08/17/15 13:30
2139-DW-POST		5081701-06	Nonpotable Water	08/14/15 14:05	08/17/15 13:30
MW-4		5081701-07	Nonpotable Water	08/14/15 13:05	08/17/15 13:30
LOT 7 WELL		5081701-08	Nonpotable Water	08/14/15 10:26	08/17/15 13:30
2040-DW		5081701-09	Nonpotable Water	08/14/15 15:00	08/17/15 13:30



Will Brewington, Staff Chemist

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Analytical Results

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

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/25/15 16:22

GAC-MID-GRO

5081701-01 (Nonpotable Water)
Sample Date: 08/14/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
GASOLINE RANGE ORGANICS BY EPA 8015B									
Gasoline-Range Organics	471		ug/L	100	100	1	08/20/15	08/20/15 16:37	GM
<i>Surrogate: a,a,a-Trifluorotoluene</i>			85-115	103 %	08/20/15		08/20/15 16:37		



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/25/15 16:22

GAC-EFF-GRO

5081701-02 (Nonpotable Water)
Sample Date: 08/14/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
GASOLINE RANGE ORGANICS BY EPA 8015B									
Gasoline-Range Organics	ND		ug/L	100	100	1	08/20/15	08/20/15 17:16	GM
<i>Surrogate: a,a,a-Trifluorotoluene</i>			<i>85-115</i>	<i>100 %</i>	<i>08/20/15</i>		<i>08/20/15 17:16</i>		



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

08/25/15 16:22

DW-FB

5081701-03 (Nonpotable Water)

Sample Date: 08/14/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS)									
tert-Amyl alcohol (TAA)	ND		ug/L	10.0	10.0	1	08/17/15	08/17/15 14:42	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	0.50	0.13	1	08/17/15	08/17/15 14:42	WB
Benzene	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 14:42	WB
Bromobenzene	ND		ug/L	0.50	0.10	1	08/17/15	08/17/15 14:42	WB
Bromochloromethane	ND		ug/L	0.50	0.14	1	08/17/15	08/17/15 14:42	WB
Bromodichloromethane	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 14:42	WB
Bromoform	ND		ug/L	0.50	0.14	1	08/17/15	08/17/15 14:42	WB
Bromomethane	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 14:42	WB
tert-Butanol (TBA)	ND		ug/L	10.0	1.81	1	08/17/15	08/17/15 14:42	WB
n-Butylbenzene	ND		ug/L	0.50	0.05	1	08/17/15	08/17/15 14:42	WB
sec-Butylbenzene	ND		ug/L	0.50	0.05	1	08/17/15	08/17/15 14:42	WB
tert-Butylbenzene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 14:42	WB
Carbon tetrachloride	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 14:42	WB
Chlorobenzene	ND		ug/L	0.50	0.05	1	08/17/15	08/17/15 14:42	WB
Chloroethane	ND		ug/L	0.50	0.13	1	08/17/15	08/17/15 14:42	WB
Chloroform	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 14:42	WB
Chloromethane	ND		ug/L	0.50	0.25	1	08/17/15	08/17/15 14:42	WB
2-Chlorotoluene	ND		ug/L	0.50	0.20	1	08/17/15	08/17/15 14:42	WB
4-Chlorotoluene	ND		ug/L	0.50	0.20	1	08/17/15	08/17/15 14:42	WB
Dibromochloromethane	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 14:42	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	0.50	0.18	1	08/17/15	08/17/15 14:42	WB
1,2-Dibromoethane (EDB)	ND		ug/L	0.50	0.08	1	08/17/15	08/17/15 14:42	WB
Dibromomethane	ND		ug/L	0.50	0.16	1	08/17/15	08/17/15 14:42	WB
1,2-Dichlorobenzene	ND		ug/L	0.50	0.10	1	08/17/15	08/17/15 14:42	WB
1,3-Dichlorobenzene	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 14:42	WB
1,4-Dichlorobenzene	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 14:42	WB
Dichlorodifluoromethane	ND		ug/L	0.50	0.33	1	08/17/15	08/17/15 14:42	WB
1,1-Dichloroethane	ND		ug/L	0.50	0.05	1	08/17/15	08/17/15 14:42	WB
1,2-Dichloroethane	ND		ug/L	0.50	0.11	1	08/17/15	08/17/15 14:42	WB
1,1-Dichloroethene	ND		ug/L	0.50	0.11	1	08/17/15	08/17/15 14:42	WB
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.08	1	08/17/15	08/17/15 14:42	WB
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.09	1	08/17/15	08/17/15 14:42	WB
1,2-Dichloropropane	ND		ug/L	0.50	0.10	1	08/17/15	08/17/15 14:42	WB
1,3-Dichloropropane	ND		ug/L	0.50	0.13	1	08/17/15	08/17/15 14:42	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/25/15 16:22

DW-FB

5081701-03 (Nonpotable Water)

Sample Date: 08/14/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS) (continued)									
2,2-Dichloropropane	ND		ug/L	0.50	0.12	1	08/17/15	08/17/15 14:42	WB
1,1-Dichloropropene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 14:42	WB
cis-1,3-Dichloropropene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 14:42	WB
trans-1,3-Dichloropropene	ND		ug/L	0.50	0.08	1	08/17/15	08/17/15 14:42	WB
Diisopropyl ether (DIPE)	ND		ug/L	0.50	0.19	1	08/17/15	08/17/15 14:42	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.50	0.24	1	08/17/15	08/17/15 14:42	WB
Ethylbenzene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 14:42	WB
Hexachlorobutadiene	ND		ug/L	0.50	0.21	1	08/17/15	08/17/15 14:42	WB
Isopropylbenzene (Cumene)	ND		ug/L	0.50	0.04	1	08/17/15	08/17/15 14:42	WB
4-Isopropyltoluene	ND		ug/L	0.50	0.03	1	08/17/15	08/17/15 14:42	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	0.50	0.21	1	08/17/15	08/17/15 14:42	WB
Methylene chloride	0.25	J	ug/L	0.50	0.24	1	08/17/15	08/17/15 14:42	WB
Naphthalene	ND		ug/L	0.50	0.17	1	08/17/15	08/17/15 14:42	WB
n-Propylbenzene	ND		ug/L	0.50	0.05	1	08/17/15	08/17/15 14:42	WB
Styrene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 14:42	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.08	1	08/17/15	08/17/15 14:42	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.08	1	08/17/15	08/17/15 14:42	WB
Tetrachloroethene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 14:42	WB
Toluene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 14:42	WB
1,2,3-Trichlorobenzene	ND		ug/L	0.50	0.15	1	08/17/15	08/17/15 14:42	WB
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 14:42	WB
1,1,1-Trichloroethane	ND		ug/L	0.50	0.09	1	08/17/15	08/17/15 14:42	WB
1,1,2-Trichloroethane	ND		ug/L	0.50	0.16	1	08/17/15	08/17/15 14:42	WB
Trichloroethene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 14:42	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	0.50	0.29	1	08/17/15	08/17/15 14:42	WB
1,2,3-Trichloropropane	ND		ug/L	0.50	0.26	1	08/17/15	08/17/15 14:42	WB
1,2,4-Trimethylbenzene	ND		ug/L	0.50	0.04	1	08/17/15	08/17/15 14:42	WB
1,3,5-Trimethylbenzene	ND		ug/L	0.50	0.04	1	08/17/15	08/17/15 14:42	WB
Vinyl chloride	ND		ug/L	0.50	0.20	1	08/17/15	08/17/15 14:42	WB
o-Xylene	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 14:42	WB
m- & p-Xylenes	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 14:42	WB
Surrogate: 4-Bromofluorobenzene			80-120	96 %			08/17/15	08/17/15 14:42	
Surrogate: 1,2-Dichlorobenzene-d4			80-120	97 %			08/17/15	08/17/15 14:42	

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/25/15 16:22

2139-DW-PRE

5081701-04 (Nonpotable Water)

Sample Date: 08/14/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS)									
tert-Amyl alcohol (TAA)	ND		ug/L	10.0	10.0	1	08/17/15	08/17/15 15:15	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	0.50	0.13	1	08/17/15	08/17/15 15:15	WB
Benzene	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 15:15	WB
Bromobenzene	ND		ug/L	0.50	0.10	1	08/17/15	08/17/15 15:15	WB
Bromochloromethane	ND		ug/L	0.50	0.14	1	08/17/15	08/17/15 15:15	WB
Bromodichloromethane	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 15:15	WB
Bromoform	ND		ug/L	0.50	0.14	1	08/17/15	08/17/15 15:15	WB
Bromomethane	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 15:15	WB
tert-Butanol (TBA)	ND		ug/L	10.0	1.81	1	08/17/15	08/17/15 15:15	WB
n-Butylbenzene	ND		ug/L	0.50	0.05	1	08/17/15	08/17/15 15:15	WB
sec-Butylbenzene	ND		ug/L	0.50	0.05	1	08/17/15	08/17/15 15:15	WB
tert-Butylbenzene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 15:15	WB
Carbon tetrachloride	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 15:15	WB
Chlorobenzene	ND		ug/L	0.50	0.05	1	08/17/15	08/17/15 15:15	WB
Chloroethane	ND		ug/L	0.50	0.13	1	08/17/15	08/17/15 15:15	WB
Chloroform	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 15:15	WB
Chloromethane	ND		ug/L	0.50	0.25	1	08/17/15	08/17/15 15:15	WB
2-Chlorotoluene	ND		ug/L	0.50	0.20	1	08/17/15	08/17/15 15:15	WB
4-Chlorotoluene	ND		ug/L	0.50	0.20	1	08/17/15	08/17/15 15:15	WB
Dibromochloromethane	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 15:15	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	0.50	0.18	1	08/17/15	08/17/15 15:15	WB
1,2-Dibromoethane (EDB)	ND		ug/L	0.50	0.08	1	08/17/15	08/17/15 15:15	WB
Dibromomethane	ND		ug/L	0.50	0.16	1	08/17/15	08/17/15 15:15	WB
1,2-Dichlorobenzene	ND		ug/L	0.50	0.10	1	08/17/15	08/17/15 15:15	WB
1,3-Dichlorobenzene	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 15:15	WB
1,4-Dichlorobenzene	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 15:15	WB
Dichlorodifluoromethane	ND		ug/L	0.50	0.33	1	08/17/15	08/17/15 15:15	WB
1,1-Dichloroethane	ND		ug/L	0.50	0.05	1	08/17/15	08/17/15 15:15	WB
1,2-Dichloroethane	ND		ug/L	0.50	0.11	1	08/17/15	08/17/15 15:15	WB
1,1-Dichloroethene	ND		ug/L	0.50	0.11	1	08/17/15	08/17/15 15:15	WB
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.08	1	08/17/15	08/17/15 15:15	WB
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.09	1	08/17/15	08/17/15 15:15	WB
1,2-Dichloropropane	ND		ug/L	0.50	0.10	1	08/17/15	08/17/15 15:15	WB
1,3-Dichloropropane	ND		ug/L	0.50	0.13	1	08/17/15	08/17/15 15:15	WB

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/25/15 16:22

2139-DW-PRE

5081701-04 (Nonpotable Water)

Sample Date: 08/14/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS) (continued)									
2,2-Dichloropropane	ND		ug/L	0.50	0.12	1	08/17/15	08/17/15 15:15	WB
1,1-Dichloropropene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 15:15	WB
cis-1,3-Dichloropropene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 15:15	WB
trans-1,3-Dichloropropene	ND		ug/L	0.50	0.08	1	08/17/15	08/17/15 15:15	WB
Diisopropyl ether (DIPE)	ND		ug/L	0.50	0.19	1	08/17/15	08/17/15 15:15	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.50	0.24	1	08/17/15	08/17/15 15:15	WB
Ethylbenzene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 15:15	WB
Hexachlorobutadiene	ND		ug/L	0.50	0.21	1	08/17/15	08/17/15 15:15	WB
Isopropylbenzene (Cumene)	ND		ug/L	0.50	0.04	1	08/17/15	08/17/15 15:15	WB
4-Isopropyltoluene	ND		ug/L	0.50	0.03	1	08/17/15	08/17/15 15:15	WB
Methyl tert-butyl ether (MTBE)	4.21		ug/L	0.50	0.21	1	08/17/15	08/17/15 15:15	WB
Methylene chloride	0.26	J	ug/L	0.50	0.24	1	08/17/15	08/17/15 15:15	WB
Naphthalene	ND		ug/L	0.50	0.17	1	08/17/15	08/17/15 15:15	WB
n-Propylbenzene	ND		ug/L	0.50	0.05	1	08/17/15	08/17/15 15:15	WB
Styrene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 15:15	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.08	1	08/17/15	08/17/15 15:15	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.08	1	08/17/15	08/17/15 15:15	WB
Tetrachloroethene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 15:15	WB
Toluene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 15:15	WB
1,2,3-Trichlorobenzene	ND		ug/L	0.50	0.15	1	08/17/15	08/17/15 15:15	WB
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 15:15	WB
1,1,1-Trichloroethane	ND		ug/L	0.50	0.09	1	08/17/15	08/17/15 15:15	WB
1,1,2-Trichloroethane	ND		ug/L	0.50	0.16	1	08/17/15	08/17/15 15:15	WB
Trichloroethene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 15:15	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	0.50	0.29	1	08/17/15	08/17/15 15:15	WB
1,2,3-Trichloropropane	ND		ug/L	0.50	0.26	1	08/17/15	08/17/15 15:15	WB
1,2,4-Trimethylbenzene	ND		ug/L	0.50	0.04	1	08/17/15	08/17/15 15:15	WB
1,3,5-Trimethylbenzene	ND		ug/L	0.50	0.04	1	08/17/15	08/17/15 15:15	WB
Vinyl chloride	ND		ug/L	0.50	0.20	1	08/17/15	08/17/15 15:15	WB
o-Xylene	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 15:15	WB
m- & p-Xylenes	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 15:15	WB
Surrogate: 4-Bromofluorobenzene			80-120	95 %			08/17/15	08/17/15 15:15	
Surrogate: 1,2-Dichlorobenzene-d4			80-120	99 %			08/17/15	08/17/15 15:15	

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/25/15 16:22

2139-DW-MID

5081701-05 (Nonpotable Water)

Sample Date: 08/14/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS)									
tert-Amyl alcohol (TAA)	ND		ug/L	10.0	10.0	1	08/17/15	08/17/15 15:48	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	0.50	0.13	1	08/17/15	08/17/15 15:48	WB
Benzene	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 15:48	WB
Bromobenzene	ND		ug/L	0.50	0.10	1	08/17/15	08/17/15 15:48	WB
Bromochloromethane	ND		ug/L	0.50	0.14	1	08/17/15	08/17/15 15:48	WB
Bromodichloromethane	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 15:48	WB
Bromoform	ND		ug/L	0.50	0.14	1	08/17/15	08/17/15 15:48	WB
Bromomethane	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 15:48	WB
tert-Butanol (TBA)	ND		ug/L	10.0	1.81	1	08/17/15	08/17/15 15:48	WB
n-Butylbenzene	ND		ug/L	0.50	0.05	1	08/17/15	08/17/15 15:48	WB
sec-Butylbenzene	ND		ug/L	0.50	0.05	1	08/17/15	08/17/15 15:48	WB
tert-Butylbenzene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 15:48	WB
Carbon tetrachloride	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 15:48	WB
Chlorobenzene	ND		ug/L	0.50	0.05	1	08/17/15	08/17/15 15:48	WB
Chloroethane	ND		ug/L	0.50	0.13	1	08/17/15	08/17/15 15:48	WB
Chloroform	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 15:48	WB
Chloromethane	ND		ug/L	0.50	0.25	1	08/17/15	08/17/15 15:48	WB
2-Chlorotoluene	ND		ug/L	0.50	0.20	1	08/17/15	08/17/15 15:48	WB
4-Chlorotoluene	ND		ug/L	0.50	0.20	1	08/17/15	08/17/15 15:48	WB
Dibromochloromethane	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 15:48	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	0.50	0.18	1	08/17/15	08/17/15 15:48	WB
1,2-Dibromoethane (EDB)	ND		ug/L	0.50	0.08	1	08/17/15	08/17/15 15:48	WB
Dibromomethane	ND		ug/L	0.50	0.16	1	08/17/15	08/17/15 15:48	WB
1,2-Dichlorobenzene	ND		ug/L	0.50	0.10	1	08/17/15	08/17/15 15:48	WB
1,3-Dichlorobenzene	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 15:48	WB
1,4-Dichlorobenzene	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 15:48	WB
Dichlorodifluoromethane	ND		ug/L	0.50	0.33	1	08/17/15	08/17/15 15:48	WB
1,1-Dichloroethane	ND		ug/L	0.50	0.05	1	08/17/15	08/17/15 15:48	WB
1,2-Dichloroethane	ND		ug/L	0.50	0.11	1	08/17/15	08/17/15 15:48	WB
1,1-Dichloroethene	ND		ug/L	0.50	0.11	1	08/17/15	08/17/15 15:48	WB
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.08	1	08/17/15	08/17/15 15:48	WB
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.09	1	08/17/15	08/17/15 15:48	WB
1,2-Dichloropropane	ND		ug/L	0.50	0.10	1	08/17/15	08/17/15 15:48	WB
1,3-Dichloropropane	ND		ug/L	0.50	0.13	1	08/17/15	08/17/15 15:48	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/25/15 16:22

2139-DW-MID

5081701-05 (Nonpotable Water)
Sample Date: 08/14/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS) (continued)									
2,2-Dichloropropane	ND		ug/L	0.50	0.12	1	08/17/15	08/17/15 15:48	WB
1,1-Dichloropropene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 15:48	WB
cis-1,3-Dichloropropene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 15:48	WB
trans-1,3-Dichloropropene	ND		ug/L	0.50	0.08	1	08/17/15	08/17/15 15:48	WB
Diisopropyl ether (DIPE)	ND		ug/L	0.50	0.19	1	08/17/15	08/17/15 15:48	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.50	0.24	1	08/17/15	08/17/15 15:48	WB
Ethylbenzene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 15:48	WB
Hexachlorobutadiene	ND		ug/L	0.50	0.21	1	08/17/15	08/17/15 15:48	WB
Isopropylbenzene (Cumene)	ND		ug/L	0.50	0.04	1	08/17/15	08/17/15 15:48	WB
4-Isopropyltoluene	ND		ug/L	0.50	0.03	1	08/17/15	08/17/15 15:48	WB
Methyl tert-butyl ether (MTBE)	3.28		ug/L	0.50	0.21	1	08/17/15	08/17/15 15:48	WB
Methylene chloride	0.29	J	ug/L	0.50	0.24	1	08/17/15	08/17/15 15:48	WB
Naphthalene	ND		ug/L	0.50	0.17	1	08/17/15	08/17/15 15:48	WB
n-Propylbenzene	ND		ug/L	0.50	0.05	1	08/17/15	08/17/15 15:48	WB
Styrene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 15:48	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.08	1	08/17/15	08/17/15 15:48	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.08	1	08/17/15	08/17/15 15:48	WB
Tetrachloroethene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 15:48	WB
Toluene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 15:48	WB
1,2,3-Trichlorobenzene	ND		ug/L	0.50	0.15	1	08/17/15	08/17/15 15:48	WB
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 15:48	WB
1,1,1-Trichloroethane	ND		ug/L	0.50	0.09	1	08/17/15	08/17/15 15:48	WB
1,1,2-Trichloroethane	ND		ug/L	0.50	0.16	1	08/17/15	08/17/15 15:48	WB
Trichloroethene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 15:48	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	0.50	0.29	1	08/17/15	08/17/15 15:48	WB
1,2,3-Trichloropropane	ND		ug/L	0.50	0.26	1	08/17/15	08/17/15 15:48	WB
1,2,4-Trimethylbenzene	ND		ug/L	0.50	0.04	1	08/17/15	08/17/15 15:48	WB
1,3,5-Trimethylbenzene	ND		ug/L	0.50	0.04	1	08/17/15	08/17/15 15:48	WB
Vinyl chloride	ND		ug/L	0.50	0.20	1	08/17/15	08/17/15 15:48	WB
o-Xylene	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 15:48	WB
m- & p-Xylenes	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 15:48	WB
Surrogate: 4-Bromofluorobenzene			80-120	94 %			08/17/15	08/17/15 15:48	
Surrogate: 1,2-Dichlorobenzene-d4			80-120	100 %			08/17/15	08/17/15 15:48	

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

08/25/15 16:22

2139-DW-POST

5081701-06 (Nonpotable Water)

Sample Date: 08/14/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS)									
tert-Amyl alcohol (TAA)	ND		ug/L	10.0	10.0	1	08/17/15	08/17/15 16:22	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	0.50	0.13	1	08/17/15	08/17/15 16:22	WB
Benzene	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 16:22	WB
Bromobenzene	ND		ug/L	0.50	0.10	1	08/17/15	08/17/15 16:22	WB
Bromochloromethane	ND		ug/L	0.50	0.14	1	08/17/15	08/17/15 16:22	WB
Bromodichloromethane	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 16:22	WB
Bromoform	ND		ug/L	0.50	0.14	1	08/17/15	08/17/15 16:22	WB
Bromomethane	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 16:22	WB
tert-Butanol (TBA)	ND		ug/L	10.0	1.81	1	08/17/15	08/17/15 16:22	WB
n-Butylbenzene	ND		ug/L	0.50	0.05	1	08/17/15	08/17/15 16:22	WB
sec-Butylbenzene	ND		ug/L	0.50	0.05	1	08/17/15	08/17/15 16:22	WB
tert-Butylbenzene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 16:22	WB
Carbon tetrachloride	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 16:22	WB
Chlorobenzene	ND		ug/L	0.50	0.05	1	08/17/15	08/17/15 16:22	WB
Chloroethane	ND		ug/L	0.50	0.13	1	08/17/15	08/17/15 16:22	WB
Chloroform	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 16:22	WB
Chloromethane	ND		ug/L	0.50	0.25	1	08/17/15	08/17/15 16:22	WB
2-Chlorotoluene	ND		ug/L	0.50	0.20	1	08/17/15	08/17/15 16:22	WB
4-Chlorotoluene	ND		ug/L	0.50	0.20	1	08/17/15	08/17/15 16:22	WB
Dibromochloromethane	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 16:22	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	0.50	0.18	1	08/17/15	08/17/15 16:22	WB
1,2-Dibromoethane (EDB)	ND		ug/L	0.50	0.08	1	08/17/15	08/17/15 16:22	WB
Dibromomethane	ND		ug/L	0.50	0.16	1	08/17/15	08/17/15 16:22	WB
1,2-Dichlorobenzene	ND		ug/L	0.50	0.10	1	08/17/15	08/17/15 16:22	WB
1,3-Dichlorobenzene	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 16:22	WB
1,4-Dichlorobenzene	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 16:22	WB
Dichlorodifluoromethane	ND		ug/L	0.50	0.33	1	08/17/15	08/17/15 16:22	WB
1,1-Dichloroethane	ND		ug/L	0.50	0.05	1	08/17/15	08/17/15 16:22	WB
1,2-Dichloroethane	ND		ug/L	0.50	0.11	1	08/17/15	08/17/15 16:22	WB
1,1-Dichloroethene	ND		ug/L	0.50	0.11	1	08/17/15	08/17/15 16:22	WB
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.08	1	08/17/15	08/17/15 16:22	WB
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.09	1	08/17/15	08/17/15 16:22	WB
1,2-Dichloropropane	ND		ug/L	0.50	0.10	1	08/17/15	08/17/15 16:22	WB
1,3-Dichloropropane	ND		ug/L	0.50	0.13	1	08/17/15	08/17/15 16:22	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/25/15 16:22

2139-DW-POST

5081701-06 (Nonpotable Water)

Sample Date: 08/14/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS) (continued)									
2,2-Dichloropropane	ND		ug/L	0.50	0.12	1	08/17/15	08/17/15 16:22	WB
1,1-Dichloropropene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 16:22	WB
cis-1,3-Dichloropropene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 16:22	WB
trans-1,3-Dichloropropene	ND		ug/L	0.50	0.08	1	08/17/15	08/17/15 16:22	WB
Diisopropyl ether (DIPE)	ND		ug/L	0.50	0.19	1	08/17/15	08/17/15 16:22	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.50	0.24	1	08/17/15	08/17/15 16:22	WB
Ethylbenzene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 16:22	WB
Hexachlorobutadiene	ND		ug/L	0.50	0.21	1	08/17/15	08/17/15 16:22	WB
Isopropylbenzene (Cumene)	ND		ug/L	0.50	0.04	1	08/17/15	08/17/15 16:22	WB
4-Isopropyltoluene	ND		ug/L	0.50	0.03	1	08/17/15	08/17/15 16:22	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	0.50	0.21	1	08/17/15	08/17/15 16:22	WB
Methylene chloride	0.29	J	ug/L	0.50	0.24	1	08/17/15	08/17/15 16:22	WB
Naphthalene	ND		ug/L	0.50	0.17	1	08/17/15	08/17/15 16:22	WB
n-Propylbenzene	ND		ug/L	0.50	0.05	1	08/17/15	08/17/15 16:22	WB
Styrene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 16:22	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.08	1	08/17/15	08/17/15 16:22	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.08	1	08/17/15	08/17/15 16:22	WB
Tetrachloroethene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 16:22	WB
Toluene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 16:22	WB
1,2,3-Trichlorobenzene	ND		ug/L	0.50	0.15	1	08/17/15	08/17/15 16:22	WB
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 16:22	WB
1,1,1-Trichloroethane	ND		ug/L	0.50	0.09	1	08/17/15	08/17/15 16:22	WB
1,1,2-Trichloroethane	ND		ug/L	0.50	0.16	1	08/17/15	08/17/15 16:22	WB
Trichloroethene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 16:22	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	0.50	0.29	1	08/17/15	08/17/15 16:22	WB
1,2,3-Trichloropropane	ND		ug/L	0.50	0.26	1	08/17/15	08/17/15 16:22	WB
1,2,4-Trimethylbenzene	ND		ug/L	0.50	0.04	1	08/17/15	08/17/15 16:22	WB
1,3,5-Trimethylbenzene	ND		ug/L	0.50	0.04	1	08/17/15	08/17/15 16:22	WB
Vinyl chloride	ND		ug/L	0.50	0.20	1	08/17/15	08/17/15 16:22	WB
o-Xylene	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 16:22	WB
m- & p-Xylenes	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 16:22	WB
Surrogate: 4-Bromofluorobenzene			80-120	94 %			08/17/15	08/17/15 16:22	
Surrogate: 1,2-Dichlorobenzene-d4			80-120	99 %			08/17/15	08/17/15 16:22	

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/25/15 16:22

MW-4

5081701-07 (Nonpotable Water)

Sample Date: 08/14/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	08/17/15	08/17/15 16:11	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	08/17/15	08/17/15 16:11	WB
tert-Amyl methyl ether (TAME)	8.0		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
Benzene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
Bromoform	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
Bromomethane	ND		ug/L	5.0	5.0	1	08/17/15	08/17/15 16:11	WB
tert-Butanol (TBA)	59.5		ug/L	15.0	15.0	1	08/17/15	08/17/15 16:11	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	08/17/15	08/17/15 16:11	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
Chloroethane	ND		ug/L	5.0	5.0	1	08/17/15	08/17/15 16:11	WB
Chloroform	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
Chloromethane	ND		ug/L	5.0	5.0	1	08/17/15	08/17/15 16:11	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/25/15 16:22

MW-4

5081701-07 (Nonpotable Water)

Sample Date: 08/14/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	08/17/15	08/17/15 16:11	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
Methyl tert-butyl ether (MTBE)	171		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	08/17/15	08/17/15 16:11	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	08/17/15	08/17/15 16:11	WB
Naphthalene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
Styrene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
Toluene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/25/15 16:22

MW-4

5081701-07 (Nonpotable Water)
Sample Date: 08/14/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
o-Xylene	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	08/17/15	08/17/15 16:11	WB
<i>Surrogate: 1,2-Dichloroethane-d4</i>				<i>111 %</i>			<i>08/17/15</i>	<i>08/17/15 16:11</i>	
<i>Surrogate: Toluene-d8</i>				<i>96 %</i>			<i>08/17/15</i>	<i>08/17/15 16:11</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>				<i>88 %</i>			<i>08/17/15</i>	<i>08/17/15 16:11</i>	
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0057	0.0057	1	08/25/15	08/25/15 11:18	CMK



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/25/15 16:22

LOT 7 WELL

5081701-08 (Nonpotable Water)

Sample Date: 08/14/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	250	250	25	08/17/15	08/17/15 17:18	WB
tert-Amyl alcohol (TAA)	ND		ug/L	500	500	25	08/17/15	08/17/15 17:18	WB
tert-Amyl methyl ether (TAME)	120	J	ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
Benzene	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
Bromobenzene	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
Bromochloromethane	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
Bromodichloromethane	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
Bromoform	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
Bromomethane	ND		ug/L	125	125	25	08/17/15	08/17/15 17:18	WB
tert-Butanol (TBA)	2410		ug/L	375	375	25	08/17/15	08/17/15 17:18	WB
2-Butanone (MEK)	ND		ug/L	250	250	25	08/17/15	08/17/15 17:18	WB
n-Butylbenzene	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
sec-Butylbenzene	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
tert-Butylbenzene	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
Carbon disulfide	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
Carbon tetrachloride	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
Chlorobenzene	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
Chloroethane	ND		ug/L	125	125	25	08/17/15	08/17/15 17:18	WB
Chloroform	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
Chloromethane	ND		ug/L	125	125	25	08/17/15	08/17/15 17:18	WB
2-Chlorotoluene	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
4-Chlorotoluene	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
Dibromochloromethane	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
1,2-Dibromoethane (EDB)	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
Dibromomethane	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
1,2-Dichlorobenzene	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
1,3-Dichlorobenzene	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
1,4-Dichlorobenzene	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
Dichlorodifluoromethane	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
1,1-Dichloroethane	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
1,2-Dichloroethane	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
1,1-Dichloroethene	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
cis-1,2-Dichloroethene	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB

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, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/25/15 16:22

LOT 7 WELL

5081701-08 (Nonpotable Water)

Sample Date: 08/14/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
Dichlorofluoromethane	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
1,2-Dichloropropane	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
1,3-Dichloropropane	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
2,2-Dichloropropane	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
1,1-Dichloropropene	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
cis-1,3-Dichloropropene	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
trans-1,3-Dichloropropene	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
Diisopropyl ether (DIPE)	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
Ethylbenzene	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
Hexachlorobutadiene	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
2-Hexanone	ND		ug/L	250	250	25	08/17/15	08/17/15 17:18	WB
Isopropylbenzene (Cumene)	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
4-Isopropyltoluene	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
Methyl tert-butyl ether (MTBE)	2720		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
4-Methyl-2-pentanone	ND		ug/L	250	250	25	08/17/15	08/17/15 17:18	WB
Methylene chloride	ND		ug/L	250	250	25	08/17/15	08/17/15 17:18	WB
Naphthalene	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
n-Propylbenzene	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
Styrene	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
Tetrachloroethene	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
Toluene	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
1,2,3-Trichlorobenzene	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
1,2,4-Trichlorobenzene	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
1,1,1-Trichloroethane	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
1,1,2-Trichloroethane	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
Trichloroethene	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
1,2,3-Trichloropropane	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
1,2,4-Trimethylbenzene	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
1,3,5-Trimethylbenzene	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/25/15 16:22

LOT 7 WELL

5081701-08 (Nonpotable Water)
Sample Date: 08/14/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
o-Xylene	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
m- & p-Xylenes	ND		ug/L	125	50.0	25	08/17/15	08/17/15 17:18	WB
<i>Surrogate: 1,2-Dichloroethane-d4</i>				<i>111 %</i>			<i>08/17/15</i>	<i>08/17/15 17:18</i>	
<i>Surrogate: Toluene-d8</i>				<i>96 %</i>			<i>08/17/15</i>	<i>08/17/15 17:18</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>				<i>87 %</i>			<i>08/17/15</i>	<i>08/17/15 17:18</i>	
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	0.0053		mg/L	0.0051	0.0051	1	08/25/15	08/25/15 11:36	CMK



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/25/15 16:22

2040-DW

5081701-09 (Nonpotable Water)

Sample Date: 08/14/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS)									
tert-Amyl alcohol (TAA)	ND		ug/L	10.0	10.0	1	08/17/15	08/17/15 16:55	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	0.50	0.13	1	08/17/15	08/17/15 16:55	WB
Benzene	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 16:55	WB
Bromobenzene	ND		ug/L	0.50	0.10	1	08/17/15	08/17/15 16:55	WB
Bromochloromethane	ND		ug/L	0.50	0.14	1	08/17/15	08/17/15 16:55	WB
Bromodichloromethane	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 16:55	WB
Bromoform	ND		ug/L	0.50	0.14	1	08/17/15	08/17/15 16:55	WB
Bromomethane	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 16:55	WB
tert-Butanol (TBA)	ND		ug/L	10.0	1.81	1	08/17/15	08/17/15 16:55	WB
n-Butylbenzene	ND		ug/L	0.50	0.05	1	08/17/15	08/17/15 16:55	WB
sec-Butylbenzene	ND		ug/L	0.50	0.05	1	08/17/15	08/17/15 16:55	WB
tert-Butylbenzene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 16:55	WB
Carbon tetrachloride	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 16:55	WB
Chlorobenzene	ND		ug/L	0.50	0.05	1	08/17/15	08/17/15 16:55	WB
Chloroethane	ND		ug/L	0.50	0.13	1	08/17/15	08/17/15 16:55	WB
Chloroform	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 16:55	WB
Chloromethane	ND		ug/L	0.50	0.25	1	08/17/15	08/17/15 16:55	WB
2-Chlorotoluene	ND		ug/L	0.50	0.20	1	08/17/15	08/17/15 16:55	WB
4-Chlorotoluene	ND		ug/L	0.50	0.20	1	08/17/15	08/17/15 16:55	WB
Dibromochloromethane	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 16:55	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	0.50	0.18	1	08/17/15	08/17/15 16:55	WB
1,2-Dibromoethane (EDB)	ND		ug/L	0.50	0.08	1	08/17/15	08/17/15 16:55	WB
Dibromomethane	ND		ug/L	0.50	0.16	1	08/17/15	08/17/15 16:55	WB
1,2-Dichlorobenzene	ND		ug/L	0.50	0.10	1	08/17/15	08/17/15 16:55	WB
1,3-Dichlorobenzene	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 16:55	WB
1,4-Dichlorobenzene	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 16:55	WB
Dichlorodifluoromethane	ND		ug/L	0.50	0.33	1	08/17/15	08/17/15 16:55	WB
1,1-Dichloroethane	ND		ug/L	0.50	0.05	1	08/17/15	08/17/15 16:55	WB
1,2-Dichloroethane	ND		ug/L	0.50	0.11	1	08/17/15	08/17/15 16:55	WB
1,1-Dichloroethene	ND		ug/L	0.50	0.11	1	08/17/15	08/17/15 16:55	WB
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.08	1	08/17/15	08/17/15 16:55	WB
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.09	1	08/17/15	08/17/15 16:55	WB
1,2-Dichloropropane	ND		ug/L	0.50	0.10	1	08/17/15	08/17/15 16:55	WB
1,3-Dichloropropane	ND		ug/L	0.50	0.13	1	08/17/15	08/17/15 16:55	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/25/15 16:22

2040-DW

5081701-09 (Nonpotable Water)

Sample Date: 08/14/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS) (continued)									
2,2-Dichloropropane	ND		ug/L	0.50	0.12	1	08/17/15	08/17/15 16:55	WB
1,1-Dichloropropene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 16:55	WB
cis-1,3-Dichloropropene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 16:55	WB
trans-1,3-Dichloropropene	ND		ug/L	0.50	0.08	1	08/17/15	08/17/15 16:55	WB
Diisopropyl ether (DIPE)	ND		ug/L	0.50	0.19	1	08/17/15	08/17/15 16:55	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.50	0.24	1	08/17/15	08/17/15 16:55	WB
Ethylbenzene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 16:55	WB
Hexachlorobutadiene	ND		ug/L	0.50	0.21	1	08/17/15	08/17/15 16:55	WB
Isopropylbenzene (Cumene)	ND		ug/L	0.50	0.04	1	08/17/15	08/17/15 16:55	WB
4-Isopropyltoluene	ND		ug/L	0.50	0.03	1	08/17/15	08/17/15 16:55	WB
Methyl tert-butyl ether (MTBE)	0.22	J	ug/L	0.50	0.21	1	08/17/15	08/17/15 16:55	WB
Methylene chloride	0.27	J	ug/L	0.50	0.24	1	08/17/15	08/17/15 16:55	WB
Naphthalene	ND		ug/L	0.50	0.17	1	08/17/15	08/17/15 16:55	WB
n-Propylbenzene	ND		ug/L	0.50	0.05	1	08/17/15	08/17/15 16:55	WB
Styrene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 16:55	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.08	1	08/17/15	08/17/15 16:55	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.08	1	08/17/15	08/17/15 16:55	WB
Tetrachloroethene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 16:55	WB
Toluene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 16:55	WB
1,2,3-Trichlorobenzene	ND		ug/L	0.50	0.15	1	08/17/15	08/17/15 16:55	WB
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 16:55	WB
1,1,1-Trichloroethane	ND		ug/L	0.50	0.09	1	08/17/15	08/17/15 16:55	WB
1,1,2-Trichloroethane	ND		ug/L	0.50	0.16	1	08/17/15	08/17/15 16:55	WB
Trichloroethene	ND		ug/L	0.50	0.06	1	08/17/15	08/17/15 16:55	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	0.50	0.29	1	08/17/15	08/17/15 16:55	WB
1,2,3-Trichloropropane	ND		ug/L	0.50	0.26	1	08/17/15	08/17/15 16:55	WB
1,2,4-Trimethylbenzene	ND		ug/L	0.50	0.04	1	08/17/15	08/17/15 16:55	WB
1,3,5-Trimethylbenzene	ND		ug/L	0.50	0.04	1	08/17/15	08/17/15 16:55	WB
Vinyl chloride	ND		ug/L	0.50	0.20	1	08/17/15	08/17/15 16:55	WB
o-Xylene	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 16:55	WB
m- & p-Xylenes	ND		ug/L	0.50	0.07	1	08/17/15	08/17/15 16:55	WB
Surrogate: 4-Bromofluorobenzene			80-120	96 %			08/17/15	08/17/15 16:55	
Surrogate: 1,2-Dichlorobenzene-d4			80-120	97 %			08/17/15	08/17/15 16:55	

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Will Brewington, Staff Chemist

Analytical Results

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

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
08/25/15 16:22

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



Will Brewington, Staff Chemist

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29 September 2015

Kevin Howard
Chesapeake GeoSciences, Inc.
5405 Twin Knolls Rd, Suite I
Columbia, MD 21045
RE: LITTLE GEORGE'S DELI (8-1564CL)

Enclosed are the results of analyses for samples received by the laboratory on 09/23/15 13:12.

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

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

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

Sincerely,



Will Brewington
Staff Chemist

Analytical Results

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

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
09/29/15 15:43

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
2173-DW-PRE		5092317-01	Nonpotable Water	09/23/15 10:40	09/23/15 13:12
2173-DW-MID		5092317-02	Nonpotable Water	09/23/15 10:35	09/23/15 13:12
2173-DW-POST		5092317-03	Nonpotable Water	09/23/15 10:30	09/23/15 13:12
DW-FB		5092317-04	Nonpotable Water	09/23/15 10:45	09/23/15 13:12
2040-DW		5092317-05	Nonpotable Water	09/23/15 12:20	09/23/15 13:12



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
09/29/15 15:43

2173-DW-PRE

5092317-01 (Nonpotable Water)

Sample Date: 09/23/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS)									
tert-Amyl alcohol (TAA)	ND		ug/L	10.0	10.0	1	09/27/15	09/27/15 01:45	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	0.50	0.13	1	09/27/15	09/27/15 01:45	WB
Benzene	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 01:45	WB
Bromobenzene	ND		ug/L	0.50	0.10	1	09/27/15	09/27/15 01:45	WB
Bromochloromethane	ND		ug/L	0.50	0.14	1	09/27/15	09/27/15 01:45	WB
Bromodichloromethane	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 01:45	WB
Bromoform	ND		ug/L	0.50	0.14	1	09/27/15	09/27/15 01:45	WB
Bromomethane	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 01:45	WB
tert-Butanol (TBA)	ND		ug/L	10.0	1.81	1	09/27/15	09/27/15 01:45	WB
n-Butylbenzene	ND		ug/L	0.50	0.05	1	09/27/15	09/27/15 01:45	WB
sec-Butylbenzene	ND		ug/L	0.50	0.05	1	09/27/15	09/27/15 01:45	WB
tert-Butylbenzene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 01:45	WB
Carbon tetrachloride	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 01:45	WB
Chlorobenzene	ND		ug/L	0.50	0.05	1	09/27/15	09/27/15 01:45	WB
Chloroethane	ND		ug/L	0.50	0.13	1	09/27/15	09/27/15 01:45	WB
Chloroform	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 01:45	WB
Chloromethane	ND		ug/L	0.50	0.25	1	09/27/15	09/27/15 01:45	WB
2-Chlorotoluene	ND		ug/L	0.50	0.20	1	09/27/15	09/27/15 01:45	WB
4-Chlorotoluene	ND		ug/L	0.50	0.20	1	09/27/15	09/27/15 01:45	WB
Dibromochloromethane	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 01:45	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	0.50	0.18	1	09/27/15	09/27/15 01:45	WB
1,2-Dibromoethane (EDB)	ND		ug/L	0.50	0.08	1	09/27/15	09/27/15 01:45	WB
Dibromomethane	ND		ug/L	0.50	0.16	1	09/27/15	09/27/15 01:45	WB
1,2-Dichlorobenzene	ND		ug/L	0.50	0.10	1	09/27/15	09/27/15 01:45	WB
1,3-Dichlorobenzene	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 01:45	WB
1,4-Dichlorobenzene	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 01:45	WB
Dichlorodifluoromethane	ND		ug/L	0.50	0.33	1	09/27/15	09/27/15 01:45	WB
1,1-Dichloroethane	ND		ug/L	0.50	0.05	1	09/27/15	09/27/15 01:45	WB
1,2-Dichloroethane	ND		ug/L	0.50	0.11	1	09/27/15	09/27/15 01:45	WB
1,1-Dichloroethene	ND		ug/L	0.50	0.11	1	09/27/15	09/27/15 01:45	WB
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.08	1	09/27/15	09/27/15 01:45	WB
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.09	1	09/27/15	09/27/15 01:45	WB
1,2-Dichloropropane	ND		ug/L	0.50	0.10	1	09/27/15	09/27/15 01:45	WB
1,3-Dichloropropane	ND		ug/L	0.50	0.13	1	09/27/15	09/27/15 01:45	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
09/29/15 15:43

2173-DW-PRE

5092317-01 (Nonpotable Water)
Sample Date: 09/23/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS) (continued)									
2,2-Dichloropropane	ND		ug/L	0.50	0.12	1	09/27/15	09/27/15 01:45	WB
1,1-Dichloropropene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 01:45	WB
cis-1,3-Dichloropropene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 01:45	WB
trans-1,3-Dichloropropene	ND		ug/L	0.50	0.08	1	09/27/15	09/27/15 01:45	WB
Diisopropyl ether (DIPE)	ND		ug/L	0.50	0.19	1	09/27/15	09/27/15 01:45	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.50	0.24	1	09/27/15	09/27/15 01:45	WB
Ethylbenzene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 01:45	WB
Hexachlorobutadiene	ND		ug/L	0.50	0.21	1	09/27/15	09/27/15 01:45	WB
Isopropylbenzene (Cumene)	ND		ug/L	0.50	0.04	1	09/27/15	09/27/15 01:45	WB
4-Isopropyltoluene	ND		ug/L	0.50	0.03	1	09/27/15	09/27/15 01:45	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	0.50	0.21	1	09/27/15	09/27/15 01:45	WB
Methylene chloride	ND		ug/L	0.50	0.24	1	09/27/15	09/27/15 01:45	WB
Naphthalene	ND		ug/L	0.50	0.17	1	09/27/15	09/27/15 01:45	WB
n-Propylbenzene	ND		ug/L	0.50	0.05	1	09/27/15	09/27/15 01:45	WB
Styrene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 01:45	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.08	1	09/27/15	09/27/15 01:45	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.08	1	09/27/15	09/27/15 01:45	WB
Tetrachloroethene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 01:45	WB
Toluene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 01:45	WB
1,2,3-Trichlorobenzene	ND		ug/L	0.50	0.15	1	09/27/15	09/27/15 01:45	WB
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 01:45	WB
1,1,1-Trichloroethane	ND		ug/L	0.50	0.09	1	09/27/15	09/27/15 01:45	WB
1,1,2-Trichloroethane	ND		ug/L	0.50	0.16	1	09/27/15	09/27/15 01:45	WB
Trichloroethene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 01:45	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	0.50	0.29	1	09/27/15	09/27/15 01:45	WB
1,2,3-Trichloropropane	ND		ug/L	0.50	0.26	1	09/27/15	09/27/15 01:45	WB
1,2,4-Trimethylbenzene	ND		ug/L	0.50	0.04	1	09/27/15	09/27/15 01:45	WB
1,3,5-Trimethylbenzene	ND		ug/L	0.50	0.04	1	09/27/15	09/27/15 01:45	WB
Vinyl chloride	ND		ug/L	0.50	0.20	1	09/27/15	09/27/15 01:45	WB
o-Xylene	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 01:45	WB
m- & p-Xylenes	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 01:45	WB
Surrogate: 4-Bromofluorobenzene		80-120		81 %			09/27/15	09/27/15 01:45	
Surrogate: 1,2-Dichlorobenzene-d4		80-120		86 %			09/27/15	09/27/15 01:45	

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, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
09/29/15 15:43

2173-DW-MID

5092317-02 (Nonpotable Water)

Sample Date: 09/23/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS)									
tert-Amyl alcohol (TAA)	ND		ug/L	10.0	10.0	1	09/27/15	09/27/15 02:18	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	0.50	0.13	1	09/27/15	09/27/15 02:18	WB
Benzene	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 02:18	WB
Bromobenzene	ND		ug/L	0.50	0.10	1	09/27/15	09/27/15 02:18	WB
Bromochloromethane	ND		ug/L	0.50	0.14	1	09/27/15	09/27/15 02:18	WB
Bromodichloromethane	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 02:18	WB
Bromoform	ND		ug/L	0.50	0.14	1	09/27/15	09/27/15 02:18	WB
Bromomethane	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 02:18	WB
tert-Butanol (TBA)	ND		ug/L	10.0	1.81	1	09/27/15	09/27/15 02:18	WB
n-Butylbenzene	ND		ug/L	0.50	0.05	1	09/27/15	09/27/15 02:18	WB
sec-Butylbenzene	ND		ug/L	0.50	0.05	1	09/27/15	09/27/15 02:18	WB
tert-Butylbenzene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 02:18	WB
Carbon tetrachloride	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 02:18	WB
Chlorobenzene	ND		ug/L	0.50	0.05	1	09/27/15	09/27/15 02:18	WB
Chloroethane	ND		ug/L	0.50	0.13	1	09/27/15	09/27/15 02:18	WB
Chloroform	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 02:18	WB
Chloromethane	ND		ug/L	0.50	0.25	1	09/27/15	09/27/15 02:18	WB
2-Chlorotoluene	ND		ug/L	0.50	0.20	1	09/27/15	09/27/15 02:18	WB
4-Chlorotoluene	ND		ug/L	0.50	0.20	1	09/27/15	09/27/15 02:18	WB
Dibromochloromethane	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 02:18	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	0.50	0.18	1	09/27/15	09/27/15 02:18	WB
1,2-Dibromoethane (EDB)	ND		ug/L	0.50	0.08	1	09/27/15	09/27/15 02:18	WB
Dibromomethane	ND		ug/L	0.50	0.16	1	09/27/15	09/27/15 02:18	WB
1,2-Dichlorobenzene	ND		ug/L	0.50	0.10	1	09/27/15	09/27/15 02:18	WB
1,3-Dichlorobenzene	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 02:18	WB
1,4-Dichlorobenzene	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 02:18	WB
Dichlorodifluoromethane	ND		ug/L	0.50	0.33	1	09/27/15	09/27/15 02:18	WB
1,1-Dichloroethane	ND		ug/L	0.50	0.05	1	09/27/15	09/27/15 02:18	WB
1,2-Dichloroethane	ND		ug/L	0.50	0.11	1	09/27/15	09/27/15 02:18	WB
1,1-Dichloroethene	ND		ug/L	0.50	0.11	1	09/27/15	09/27/15 02:18	WB
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.08	1	09/27/15	09/27/15 02:18	WB
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.09	1	09/27/15	09/27/15 02:18	WB
1,2-Dichloropropane	ND		ug/L	0.50	0.10	1	09/27/15	09/27/15 02:18	WB
1,3-Dichloropropane	ND		ug/L	0.50	0.13	1	09/27/15	09/27/15 02:18	WB

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
09/29/15 15:43

2173-DW-MID

5092317-02 (Nonpotable Water)

Sample Date: 09/23/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS) (continued)									
2,2-Dichloropropane	ND		ug/L	0.50	0.12	1	09/27/15	09/27/15 02:18	WB
1,1-Dichloropropene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 02:18	WB
cis-1,3-Dichloropropene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 02:18	WB
trans-1,3-Dichloropropene	ND		ug/L	0.50	0.08	1	09/27/15	09/27/15 02:18	WB
Diisopropyl ether (DIPE)	ND		ug/L	0.50	0.19	1	09/27/15	09/27/15 02:18	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.50	0.24	1	09/27/15	09/27/15 02:18	WB
Ethylbenzene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 02:18	WB
Hexachlorobutadiene	ND		ug/L	0.50	0.21	1	09/27/15	09/27/15 02:18	WB
Isopropylbenzene (Cumene)	ND		ug/L	0.50	0.04	1	09/27/15	09/27/15 02:18	WB
4-Isopropyltoluene	ND		ug/L	0.50	0.03	1	09/27/15	09/27/15 02:18	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	0.50	0.21	1	09/27/15	09/27/15 02:18	WB
Methylene chloride	ND		ug/L	0.50	0.24	1	09/27/15	09/27/15 02:18	WB
Naphthalene	ND		ug/L	0.50	0.17	1	09/27/15	09/27/15 02:18	WB
n-Propylbenzene	ND		ug/L	0.50	0.05	1	09/27/15	09/27/15 02:18	WB
Styrene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 02:18	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.08	1	09/27/15	09/27/15 02:18	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.08	1	09/27/15	09/27/15 02:18	WB
Tetrachloroethene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 02:18	WB
Toluene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 02:18	WB
1,2,3-Trichlorobenzene	ND		ug/L	0.50	0.15	1	09/27/15	09/27/15 02:18	WB
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 02:18	WB
1,1,1-Trichloroethane	ND		ug/L	0.50	0.09	1	09/27/15	09/27/15 02:18	WB
1,1,2-Trichloroethane	ND		ug/L	0.50	0.16	1	09/27/15	09/27/15 02:18	WB
Trichloroethene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 02:18	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	0.50	0.29	1	09/27/15	09/27/15 02:18	WB
1,2,3-Trichloropropane	ND		ug/L	0.50	0.26	1	09/27/15	09/27/15 02:18	WB
1,2,4-Trimethylbenzene	ND		ug/L	0.50	0.04	1	09/27/15	09/27/15 02:18	WB
1,3,5-Trimethylbenzene	ND		ug/L	0.50	0.04	1	09/27/15	09/27/15 02:18	WB
Vinyl chloride	ND		ug/L	0.50	0.20	1	09/27/15	09/27/15 02:18	WB
o-Xylene	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 02:18	WB
m- & p-Xylenes	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 02:18	WB
Surrogate: 4-Bromofluorobenzene		80-120		85 %			09/27/15	09/27/15 02:18	
Surrogate: 1,2-Dichlorobenzene-d4		80-120		90 %			09/27/15	09/27/15 02:18	

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
09/29/15 15:43

2173-DW-POST

5092317-03 (Nonpotable Water)
Sample Date: 09/23/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS)									
tert-Amyl alcohol (TAA)	ND		ug/L	10.0	10.0	1	09/27/15	09/27/15 02:51	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	0.50	0.13	1	09/27/15	09/27/15 02:51	WB
Benzene	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 02:51	WB
Bromobenzene	ND		ug/L	0.50	0.10	1	09/27/15	09/27/15 02:51	WB
Bromochloromethane	ND		ug/L	0.50	0.14	1	09/27/15	09/27/15 02:51	WB
Bromodichloromethane	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 02:51	WB
Bromoform	ND		ug/L	0.50	0.14	1	09/27/15	09/27/15 02:51	WB
Bromomethane	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 02:51	WB
tert-Butanol (TBA)	ND		ug/L	10.0	1.81	1	09/27/15	09/27/15 02:51	WB
n-Butylbenzene	ND		ug/L	0.50	0.05	1	09/27/15	09/27/15 02:51	WB
sec-Butylbenzene	ND		ug/L	0.50	0.05	1	09/27/15	09/27/15 02:51	WB
tert-Butylbenzene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 02:51	WB
Carbon tetrachloride	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 02:51	WB
Chlorobenzene	ND		ug/L	0.50	0.05	1	09/27/15	09/27/15 02:51	WB
Chloroethane	ND		ug/L	0.50	0.13	1	09/27/15	09/27/15 02:51	WB
Chloroform	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 02:51	WB
Chloromethane	ND		ug/L	0.50	0.25	1	09/27/15	09/27/15 02:51	WB
2-Chlorotoluene	ND		ug/L	0.50	0.20	1	09/27/15	09/27/15 02:51	WB
4-Chlorotoluene	ND		ug/L	0.50	0.20	1	09/27/15	09/27/15 02:51	WB
Dibromochloromethane	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 02:51	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	0.50	0.18	1	09/27/15	09/27/15 02:51	WB
1,2-Dibromoethane (EDB)	ND		ug/L	0.50	0.08	1	09/27/15	09/27/15 02:51	WB
Dibromomethane	ND		ug/L	0.50	0.16	1	09/27/15	09/27/15 02:51	WB
1,2-Dichlorobenzene	ND		ug/L	0.50	0.10	1	09/27/15	09/27/15 02:51	WB
1,3-Dichlorobenzene	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 02:51	WB
1,4-Dichlorobenzene	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 02:51	WB
Dichlorodifluoromethane	ND		ug/L	0.50	0.33	1	09/27/15	09/27/15 02:51	WB
1,1-Dichloroethane	ND		ug/L	0.50	0.05	1	09/27/15	09/27/15 02:51	WB
1,2-Dichloroethane	ND		ug/L	0.50	0.11	1	09/27/15	09/27/15 02:51	WB
1,1-Dichloroethene	ND		ug/L	0.50	0.11	1	09/27/15	09/27/15 02:51	WB
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.08	1	09/27/15	09/27/15 02:51	WB
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.09	1	09/27/15	09/27/15 02:51	WB
1,2-Dichloropropane	ND		ug/L	0.50	0.10	1	09/27/15	09/27/15 02:51	WB
1,3-Dichloropropane	ND		ug/L	0.50	0.13	1	09/27/15	09/27/15 02:51	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
09/29/15 15:43

2173-DW-POST

5092317-03 (Nonpotable Water)
Sample Date: 09/23/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS) (continued)									
2,2-Dichloropropane	ND		ug/L	0.50	0.12	1	09/27/15	09/27/15 02:51	WB
1,1-Dichloropropene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 02:51	WB
cis-1,3-Dichloropropene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 02:51	WB
trans-1,3-Dichloropropene	ND		ug/L	0.50	0.08	1	09/27/15	09/27/15 02:51	WB
Diisopropyl ether (DIPE)	ND		ug/L	0.50	0.19	1	09/27/15	09/27/15 02:51	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.50	0.24	1	09/27/15	09/27/15 02:51	WB
Ethylbenzene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 02:51	WB
Hexachlorobutadiene	ND		ug/L	0.50	0.21	1	09/27/15	09/27/15 02:51	WB
Isopropylbenzene (Cumene)	ND		ug/L	0.50	0.04	1	09/27/15	09/27/15 02:51	WB
4-Isopropyltoluene	ND		ug/L	0.50	0.03	1	09/27/15	09/27/15 02:51	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	0.50	0.21	1	09/27/15	09/27/15 02:51	WB
Methylene chloride	ND		ug/L	0.50	0.24	1	09/27/15	09/27/15 02:51	WB
Naphthalene	ND		ug/L	0.50	0.17	1	09/27/15	09/27/15 02:51	WB
n-Propylbenzene	ND		ug/L	0.50	0.05	1	09/27/15	09/27/15 02:51	WB
Styrene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 02:51	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.08	1	09/27/15	09/27/15 02:51	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.08	1	09/27/15	09/27/15 02:51	WB
Tetrachloroethene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 02:51	WB
Toluene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 02:51	WB
1,2,3-Trichlorobenzene	ND		ug/L	0.50	0.15	1	09/27/15	09/27/15 02:51	WB
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 02:51	WB
1,1,1-Trichloroethane	ND		ug/L	0.50	0.09	1	09/27/15	09/27/15 02:51	WB
1,1,2-Trichloroethane	ND		ug/L	0.50	0.16	1	09/27/15	09/27/15 02:51	WB
Trichloroethene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 02:51	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	0.50	0.29	1	09/27/15	09/27/15 02:51	WB
1,2,3-Trichloropropane	ND		ug/L	0.50	0.26	1	09/27/15	09/27/15 02:51	WB
1,2,4-Trimethylbenzene	ND		ug/L	0.50	0.04	1	09/27/15	09/27/15 02:51	WB
1,3,5-Trimethylbenzene	ND		ug/L	0.50	0.04	1	09/27/15	09/27/15 02:51	WB
Vinyl chloride	ND		ug/L	0.50	0.20	1	09/27/15	09/27/15 02:51	WB
o-Xylene	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 02:51	WB
m- & p-Xylenes	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 02:51	WB
Surrogate: 4-Bromofluorobenzene		80-120		83 %			09/27/15	09/27/15 02:51	
Surrogate: 1,2-Dichlorobenzene-d4		80-120		85 %			09/27/15	09/27/15 02:51	

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
09/29/15 15:43

DW-FB

5092317-04 (Nonpotable Water)

Sample Date: 09/23/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS)									
tert-Amyl alcohol (TAA)	ND		ug/L	10.0	10.0	1	09/27/15	09/27/15 03:24	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	0.50	0.13	1	09/27/15	09/27/15 03:24	WB
Benzene	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 03:24	WB
Bromobenzene	ND		ug/L	0.50	0.10	1	09/27/15	09/27/15 03:24	WB
Bromochloromethane	ND		ug/L	0.50	0.14	1	09/27/15	09/27/15 03:24	WB
Bromodichloromethane	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 03:24	WB
Bromoform	ND		ug/L	0.50	0.14	1	09/27/15	09/27/15 03:24	WB
Bromomethane	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 03:24	WB
tert-Butanol (TBA)	3.51	J	ug/L	10.0	1.81	1	09/27/15	09/27/15 03:24	WB
n-Butylbenzene	ND		ug/L	0.50	0.05	1	09/27/15	09/27/15 03:24	WB
sec-Butylbenzene	ND		ug/L	0.50	0.05	1	09/27/15	09/27/15 03:24	WB
tert-Butylbenzene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 03:24	WB
Carbon tetrachloride	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 03:24	WB
Chlorobenzene	ND		ug/L	0.50	0.05	1	09/27/15	09/27/15 03:24	WB
Chloroethane	ND		ug/L	0.50	0.13	1	09/27/15	09/27/15 03:24	WB
Chloroform	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 03:24	WB
Chloromethane	ND		ug/L	0.50	0.25	1	09/27/15	09/27/15 03:24	WB
2-Chlorotoluene	ND		ug/L	0.50	0.20	1	09/27/15	09/27/15 03:24	WB
4-Chlorotoluene	ND		ug/L	0.50	0.20	1	09/27/15	09/27/15 03:24	WB
Dibromochloromethane	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 03:24	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	0.50	0.18	1	09/27/15	09/27/15 03:24	WB
1,2-Dibromoethane (EDB)	ND		ug/L	0.50	0.08	1	09/27/15	09/27/15 03:24	WB
Dibromomethane	ND		ug/L	0.50	0.16	1	09/27/15	09/27/15 03:24	WB
1,2-Dichlorobenzene	ND		ug/L	0.50	0.10	1	09/27/15	09/27/15 03:24	WB
1,3-Dichlorobenzene	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 03:24	WB
1,4-Dichlorobenzene	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 03:24	WB
Dichlorodifluoromethane	ND		ug/L	0.50	0.33	1	09/27/15	09/27/15 03:24	WB
1,1-Dichloroethane	ND		ug/L	0.50	0.05	1	09/27/15	09/27/15 03:24	WB
1,2-Dichloroethane	ND		ug/L	0.50	0.11	1	09/27/15	09/27/15 03:24	WB
1,1-Dichloroethene	ND		ug/L	0.50	0.11	1	09/27/15	09/27/15 03:24	WB
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.08	1	09/27/15	09/27/15 03:24	WB
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.09	1	09/27/15	09/27/15 03:24	WB
1,2-Dichloropropane	ND		ug/L	0.50	0.10	1	09/27/15	09/27/15 03:24	WB
1,3-Dichloropropane	ND		ug/L	0.50	0.13	1	09/27/15	09/27/15 03:24	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
09/29/15 15:43

DW-FB

5092317-04 (Nonpotable Water)
Sample Date: 09/23/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS) (continued)									
2,2-Dichloropropane	ND		ug/L	0.50	0.12	1	09/27/15	09/27/15 03:24	WB
1,1-Dichloropropene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 03:24	WB
cis-1,3-Dichloropropene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 03:24	WB
trans-1,3-Dichloropropene	ND		ug/L	0.50	0.08	1	09/27/15	09/27/15 03:24	WB
Diisopropyl ether (DIPE)	ND		ug/L	0.50	0.19	1	09/27/15	09/27/15 03:24	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.50	0.24	1	09/27/15	09/27/15 03:24	WB
Ethylbenzene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 03:24	WB
Hexachlorobutadiene	ND		ug/L	0.50	0.21	1	09/27/15	09/27/15 03:24	WB
Isopropylbenzene (Cumene)	ND		ug/L	0.50	0.04	1	09/27/15	09/27/15 03:24	WB
4-Isopropyltoluene	ND		ug/L	0.50	0.03	1	09/27/15	09/27/15 03:24	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	0.50	0.21	1	09/27/15	09/27/15 03:24	WB
Methylene chloride	ND		ug/L	0.50	0.24	1	09/27/15	09/27/15 03:24	WB
Naphthalene	ND		ug/L	0.50	0.17	1	09/27/15	09/27/15 03:24	WB
n-Propylbenzene	ND		ug/L	0.50	0.05	1	09/27/15	09/27/15 03:24	WB
Styrene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 03:24	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.08	1	09/27/15	09/27/15 03:24	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.08	1	09/27/15	09/27/15 03:24	WB
Tetrachloroethene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 03:24	WB
Toluene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 03:24	WB
1,2,3-Trichlorobenzene	ND		ug/L	0.50	0.15	1	09/27/15	09/27/15 03:24	WB
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 03:24	WB
1,1,1-Trichloroethane	ND		ug/L	0.50	0.09	1	09/27/15	09/27/15 03:24	WB
1,1,2-Trichloroethane	ND		ug/L	0.50	0.16	1	09/27/15	09/27/15 03:24	WB
Trichloroethene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 03:24	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	0.50	0.29	1	09/27/15	09/27/15 03:24	WB
1,2,3-Trichloropropane	ND		ug/L	0.50	0.26	1	09/27/15	09/27/15 03:24	WB
1,2,4-Trimethylbenzene	ND		ug/L	0.50	0.04	1	09/27/15	09/27/15 03:24	WB
1,3,5-Trimethylbenzene	ND		ug/L	0.50	0.04	1	09/27/15	09/27/15 03:24	WB
Vinyl chloride	ND		ug/L	0.50	0.20	1	09/27/15	09/27/15 03:24	WB
o-Xylene	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 03:24	WB
m- & p-Xylenes	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 03:24	WB
Surrogate: 4-Bromofluorobenzene		80-120		86 %	09/27/15		09/27/15 03:24		
Surrogate: 1,2-Dichlorobenzene-d4		80-120		87 %	09/27/15		09/27/15 03:24		

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
09/29/15 15:43

2040-DW

5092317-05 (Nonpotable Water)
Sample Date: 09/23/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS)									
tert-Amyl alcohol (TAA)	ND		ug/L	10.0	10.0	1	09/27/15	09/27/15 03:57	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	0.50	0.13	1	09/27/15	09/27/15 03:57	WB
Benzene	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 03:57	WB
Bromobenzene	ND		ug/L	0.50	0.10	1	09/27/15	09/27/15 03:57	WB
Bromochloromethane	ND		ug/L	0.50	0.14	1	09/27/15	09/27/15 03:57	WB
Bromodichloromethane	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 03:57	WB
Bromoform	ND		ug/L	0.50	0.14	1	09/27/15	09/27/15 03:57	WB
Bromomethane	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 03:57	WB
tert-Butanol (TBA)	ND		ug/L	10.0	1.81	1	09/27/15	09/27/15 03:57	WB
n-Butylbenzene	ND		ug/L	0.50	0.05	1	09/27/15	09/27/15 03:57	WB
sec-Butylbenzene	ND		ug/L	0.50	0.05	1	09/27/15	09/27/15 03:57	WB
tert-Butylbenzene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 03:57	WB
Carbon tetrachloride	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 03:57	WB
Chlorobenzene	ND		ug/L	0.50	0.05	1	09/27/15	09/27/15 03:57	WB
Chloroethane	ND		ug/L	0.50	0.13	1	09/27/15	09/27/15 03:57	WB
Chloroform	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 03:57	WB
Chloromethane	ND		ug/L	0.50	0.25	1	09/27/15	09/27/15 03:57	WB
2-Chlorotoluene	ND		ug/L	0.50	0.20	1	09/27/15	09/27/15 03:57	WB
4-Chlorotoluene	ND		ug/L	0.50	0.20	1	09/27/15	09/27/15 03:57	WB
Dibromochloromethane	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 03:57	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	0.50	0.18	1	09/27/15	09/27/15 03:57	WB
1,2-Dibromoethane (EDB)	ND		ug/L	0.50	0.08	1	09/27/15	09/27/15 03:57	WB
Dibromomethane	ND		ug/L	0.50	0.16	1	09/27/15	09/27/15 03:57	WB
1,2-Dichlorobenzene	ND		ug/L	0.50	0.10	1	09/27/15	09/27/15 03:57	WB
1,3-Dichlorobenzene	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 03:57	WB
1,4-Dichlorobenzene	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 03:57	WB
Dichlorodifluoromethane	ND		ug/L	0.50	0.33	1	09/27/15	09/27/15 03:57	WB
1,1-Dichloroethane	ND		ug/L	0.50	0.05	1	09/27/15	09/27/15 03:57	WB
1,2-Dichloroethane	ND		ug/L	0.50	0.11	1	09/27/15	09/27/15 03:57	WB
1,1-Dichloroethene	ND		ug/L	0.50	0.11	1	09/27/15	09/27/15 03:57	WB
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.08	1	09/27/15	09/27/15 03:57	WB
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.09	1	09/27/15	09/27/15 03:57	WB
1,2-Dichloropropane	ND		ug/L	0.50	0.10	1	09/27/15	09/27/15 03:57	WB
1,3-Dichloropropane	ND		ug/L	0.50	0.13	1	09/27/15	09/27/15 03:57	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
09/29/15 15:43

2040-DW

5092317-05 (Nonpotable Water)
Sample Date: 09/23/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS) (continued)									
2,2-Dichloropropane	ND		ug/L	0.50	0.12	1	09/27/15	09/27/15 03:57	WB
1,1-Dichloropropene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 03:57	WB
cis-1,3-Dichloropropene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 03:57	WB
trans-1,3-Dichloropropene	ND		ug/L	0.50	0.08	1	09/27/15	09/27/15 03:57	WB
Diisopropyl ether (DIPE)	ND		ug/L	0.50	0.19	1	09/27/15	09/27/15 03:57	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.50	0.24	1	09/27/15	09/27/15 03:57	WB
Ethylbenzene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 03:57	WB
Hexachlorobutadiene	ND		ug/L	0.50	0.21	1	09/27/15	09/27/15 03:57	WB
Isopropylbenzene (Cumene)	ND		ug/L	0.50	0.04	1	09/27/15	09/27/15 03:57	WB
4-Isopropyltoluene	ND		ug/L	0.50	0.03	1	09/27/15	09/27/15 03:57	WB
Methyl tert-butyl ether (MTBE)	0.39	J	ug/L	0.50	0.21	1	09/27/15	09/27/15 03:57	WB
Methylene chloride	ND		ug/L	0.50	0.24	1	09/27/15	09/27/15 03:57	WB
Naphthalene	ND		ug/L	0.50	0.17	1	09/27/15	09/27/15 03:57	WB
n-Propylbenzene	ND		ug/L	0.50	0.05	1	09/27/15	09/27/15 03:57	WB
Styrene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 03:57	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.08	1	09/27/15	09/27/15 03:57	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.08	1	09/27/15	09/27/15 03:57	WB
Tetrachloroethene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 03:57	WB
Toluene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 03:57	WB
1,2,3-Trichlorobenzene	ND		ug/L	0.50	0.15	1	09/27/15	09/27/15 03:57	WB
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 03:57	WB
1,1,1-Trichloroethane	ND		ug/L	0.50	0.09	1	09/27/15	09/27/15 03:57	WB
1,1,2-Trichloroethane	ND		ug/L	0.50	0.16	1	09/27/15	09/27/15 03:57	WB
Trichloroethene	ND		ug/L	0.50	0.06	1	09/27/15	09/27/15 03:57	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	0.50	0.29	1	09/27/15	09/27/15 03:57	WB
1,2,3-Trichloropropane	ND		ug/L	0.50	0.26	1	09/27/15	09/27/15 03:57	WB
1,2,4-Trimethylbenzene	ND		ug/L	0.50	0.04	1	09/27/15	09/27/15 03:57	WB
1,3,5-Trimethylbenzene	ND		ug/L	0.50	0.04	1	09/27/15	09/27/15 03:57	WB
Vinyl chloride	ND		ug/L	0.50	0.20	1	09/27/15	09/27/15 03:57	WB
o-Xylene	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 03:57	WB
m- & p-Xylenes	ND		ug/L	0.50	0.07	1	09/27/15	09/27/15 03:57	WB
Surrogate: 4-Bromofluorobenzene			80-120	81 %			09/27/15	09/27/15 03:57	
Surrogate: 1,2-Dichlorobenzene-d4			80-120	85 %			09/27/15	09/27/15 03:57	

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Will Brewington, Staff Chemist

Analytical Results

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

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
09/29/15 15:43

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



Will Brewington, Staff Chemist

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FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 08/21/2015
REPORT NBR: 150821161754

LAB#: E040892-01

SAMPLE ID: Lot 4 Well

LOCATION:

DATE SAMPLED: 08/11/2015

TIME SAMPLED: 10:20AM

SAMPLER- M Staines, D Hobbs

DATE RECEIVED: 08/12/2015

TIME RECEIVED: 9:44AM

DELIVERED BY: Client

RECEIVED BY: Colin Alban

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	08/14/15 11:50	CHK	< 0.010 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	08/12/15 14:50	EJF	7.1 mg/L		0.2
\$ Sulfate	EPA 300.0	08/12/15 14:50	EJF	5.8 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 08/21/2015
REPORT NBR: 150821161754

LAB#: E040892-02

SAMPLE ID: Sentinel Well

LOCATION:

DATE SAMPLED: 08/11/2015

TIME SAMPLED: 1:00PM

SAMPLER- M Staines, D Hobbs

DATE RECEIVED: 08/12/2015

TIME RECEIVED: 9:44AM

DELIVERED BY: Client

RECEIVED BY: Colin Alban

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	08/14/15 11:57	CHK	< 0.010 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	08/12/15 15:07	EJF	6.9 mg/L		0.2
\$ Sulfate	EPA 300.0	08/12/15 15:07	EJF	< 1.0 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 08/21/2015
REPORT NBR: 150821161754

LAB#: E040892-03

SAMPLE ID: H-3

LOCATION:

DATE SAMPLED: 08/11/2015

TIME SAMPLED: 3:15PM

SAMPLER- M Staines, D Hobbs

DATE RECEIVED: 08/12/2015

TIME RECEIVED: 9:44AM

DELIVERED BY: Client

RECEIVED BY: Colin Alban

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	08/14/15 11:58	CHK	0.630 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	08/12/15 15:25	EJF	10.0 mg/L		0.2
\$ Sulfate	EPA 300.0	08/12/15 15:25	EJF	21.1 mg/L		1.0

ENVIRO-CHEM LABORATORIES, INC.



47 Loveton Circle, Suite K • Sparks, Maryland 21152

410-472-1112

FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 08/21/2015
REPORT NBR: 150821161754

LAB#: E040892-04

SAMPLE ID: MW-3

LOCATION:

DATE SAMPLED: 08/11/2015

TIME SAMPLED: 7:30PM

SAMPLER- M Staines, D Hobbs

DATE RECEIVED: 08/12/2015

TIME RECEIVED: 9:44AM

DELIVERED BY: Client

RECEIVED BY: Colin Alban

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	08/14/15 12:00	CHK	0.305 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	08/12/15 15:43	EJF	5.5 mg/L		0.2
\$ Sulfate	EPA 300.0	08/12/15 15:43	EJF	61.8 mg/L		1.0

ENVIRO-CHEM LABORATORIES, INC.



47 Loveton Circle, Suite K • Sparks, Maryland 21152

410-472-1112

FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 08/21/2015
REPORT NBR: 150821161754

LAB#: E040924-01

SAMPLE ID: MW-5

LOCATION:

DATE SAMPLED: 08/12/2015

TIME SAMPLED: 10:20AM

SAMPLER- M Staines, D Hobbs

DATE RECEIVED: 08/13/2015

TIME RECEIVED: 11:10AM

DELIVERED BY: M Collazo

RECEIVED BY: Stephen Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	08/20/15 14:11	CHK	0.227 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	08/13/15 13:54	EJF	5.1 mg/L		0.2
\$ Sulfate	EPA 300.0	08/13/15 13:54	EJF	3.2 mg/L		1.0

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410-472-1112

FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 08/21/2015
REPORT NBR: 150821161754

LAB#: E040924-02

SAMPLE ID: H-1A

LOCATION:

DATE SAMPLED: 08/12/2015

TIME SAMPLED: 2:05PM

SAMPLER- M Staines, D Hobbs

DATE RECEIVED: 08/13/2015

TIME RECEIVED: 11:10AM

DELIVERED BY: M Collazo

RECEIVED BY: Stephen Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	08/20/15 14:18	CHK	11.4 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	08/13/15 14:12	EJF	3.0 mg/L		0.2
\$ Sulfate	EPA 300.0	08/13/15 14:12	EJF	5.6 mg/L		1.0

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FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 08/21/2015
REPORT NBR: 150821161754

LAB#: E040924-03

SAMPLE ID: MW-7B

LOCATION:

DATE SAMPLED: 08/12/2015

TIME SAMPLED: 4:25PM

SAMPLER- M Staines, D Hobbs

DATE RECEIVED: 08/13/2015

TIME RECEIVED: 11:10AM

DELIVERED BY: M Collazo

RECEIVED BY: Stephen Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	08/20/15 14:19	CHK	2.08 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	08/13/15 14:30	EJF	0.7 mg/L		0.2
\$ Sulfate	EPA 300.0	08/13/15 14:30	EJF	3.6 mg/L		1.0

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FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 08/21/2015
REPORT NBR: 150821161754

LAB#: E040924-04

SAMPLE ID: MW-7R

LOCATION:

DATE SAMPLED: 08/12/2015

TIME SAMPLED: 6:15PM

SAMPLER- M Staines, D Hobbs

DATE RECEIVED: 08/13/2015

TIME RECEIVED: 11:10AM

DELIVERED BY: M Collazo

RECEIVED BY: Stephen Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	08/20/15 14:21	CHK	0.595 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	08/13/15 14:47	EJF	6.0 mg/L		0.2
\$ Sulfate	EPA 300.0	08/13/15 14:47	EJF	24.6 mg/L		1.0

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FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 08/21/2015
REPORT NBR: 150821161754

LAB#: E040924-05

SAMPLE ID: MW-7A

LOCATION:

DATE SAMPLED: 08/12/2015

TIME SAMPLED: 7:45PM

SAMPLER- M Staines, D Hobbs

DATE RECEIVED: 08/13/2015

TIME RECEIVED: 11:10AM

DELIVERED BY: M Collazo

RECEIVED BY: Stephen Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	08/20/15 14:22	CHK	0.072 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	08/13/15 15:40	EJF	5.9 mg/L		0.2
\$ Sulfate	EPA 300.0	08/13/15 15:40	EJF	6.9 mg/L		1.0

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410-472-1112

FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 08/21/2015
REPORT NBR: 150821161754

LAB#: E040964-01

SAMPLE ID: MW-1

LOCATION:

DATE SAMPLED: 08/13/2015

TIME SAMPLED: 1:45PM

SAMPLER- D Glancey, D Hobbs

DATE RECEIVED: 08/14/2015

TIME RECEIVED: 10:05AM

DELIVERED BY: M Collazo

RECEIVED BY: Colin Alban

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	08/20/15 14:27	CHK	4.53 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	08/14/15 18:47	EJF	6.1 mg/L		0.2
\$ Sulfate	EPA 300.0	08/14/15 18:47	EJF	6.8 mg/L		1.0

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410-472-1112

FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 08/21/2015
REPORT NBR: 150821161754

LAB#: E040964-02

SAMPLE ID: MW-1A

LOCATION:

DATE SAMPLED: 08/13/2015

TIME SAMPLED: 3:20PM

SAMPLER- D Glancey, D Hobbs

DATE RECEIVED: 08/14/2015

TIME RECEIVED: 10:05AM

DELIVERED BY: M Collazo

RECEIVED BY: Colin Alban

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	08/20/15 14:29	CHK	4.16 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	08/14/15 19:04	EJF	6.3 mg/L		0.2
\$ Sulfate	EPA 300.0	08/14/15 19:04	EJF	7.5 mg/L		1.0

ENVIRO-CHEM LABORATORIES, INC.



47 Loveton Circle, Suite K • Sparks, Maryland 21152

410-472-1112

FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 08/21/2015
REPORT NBR: 150821161754

LAB#: E040964-03

SAMPLE ID: MW-2

LOCATION:

DATE SAMPLED: 08/13/2015

TIME SAMPLED: 10:10AM

SAMPLER- D Glancey, D Hobbs

DATE RECEIVED: 08/14/2015

TIME RECEIVED: 10:05AM

DELIVERED BY: M Collazo

RECEIVED BY: Colin Alban

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	08/20/15 14:31	CHK	0.878 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	08/14/15 19:22	EJF	11.0 mg/L		0.2
\$ Sulfate	EPA 300.0	08/14/15 19:22	EJF	16.5 mg/L		1.0

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410-472-1112

FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 08/21/2015
REPORT NBR: 150821161754

LAB#: E040964-04

SAMPLE ID: H-6

LOCATION:

DATE SAMPLED: 08/13/2015

TIME SAMPLED: 11:55AM

SAMPLER- D Glancey, D Hobbs

DATE RECEIVED: 08/14/2015

TIME RECEIVED: 10:05AM

DELIVERED BY: M Collazo

RECEIVED BY: Colin Alban

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	08/20/15 14:32	CHK	6.52 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	08/14/15 19:40	EJF	4.6 mg/L		0.2
\$ Sulfate	EPA 300.0	08/14/15 19:40	EJF	3.5 mg/L		1.0

ENVIRO-CHEM LABORATORIES, INC.



47 Loveton Circle, Suite K • Sparks, Maryland 21152

410-472-1112

FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 08/21/2015
REPORT NBR: 150821161754

LAB#: E040964-05

SAMPLE ID: MW-X

LOCATION:

DATE SAMPLED: 08/13/2015

TIME SAMPLED: Information Not

SAMPLER- D Glancey, D Hobbs

DATE RECEIVED: 08/14/2015

Provided

DELIVERED BY: M Collazo

TIME RECEIVED: 10:05AM

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	08/20/15 14:34	CHK	4.66 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	08/14/15 19:58	EJF	6.1 mg/L		0.2
\$ Sulfate	EPA 300.0	08/14/15 19:58	EJF	6.8 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 08/21/2015
REPORT NBR: 150821161754

LAB#: E040977-01

SAMPLE ID: Lot 7 Well

LOCATION:

DATE SAMPLED: 08/14/2015

TIME SAMPLED: 10:26AM

SAMPLER- D Glancey, D Hobbs

DATE RECEIVED: 08/14/2015

TIME RECEIVED: 4:00PM

DELIVERED BY: D Hobbs

RECEIVED BY: Stephen Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	08/20/15 14:35	CHK	0.046 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	08/14/15 21:44	EJF	5.5 mg/L		0.2
\$ Sulfate	EPA 300.0	08/14/15 21:44	EJF	4.8 mg/L		1.0

Stephen Shelley
Laboratory Director

ENVIRO-CHEM LABORATORIES, INC.



47 Loveton Circle, Suite K • Sparks, Maryland 21152

410-472-1112

Certifications

#192 # - State of Maryland Certification
68-04873 * - NELAP Certification
460255 ! - VELAP Certification

Qualifier(s)

Indicates a MD certified Analyte
* Indicates a NELAP certified Analyte
! Indicates a VELAP certified Analyte
\$ Not a certified Analyte

QUALITY CONTROL SUMMARY

REPORT NBR: 150821161754

Enviro-Chem

Analyte QC Type	Sample Source	Date Prep'd	Date Analyzed	Result	MRL	Units	Spike Level	Source Result	% REC % REC	% REC Limits	RPD	RPD Limit
Batch B5H0135												
Nitrate (as N)												
Duplicate	E040915-01	08/12/2015	08/12/2015	2	0.2	mg/L		2			0.223	20
Duplicate	E040892-04	08/12/2015	08/12/2015	6	0.2	mg/L		6			0.0272	20
Duplicate	E040902-01	08/12/2015	08/12/2015	6	0.2	mg/L		6			0.461	20
LCS		08/12/2015	08/12/2015	2	0.2	mg/L	2.00		102	90-110		
Matrix Spike	E040915-01	08/12/2015	08/12/2015	4	0.2	mg/L	2.00	2	95.1	80-120		
Matrix Spike	E040892-04	08/12/2015	08/12/2015	7	0.2	mg/L	2.00	6	89.4	80-120		
Matrix Spike	E040902-01	08/12/2015	08/12/2015	8	0.2	mg/L	2.00	6	94.3	80-120		
Sulfate												
Duplicate	E040902-01	08/12/2015	08/12/2015	4.5	1.0	mg/L		4.5			0.885	20
Duplicate	E040915-01	08/12/2015	08/12/2015	4.9	1.0	mg/L		4.9			0.392	20
Duplicate	E040892-04	08/12/2015	08/12/2015	61.8	1.0	mg/L		61.8			0.0371	20
LCS		08/12/2015	08/12/2015	19.6	1.0	mg/L	20.0		98.2	90-110		
Matrix Spike	E040902-01	08/12/2015	08/12/2015	21.8	1.0	mg/L	20.0	4.5	86.0	80-120		
Matrix Spike	E040915-01	08/12/2015	08/12/2015	22.2	1.0	mg/L	20.0	4.9	86.3	80-120		
Matrix Spike	E040892-04	08/12/2015	08/12/2015	83.4	1.0	mg/L	20.0	61.8	108	80-120		
Batch B5H0141												
Nitrate (as N)												
Duplicate	E040939-01	08/13/2015	08/13/2015	2	0.2	mg/L		2			0.0686	20
Duplicate	E040946-06	08/13/2015	08/13/2015	4	0.2	mg/L		4			0.0317	20
Duplicate	E040920-01	08/13/2015	08/13/2015	<0.2	0.2	mg/L		ND				20
LCS		08/13/2015	08/13/2015	2	0.2	mg/L	2.00		103	90-110		
Matrix Spike	E040920-01	08/13/2015	08/13/2015	2	0.2	mg/L	2.00	ND	106	80-120		
Matrix Spike	E040939-01	08/13/2015	08/13/2015	4	0.2	mg/L	2.00	2	97.6	80-120		
Matrix Spike	E040946-06	08/13/2015	08/13/2015	6	0.2	mg/L	2.00	4	94.9	80-120		
Sulfate												
Duplicate	E040946-06	08/13/2015	08/13/2015	2.9	1.0	mg/L		2.9			NC	20
Duplicate	E040920-01	08/13/2015	08/13/2015	5.6	1.0	mg/L		5.6			0.806	20
Duplicate	E040939-01	08/13/2015	08/13/2015	<1.0	1.0	mg/L		ND				20
LCS		08/13/2015	08/13/2015	19.5	1.0	mg/L	20.0		97.7	90-110		
Matrix Spike	E040939-01	08/13/2015	08/13/2015	18.8	1.0	mg/L	20.0	ND	94.2	80-120		
Matrix Spike	E040946-06	08/13/2015	08/13/2015	19.8	1.0	mg/L	20.0	2.9	84.5	80-120		
Matrix Spike	E040920-01	08/13/2015	08/13/2015	22.7	1.0	mg/L	20.0	5.6	85.6	80-120		
Batch B5H0148												
Manganese												
Blank		08/13/2015	08/14/2015	<0.010	0.010	mg/L						
Duplicate	E040892-01	08/13/2015	08/14/2015	<0.010	0.010	mg/L		ND				20
LCS		08/13/2015	08/14/2015	0.474	0.010	mg/L	0.500		94.8	85-115		
Matrix Spike	E040892-01	08/13/2015	08/14/2015	0.461	0.010	mg/L	0.500	ND	92.2	70-130		
Batch B5H0159												
Nitrate (as N)												
Duplicate	E040978-01	08/14/2015	08/14/2015	0.8	0.2	mg/L		0.8			0.350	20
Duplicate	E040963-01	08/14/2015	08/14/2015	2	0.2	mg/L		2			0.0249	20
Duplicate	E040958-01	08/14/2015	08/14/2015	8	0.2	mg/L		8			0.0687	20
LCS		08/14/2015	08/14/2015	2	0.2	mg/L	2.00		102	90-110		
Matrix Spike	E040958-01	08/14/2015	08/14/2015	10	0.2	mg/L	2.00	8	90.3	80-120		
Matrix Spike	E040978-01	08/14/2015	08/14/2015	3	0.2	mg/L	2.00	0.8	100	80-120		
Matrix Spike	E040963-01	08/14/2015	08/14/2015	4	0.2	mg/L	2.00	2	96.4	80-120		

QUALITY CONTROL SUMMARY

REPORT NBR: 150821161754

Enviro-Chem

Analyte QC Type	Sample Source	Date Prep'd	Date Analyzed	Result	MRL	Units	Spike Level	Source Result	% REC Limits	RPD	RPD Limit
Batch B5H0159 (Continued)											
Sulfate											
Duplicate	E040958-01	08/14/2015	08/14/2015	7.8	1.0	mg/L		7.8		0.246	20
Duplicate	E040963-01	08/14/2015	08/14/2015	9.9	1.0	mg/L		9.9		0.122	20
Duplicate	E040978-01	08/14/2015	08/14/2015	<1.0	1.0	mg/L		ND			20
LCS		08/14/2015	08/14/2015	19.5	1.0	mg/L	20.0		97.7	90-110	
Matrix Spike	E040978-01	08/14/2015	08/14/2015	19.7	1.0	mg/L	20.0	ND	98.4	80-120	
Matrix Spike	E040958-01	08/14/2015	08/14/2015	25.3	1.0	mg/L	20.0	7.8	87.6	80-120	
Matrix Spike	E040963-01	08/14/2015	08/14/2015	27.6	1.0	mg/L	20.0	9.9	88.6	80-120	
Batch B5H0229											
Manganese											
Blank		08/20/2015	08/20/2015	<0.010	0.010	mg/L					
Duplicate	E040924-01	08/20/2015	08/20/2015	0.222	0.010	mg/L		0.227		2.23	20
LCS		08/20/2015	08/20/2015	0.541	0.010	mg/L	0.500		108	85-115	
Matrix Spike	E040924-01	08/20/2015	08/20/2015	0.765	0.010	mg/L	0.500	0.227	108	70-130	

* - Indicates Recovery/RPD failed Criteria.

NC - Indicates Duplicate Result or Sample Duplicate Result < 4 * Method reporting limit

ATTACHMENT B-2

**LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY RECORDS
NOVEMBER 2015 SAMPLING EVENT**

30 November 2015

Kevin Howard
Chesapeake GeoSciences, Inc.
5405 Twin Knolls Rd, Suite I
Columbia, MD 21045
RE: LITTLE GEORGE'S DELI (8-1564CL)

Enclosed are the results of analyses for samples received by the laboratory on 11/17/15 17:10.

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

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

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

Sincerely,



Will Brewington
Staff Chemist

Analytical Results

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

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 10:58

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
LOT 4 WELL		5111712-01	Nonpotable Water	11/17/15 09:18	11/17/15 17:10
SENTINEL WELL		5111712-02	Nonpotable Water	11/17/15 10:40	11/17/15 17:10
MW-4A		5111712-03	Nonpotable Water	11/17/15 12:13	11/17/15 17:10
H-3		5111712-04	Nonpotable Water	11/17/15 13:50	11/17/15 17:10
H-6		5111712-05	Nonpotable Water	11/17/15 15:00	11/17/15 17:10
MW-4		5111712-06	Nonpotable Water	11/17/15 12:45	11/17/15 17:10



Will Brewington, Staff Chemist

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.

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 10:58

LOT 4 WELL

5111712-01 (Nonpotable Water)

Sample Date: 11/17/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	11/18/15	11/18/15 15:07	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	11/18/15	11/18/15 15:07	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
Benzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
Bromoform	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
Bromomethane	ND		ug/L	5.0	5.0	1	11/18/15	11/18/15 15:07	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	11/18/15	11/18/15 15:07	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	11/18/15	11/18/15 15:07	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
Chloroethane	ND		ug/L	5.0	5.0	1	11/18/15	11/18/15 15:07	WB
Chloroform	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
Chloromethane	ND		ug/L	5.0	5.0	1	11/18/15	11/18/15 15:07	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

11/30/15 10:58

LOT 4 WELL

511712-01 (Nonpotable Water)

Sample Date: 11/17/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	11/18/15	11/18/15 15:07	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	11/18/15	11/18/15 15:07	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	11/18/15	11/18/15 15:07	WB
Naphthalene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
Styrene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
Toluene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 10:58

LOT 4 WELL

5111712-01 (Nonpotable Water)
Sample Date: 11/17/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
o-Xylene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:07	WB
Surrogate: 1,2-Dichloroethane-d4		75-120		85 %	11/18/15		11/18/15 15:07		
Surrogate: Toluene-d8		88-110		99 %	11/18/15		11/18/15 15:07		
Surrogate: 4-Bromofluorobenzene		80-110		95 %	11/18/15		11/18/15 15:07		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	0.0056		mg/L	0.0055	0.0055	1	11/27/15	11/27/15 11:51	CMK



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 10:58

SENTINEL WELL

5111712-02 (Nonpotable Water)

Sample Date: 11/17/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	11/18/15	11/18/15 15:40	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	11/18/15	11/18/15 15:40	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
Benzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
Bromoform	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
Bromomethane	ND		ug/L	5.0	5.0	1	11/18/15	11/18/15 15:40	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	11/18/15	11/18/15 15:40	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	11/18/15	11/18/15 15:40	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
Chloroethane	ND		ug/L	5.0	5.0	1	11/18/15	11/18/15 15:40	WB
Chloroform	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
Chloromethane	ND		ug/L	5.0	5.0	1	11/18/15	11/18/15 15:40	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 10:58

SENTINEL WELL

5111712-02 (Nonpotable Water)

Sample Date: 11/17/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	11/18/15	11/18/15 15:40	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	11/18/15	11/18/15 15:40	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	11/18/15	11/18/15 15:40	WB
Naphthalene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
Styrene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
Toluene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 10:58

SENTINEL WELL

5111712-02 (Nonpotable Water)
Sample Date: 11/17/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
o-Xylene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 15:40	WB
Surrogate: 1,2-Dichloroethane-d4		75-120		87 %	11/18/15		11/18/15 15:40		
Surrogate: Toluene-d8		88-110		100 %	11/18/15		11/18/15 15:40		
Surrogate: 4-Bromofluorobenzene		80-110		95 %	11/18/15		11/18/15 15:40		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0055	0.0055	1	11/27/15	11/27/15 12:00	CMK



Will Brewington, Staff Chemist

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.

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 10:58

MW-4A

5111712-03 (Nonpotable Water)

Sample Date: 11/17/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	11/18/15	11/18/15 16:13	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	11/18/15	11/18/15 16:13	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
Benzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
Bromoform	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
Bromomethane	ND		ug/L	5.0	5.0	1	11/18/15	11/18/15 16:13	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	11/18/15	11/18/15 16:13	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	11/18/15	11/18/15 16:13	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
Chloroethane	ND		ug/L	5.0	5.0	1	11/18/15	11/18/15 16:13	WB
Chloroform	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
Chloromethane	ND		ug/L	5.0	5.0	1	11/18/15	11/18/15 16:13	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 10:58

MW-4A

511712-03 (Nonpotable Water)

Sample Date: 11/17/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	11/18/15	11/18/15 16:13	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	11/18/15	11/18/15 16:13	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	11/18/15	11/18/15 16:13	WB
Naphthalene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
Styrene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
Toluene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 10:58

MW-4A

5111712-03 (Nonpotable Water)
Sample Date: 11/17/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
o-Xylene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:13	WB
Surrogate: 1,2-Dichloroethane-d4			75-120	90 %	11/18/15		11/18/15 16:13		
Surrogate: Toluene-d8			88-110	103 %	11/18/15		11/18/15 16:13		
Surrogate: 4-Bromofluorobenzene			80-110	98 %	11/18/15		11/18/15 16:13		



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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 10:58

H-3

5111712-04 (Nonpotable Water)
Sample Date: 11/17/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	11/18/15	11/18/15 16:47	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	11/18/15	11/18/15 16:47	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
Benzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
Bromoform	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
Bromomethane	ND		ug/L	5.0	5.0	1	11/18/15	11/18/15 16:47	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	11/18/15	11/18/15 16:47	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	11/18/15	11/18/15 16:47	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
Chloroethane	ND		ug/L	5.0	5.0	1	11/18/15	11/18/15 16:47	WB
Chloroform	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
Chloromethane	ND		ug/L	5.0	5.0	1	11/18/15	11/18/15 16:47	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 10:58

H-3

511712-04 (Nonpotable Water)

Sample Date: 11/17/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	11/18/15	11/18/15 16:47	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	11/18/15	11/18/15 16:47	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	11/18/15	11/18/15 16:47	WB
Naphthalene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
Styrene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
Toluene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB

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Will Brewington, Staff Chemist

Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
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Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 10:58

H-3

5111712-04 (Nonpotable Water)
Sample Date: 11/17/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
o-Xylene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 16:47	WB
Surrogate: 1,2-Dichloroethane-d4		75-120		89 %	11/18/15		11/18/15 16:47		
Surrogate: Toluene-d8		88-110		102 %	11/18/15		11/18/15 16:47		
Surrogate: 4-Bromofluorobenzene		80-110		98 %	11/18/15		11/18/15 16:47		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0060	0.0060	1	11/27/15	11/27/15 12:15	CMK



Will Brewington, Staff Chemist

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.

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 10:58

H-6

5111712-05 (Nonpotable Water)

Sample Date: 11/17/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	11/18/15	11/18/15 17:20	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	11/18/15	11/18/15 17:20	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
Benzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
Bromoform	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
Bromomethane	ND		ug/L	5.0	5.0	1	11/18/15	11/18/15 17:20	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	11/18/15	11/18/15 17:20	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	11/18/15	11/18/15 17:20	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
sec-Butylbenzene	2.1	J	ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
Chloroethane	ND		ug/L	5.0	5.0	1	11/18/15	11/18/15 17:20	WB
Chloroform	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
Chloromethane	ND		ug/L	5.0	5.0	1	11/18/15	11/18/15 17:20	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB

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, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 10:58

H-6

511712-05 (Nonpotable Water)

Sample Date: 11/17/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	11/18/15	11/18/15 17:20	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
Methyl tert-butyl ether (MTBE)	5.5		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	11/18/15	11/18/15 17:20	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	11/18/15	11/18/15 17:20	WB
Naphthalene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
Styrene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
Toluene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 10:58

H-6

5111712-05 (Nonpotable Water)
Sample Date: 11/17/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
o-Xylene	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	11/18/15	11/18/15 17:20	WB
Surrogate: 1,2-Dichloroethane-d4		75-120		89 %	11/18/15		11/18/15 17:20		
Surrogate: Toluene-d8		88-110		103 %	11/18/15		11/18/15 17:20		
Surrogate: 4-Bromofluorobenzene		80-110		98 %	11/18/15		11/18/15 17:20		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	0.0063		mg/L	0.0054	0.0054	1	11/27/15	11/27/15 12:31	CMK



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 10:58

MW-4

5111712-06 (Nonpotable Water)

Sample Date: 11/17/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	50.0	50.0	5	11/19/15	11/19/15 16:27	WB
tert-Amyl alcohol (TAA)	ND		ug/L	100	100	5	11/19/15	11/19/15 16:27	WB
tert-Amyl methyl ether (TAME)	34.9		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
Benzene	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
Bromobenzene	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
Bromochloromethane	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
Bromodichloromethane	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
Bromoform	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
Bromomethane	ND		ug/L	25.0	25.0	5	11/19/15	11/19/15 16:27	WB
tert-Butanol (TBA)	244		ug/L	75.0	75.0	5	11/19/15	11/19/15 16:27	WB
2-Butanone (MEK)	ND		ug/L	50.0	50.0	5	11/19/15	11/19/15 16:27	WB
n-Butylbenzene	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
sec-Butylbenzene	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
tert-Butylbenzene	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
Carbon disulfide	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
Carbon tetrachloride	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
Chlorobenzene	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
Chloroethane	ND		ug/L	25.0	25.0	5	11/19/15	11/19/15 16:27	WB
Chloroform	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
Chloromethane	ND		ug/L	25.0	25.0	5	11/19/15	11/19/15 16:27	WB
2-Chlorotoluene	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
4-Chlorotoluene	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
Dibromochloromethane	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
1,2-Dibromoethane (EDB)	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
Dibromomethane	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
1,2-Dichlorobenzene	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
1,3-Dichlorobenzene	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
1,4-Dichlorobenzene	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
Dichlorodifluoromethane	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
1,1-Dichloroethane	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
1,2-Dichloroethane	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
1,1-Dichloroethene	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
cis-1,2-Dichloroethene	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 10:58

MW-4

511712-06 (Nonpotable Water)

Sample Date: 11/17/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
Dichlorofluoromethane	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
1,2-Dichloropropane	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
1,3-Dichloropropane	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
2,2-Dichloropropane	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
1,1-Dichloropropene	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
cis-1,3-Dichloropropene	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
trans-1,3-Dichloropropene	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
Diisopropyl ether (DIPE)	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
Ethylbenzene	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
Hexachlorobutadiene	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
2-Hexanone	ND		ug/L	50.0	50.0	5	11/19/15	11/19/15 16:27	WB
Isopropylbenzene (Cumene)	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
4-Isopropyltoluene	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
Methyl tert-butyl ether (MTBE)	688		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
4-Methyl-2-pentanone	ND		ug/L	50.0	50.0	5	11/19/15	11/19/15 16:27	WB
Methylene chloride	ND		ug/L	50.0	50.0	5	11/19/15	11/19/15 16:27	WB
Naphthalene	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
n-Propylbenzene	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
Styrene	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
Tetrachloroethene	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
Toluene	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
1,2,3-Trichlorobenzene	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
1,2,4-Trichlorobenzene	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
1,1,1-Trichloroethane	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
1,1,2-Trichloroethane	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
Trichloroethene	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
1,2,3-Trichloropropane	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
1,2,4-Trimethylbenzene	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
1,3,5-Trimethylbenzene	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 10:58

MW-4

5111712-06 (Nonpotable Water)
Sample Date: 11/17/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
o-Xylene	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
m- & p-Xylenes	ND		ug/L	25.0	10.0	5	11/19/15	11/19/15 16:27	WB
Surrogate: 1,2-Dichloroethane-d4			75-120	91 %	11/19/15		11/19/15 16:27		
Surrogate: Toluene-d8			88-110	100 %	11/19/15		11/19/15 16:27		
Surrogate: 4-Bromofluorobenzene			80-110	93 %	11/19/15		11/19/15 16:27		



Will Brewington, Staff Chemist

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Analytical Results

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

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

11/30/15 10:58

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



Will Brewington, Staff Chemist

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30 November 2015

Kevin Howard
Chesapeake GeoSciences, Inc.
5405 Twin Knolls Rd, Suite I
Columbia, MD 21045
RE: LITTLE GEORGE'S DELI (8-1564CL)

Enclosed are the results of analyses for samples received by the laboratory on 11/18/15 15:25.

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

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

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

Sincerely,



Will Brewington
Staff Chemist

Analytical Results

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

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:02

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-3		5111811-01	Nonpotable Water	11/18/15 10:30	11/18/15 15:25
MW-5		5111811-02	Nonpotable Water	11/18/15 12:25	11/18/15 15:25
GAD-MID		5111811-03	Nonpotable Water	11/18/15 11:40	11/18/15 15:25
GAD-EFF		5111811-04	Nonpotable Water	11/18/15 11:45	11/18/15 15:25



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:02

MW-3

511811-01 (Nonpotable Water)

Sample Date: 11/18/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	11/19/15	11/19/15 17:00	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	11/19/15	11/19/15 17:00	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
Benzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
Bromoform	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
Bromomethane	ND		ug/L	5.0	5.0	1	11/19/15	11/19/15 17:00	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	11/19/15	11/19/15 17:00	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	11/19/15	11/19/15 17:00	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
Chloroethane	ND		ug/L	5.0	5.0	1	11/19/15	11/19/15 17:00	WB
Chloroform	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
Chloromethane	ND		ug/L	5.0	5.0	1	11/19/15	11/19/15 17:00	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:02

MW-3

511811-01 (Nonpotable Water)

Sample Date: 11/18/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	11/19/15	11/19/15 17:00	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	11/19/15	11/19/15 17:00	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	11/19/15	11/19/15 17:00	WB
Naphthalene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
Styrene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
Toluene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:02

MW-3

5111811-01 (Nonpotable Water)
Sample Date: 11/18/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
o-Xylene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:00	WB
Surrogate: 1,2-Dichloroethane-d4		75-120		90 %	11/19/15		11/19/15 17:00		
Surrogate: Toluene-d8		88-110		100 %	11/19/15		11/19/15 17:00		
Surrogate: 4-Bromofluorobenzene		80-110		91 %	11/19/15		11/19/15 17:00		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0061	0.0061	1	11/27/15	11/27/15 13:21	CMK



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:02

MW-5

511811-02 (Nonpotable Water)

Sample Date: 11/18/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	11/19/15	11/19/15 17:34	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	11/19/15	11/19/15 17:34	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
Benzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
Bromoform	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
Bromomethane	ND		ug/L	5.0	5.0	1	11/19/15	11/19/15 17:34	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	11/19/15	11/19/15 17:34	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	11/19/15	11/19/15 17:34	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
Chloroethane	ND		ug/L	5.0	5.0	1	11/19/15	11/19/15 17:34	WB
Chloroform	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
Chloromethane	ND		ug/L	5.0	5.0	1	11/19/15	11/19/15 17:34	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:02

MW-5

511811-02 (Nonpotable Water)

Sample Date: 11/18/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	11/19/15	11/19/15 17:34	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	11/19/15	11/19/15 17:34	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	11/19/15	11/19/15 17:34	WB
Naphthalene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
Styrene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
Toluene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:02

MW-5

5111811-02 (Nonpotable Water)

Sample Date: 11/18/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
o-Xylene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 17:34	WB
Surrogate: 1,2-Dichloroethane-d4			75-120	90 %	11/19/15		11/19/15 17:34		
Surrogate: Toluene-d8			88-110	101 %	11/19/15		11/19/15 17:34		
Surrogate: 4-Bromofluorobenzene			80-110	92 %	11/19/15		11/19/15 17:34		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0062	0.0062	1	11/27/15	11/27/15 13:34	CMK



Will Brewington, Staff Chemist

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.

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:02

GAD-MID

5111811-03 (Nonpotable Water)

Sample Date: 11/18/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	20.0	20.0	2	11/19/15	11/19/15 18:40	WB
tert-Amyl alcohol (TAA)	ND		ug/L	40.0	40.0	2	11/19/15	11/19/15 18:40	WB
tert-Amyl methyl ether (TAME)	12.5		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
Benzene	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
Bromobenzene	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
Bromochloromethane	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
Bromodichloromethane	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
Bromoform	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
Bromomethane	ND		ug/L	10.0	10.0	2	11/19/15	11/19/15 18:40	WB
tert-Butanol (TBA)	189		ug/L	30.0	30.0	2	11/19/15	11/19/15 18:40	WB
2-Butanone (MEK)	ND		ug/L	20.0	20.0	2	11/19/15	11/19/15 18:40	WB
n-Butylbenzene	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
sec-Butylbenzene	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
tert-Butylbenzene	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
Carbon disulfide	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
Carbon tetrachloride	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
Chlorobenzene	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
Chloroethane	ND		ug/L	10.0	10.0	2	11/19/15	11/19/15 18:40	WB
Chloroform	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
Chloromethane	ND		ug/L	10.0	10.0	2	11/19/15	11/19/15 18:40	WB
2-Chlorotoluene	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
4-Chlorotoluene	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
Dibromochloromethane	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
1,2-Dibromoethane (EDB)	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
Dibromomethane	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
1,2-Dichlorobenzene	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
1,3-Dichlorobenzene	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
1,4-Dichlorobenzene	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
Dichlorodifluoromethane	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
1,1-Dichloroethane	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
1,2-Dichloroethane	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
1,1-Dichloroethene	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
cis-1,2-Dichloroethene	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:02

GAD-MID

5111811-03 (Nonpotable Water)

Sample Date: 11/18/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
Dichlorofluoromethane	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
1,2-Dichloropropane	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
1,3-Dichloropropane	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
2,2-Dichloropropane	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
1,1-Dichloropropene	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
cis-1,3-Dichloropropene	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
trans-1,3-Dichloropropene	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
Diisopropyl ether (DIPE)	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
Ethylbenzene	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
Hexachlorobutadiene	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
2-Hexanone	ND		ug/L	20.0	20.0	2	11/19/15	11/19/15 18:40	WB
Isopropylbenzene (Cumene)	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
4-Isopropyltoluene	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
Methyl tert-butyl ether (MTBE)	22.4		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
4-Methyl-2-pentanone	ND		ug/L	20.0	20.0	2	11/19/15	11/19/15 18:40	WB
Methylene chloride	ND		ug/L	20.0	20.0	2	11/19/15	11/19/15 18:40	WB
Naphthalene	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
n-Propylbenzene	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
Styrene	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
Tetrachloroethene	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
Toluene	5.5	J	ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
1,2,3-Trichlorobenzene	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
1,2,4-Trichlorobenzene	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
1,1,1-Trichloroethane	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
1,1,2-Trichloroethane	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
Trichloroethene	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
1,2,3-Trichloropropane	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
1,2,4-Trimethylbenzene	29.4		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
1,3,5-Trimethylbenzene	15.4		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:02

GAD-MID

5111811-03 (Nonpotable Water)
Sample Date: 11/18/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
o-Xylene	19.0		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
m- & p-Xylenes	17.8		ug/L	10.0	4.0	2	11/19/15	11/19/15 18:40	WB
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>75-120</i>	<i>91 %</i>	<i>11/19/15</i>		<i>11/19/15 18:40</i>		
<i>Surrogate: Toluene-d8</i>			<i>88-110</i>	<i>101 %</i>	<i>11/19/15</i>		<i>11/19/15 18:40</i>		
<i>Surrogate: 4-Bromofluorobenzene</i>			<i>80-110</i>	<i>94 %</i>	<i>11/19/15</i>		<i>11/19/15 18:40</i>		



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:02

GAD-EFF

511811-04 (Nonpotable Water)

Sample Date: 11/18/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	11/19/15	11/19/15 19:13	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	11/19/15	11/19/15 19:13	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
Benzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
Bromoform	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
Bromomethane	ND		ug/L	5.0	5.0	1	11/19/15	11/19/15 19:13	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	11/19/15	11/19/15 19:13	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	11/19/15	11/19/15 19:13	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
Chloroethane	ND		ug/L	5.0	5.0	1	11/19/15	11/19/15 19:13	WB
Chloroform	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
Chloromethane	ND		ug/L	5.0	5.0	1	11/19/15	11/19/15 19:13	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:02

GAD-EFF

511811-04 (Nonpotable Water)

Sample Date: 11/18/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	11/19/15	11/19/15 19:13	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	11/19/15	11/19/15 19:13	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	11/19/15	11/19/15 19:13	WB
Naphthalene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
Styrene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
Toluene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:02

GAD-EFF

5111811-04 (Nonpotable Water)
Sample Date: 11/18/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
o-Xylene	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	11/19/15	11/19/15 19:13	WB
Surrogate: 1,2-Dichloroethane-d4		75-120		91 %	11/19/15		11/19/15 19:13		
Surrogate: Toluene-d8		88-110		99 %	11/19/15		11/19/15 19:13		
Surrogate: 4-Bromofluorobenzene		80-110		91 %	11/19/15		11/19/15 19:13		
GASOLINE RANGE ORGANICS BY EPA 8015B									
Gasoline-Range Organics	ND		ug/L	100	100	1	11/20/15	11/20/15 23:26	GM
Surrogate: a,a,a-Trifluorotoluene		85-115		102 %	11/20/15		11/20/15 23:26		
DIESEL RANGE ORGANICS BY EPA 3510/8015B									
Diesel-Range Organics	ND		mg/L	0.19	0.19	1	11/20/15	11/21/15 01:16	CMK
Surrogate: o-Terphenyl		60-120		84 %	11/20/15		11/21/15 01:16		

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Will Brewington, Staff Chemist

Analytical Results

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

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

11/30/15 11:02

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



Will Brewington, Staff Chemist

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30 November 2015

Kevin Howard
Chesapeake GeoSciences, Inc.
5405 Twin Knolls Rd, Suite I
Columbia, MD 21045
RE: LITTLE GEORGE'S DELI (8-1564CL)

Enclosed are the results of analyses for samples received by the laboratory on 11/19/15 16:15.

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

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

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

Sincerely,



Will Brewington
Staff Chemist

Analytical Results

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

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:08

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-2		5111914-01	Nonpotable Water	11/19/15 09:15	11/19/15 16:15
H-1A		5111914-02	Nonpotable Water	11/19/15 10:30	11/19/15 16:15
MW-7B		5111914-03	Nonpotable Water	11/19/15 12:00	11/19/15 16:15
MW-7R		5111914-04	Nonpotable Water	11/19/15 13:25	11/19/15 16:15
MW-7A		5111914-05	Nonpotable Water	11/19/15 14:30	11/19/15 16:15



Will Brewington, Staff Chemist

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.

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:08

MW-2

5111914-01 (Nonpotable Water)
Sample Date: 11/19/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	11/20/15	11/20/15 12:54	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	11/20/15	11/20/15 12:54	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
Benzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
Bromoform	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
Bromomethane	ND		ug/L	5.0	5.0	1	11/20/15	11/20/15 12:54	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	11/20/15	11/20/15 12:54	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	11/20/15	11/20/15 12:54	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
Chloroethane	ND		ug/L	5.0	5.0	1	11/20/15	11/20/15 12:54	WB
Chloroform	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
Chloromethane	ND		ug/L	5.0	5.0	1	11/20/15	11/20/15 12:54	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:08

MW-2

5111914-01 (Nonpotable Water)

Sample Date: 11/19/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	11/20/15	11/20/15 12:54	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
Methyl tert-butyl ether (MTBE)	17.1		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	11/20/15	11/20/15 12:54	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	11/20/15	11/20/15 12:54	WB
Naphthalene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
Styrene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
Toluene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:08

MW-2

5111914-01 (Nonpotable Water)

Sample Date: 11/19/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
o-Xylene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 12:54	WB
Surrogate: 1,2-Dichloroethane-d4		75-120		92 %	11/20/15		11/20/15 12:54		
Surrogate: Toluene-d8		88-110		100 %	11/20/15		11/20/15 12:54		
Surrogate: 4-Bromofluorobenzene		80-110		91 %	11/20/15		11/20/15 12:54		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	0.0241		mg/L	0.0057	0.0057	1	11/27/15	11/27/15 13:54	CMK



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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:08

H-1A

5111914-02 (Nonpotable Water)

Sample Date: 11/19/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	11/20/15	11/20/15 13:28	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	11/20/15	11/20/15 13:28	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
Benzene	7.7		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
Bromoform	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
Bromomethane	ND		ug/L	5.0	5.0	1	11/20/15	11/20/15 13:28	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	11/20/15	11/20/15 13:28	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	11/20/15	11/20/15 13:28	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
Chloroethane	ND		ug/L	5.0	5.0	1	11/20/15	11/20/15 13:28	WB
Chloroform	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
Chloromethane	ND		ug/L	5.0	5.0	1	11/20/15	11/20/15 13:28	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:08

H-1A

5111914-02 (Nonpotable Water)

Sample Date: 11/19/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	11/20/15	11/20/15 13:28	WB
Isopropylbenzene (Cumene)	3.9	J	ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
Methyl tert-butyl ether (MTBE)	16.6		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	11/20/15	11/20/15 13:28	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	11/20/15	11/20/15 13:28	WB
Naphthalene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
Styrene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
Toluene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:08

H-1A

5111914-02 (Nonpotable Water)
Sample Date: 11/19/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
o-Xylene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 13:28	WB
Surrogate: 1,2-Dichloroethane-d4		75-120		91 %	11/20/15		11/20/15 13:28		
Surrogate: Toluene-d8		88-110		102 %	11/20/15		11/20/15 13:28		
Surrogate: 4-Bromofluorobenzene		80-110		91 %	11/20/15		11/20/15 13:28		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	0.0185		mg/L	0.0064	0.0064	1	11/27/15	11/27/15 14:11	CMK



Will Brewington, Staff Chemist

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.

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:08

MW-7B

5111914-03 (Nonpotable Water)
Sample Date: 11/19/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	11/20/15	11/20/15 14:01	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	11/20/15	11/20/15 14:01	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
Benzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
Bromoform	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
Bromomethane	ND		ug/L	5.0	5.0	1	11/20/15	11/20/15 14:01	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	11/20/15	11/20/15 14:01	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	11/20/15	11/20/15 14:01	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
Chloroethane	ND		ug/L	5.0	5.0	1	11/20/15	11/20/15 14:01	WB
Chloroform	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
Chloromethane	ND		ug/L	5.0	5.0	1	11/20/15	11/20/15 14:01	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:08

MW-7B

5111914-03 (Nonpotable Water)

Sample Date: 11/19/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	11/20/15	11/20/15 14:01	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	11/20/15	11/20/15 14:01	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	11/20/15	11/20/15 14:01	WB
Naphthalene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
Styrene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
Toluene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:08

MW-7B

5111914-03 (Nonpotable Water)
Sample Date: 11/19/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
o-Xylene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 14:01	WB
Surrogate: 1,2-Dichloroethane-d4		75-120		90 %	11/20/15		11/20/15 14:01		
Surrogate: Toluene-d8		88-110		101 %	11/20/15		11/20/15 14:01		
Surrogate: 4-Bromofluorobenzene		80-110		90 %	11/20/15		11/20/15 14:01		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0065	0.0065	1	11/27/15	11/27/15 14:19	CMK



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:08

MW-7R

5111914-04 (Nonpotable Water)

Sample Date: 11/19/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	11/20/15	11/20/15 17:43	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	11/20/15	11/20/15 17:43	WB
tert-Amyl methyl ether (TAME)	3.9	J	ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
Benzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
Bromoform	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
Bromomethane	ND		ug/L	5.0	5.0	1	11/20/15	11/20/15 17:43	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	11/20/15	11/20/15 17:43	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	11/20/15	11/20/15 17:43	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
Chloroethane	ND		ug/L	5.0	5.0	1	11/20/15	11/20/15 17:43	WB
Chloroform	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
Chloromethane	ND		ug/L	5.0	5.0	1	11/20/15	11/20/15 17:43	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:08

MW-7R

5111914-04 (Nonpotable Water)

Sample Date: 11/19/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	11/20/15	11/20/15 17:43	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
Methyl tert-butyl ether (MTBE)	95.1		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	11/20/15	11/20/15 17:43	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	11/20/15	11/20/15 17:43	WB
Naphthalene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
Styrene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
Toluene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:08

MW-7R

5111914-04 (Nonpotable Water)

Sample Date: 11/19/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
o-Xylene	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	11/20/15	11/20/15 17:43	WB
Surrogate: 1,2-Dichloroethane-d4		75-120		92 %	11/20/15		11/20/15 17:43		
Surrogate: Toluene-d8		88-110		100 %	11/20/15		11/20/15 17:43		
Surrogate: 4-Bromofluorobenzene		80-110		87 %	11/20/15		11/20/15 17:43		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0055	0.0055	1	11/27/15	11/27/15 14:52	CMK



Will Brewington, Staff Chemist

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.

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:08

MW-7A

5111914-05 (Nonpotable Water)

Sample Date: 11/19/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	100	100	10	11/20/15	11/20/15 15:07	WB
tert-Amyl alcohol (TAA)	ND		ug/L	200	200	10	11/20/15	11/20/15 15:07	WB
tert-Amyl methyl ether (TAME)	34.2	J	ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
Benzene	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
Bromobenzene	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
Bromochloromethane	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
Bromodichloromethane	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
Bromoform	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
Bromomethane	ND		ug/L	50.0	50.0	10	11/20/15	11/20/15 15:07	WB
tert-Butanol (TBA)	303		ug/L	150	150	10	11/20/15	11/20/15 15:07	WB
2-Butanone (MEK)	ND		ug/L	100	100	10	11/20/15	11/20/15 15:07	WB
n-Butylbenzene	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
sec-Butylbenzene	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
tert-Butylbenzene	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
Carbon disulfide	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
Carbon tetrachloride	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
Chlorobenzene	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
Chloroethane	ND		ug/L	50.0	50.0	10	11/20/15	11/20/15 15:07	WB
Chloroform	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
Chloromethane	ND		ug/L	50.0	50.0	10	11/20/15	11/20/15 15:07	WB
2-Chlorotoluene	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
4-Chlorotoluene	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
Dibromochloromethane	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
1,2-Dibromoethane (EDB)	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
Dibromomethane	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
1,2-Dichlorobenzene	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
1,3-Dichlorobenzene	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
1,4-Dichlorobenzene	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
Dichlorodifluoromethane	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
1,1-Dichloroethane	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
1,2-Dichloroethane	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
1,1-Dichloroethene	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
cis-1,2-Dichloroethene	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:08

MW-7A

5111914-05 (Nonpotable Water)

Sample Date: 11/19/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
Dichlorofluoromethane	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
1,2-Dichloropropane	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
1,3-Dichloropropane	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
2,2-Dichloropropane	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
1,1-Dichloropropene	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
cis-1,3-Dichloropropene	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
trans-1,3-Dichloropropene	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
Diisopropyl ether (DIPE)	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
Ethylbenzene	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
Hexachlorobutadiene	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
2-Hexanone	ND		ug/L	100	100	10	11/20/15	11/20/15 15:07	WB
Isopropylbenzene (Cumene)	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
4-Isopropyltoluene	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
Methyl tert-butyl ether (MTBE)	752		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
4-Methyl-2-pentanone	ND		ug/L	100	100	10	11/20/15	11/20/15 15:07	WB
Methylene chloride	ND		ug/L	100	100	10	11/20/15	11/20/15 15:07	WB
Naphthalene	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
n-Propylbenzene	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
Styrene	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
Tetrachloroethene	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
Toluene	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
1,2,3-Trichlorobenzene	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
1,2,4-Trichlorobenzene	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
1,1,1-Trichloroethane	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
1,1,2-Trichloroethane	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
Trichloroethene	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
1,2,3-Trichloropropane	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
1,2,4-Trimethylbenzene	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
1,3,5-Trimethylbenzene	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:08

MW-7A

5111914-05 (Nonpotable Water)
Sample Date: 11/19/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
o-Xylene	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
m- & p-Xylenes	ND		ug/L	50.0	20.0	10	11/20/15	11/20/15 15:07	WB
Surrogate: 1,2-Dichloroethane-d4		75-120		91 %	11/20/15		11/20/15 15:07		
Surrogate: Toluene-d8		88-110		102 %	11/20/15		11/20/15 15:07		
Surrogate: 4-Bromofluorobenzene		80-110		90 %	11/20/15		11/20/15 15:07		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0057	0.0057	1	11/27/15	11/27/15 15:13	CMK



Will Brewington, Staff Chemist

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Analytical Results

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

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:08

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



Will Brewington, Staff Chemist

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30 November 2015

Kevin Howard
Chesapeake GeoSciences, Inc.
5405 Twin Knolls Rd, Suite I
Columbia, MD 21045
RE: LITTLE GEORGE'S DELI (8-1564CL)

Enclosed are the results of analyses for samples received by the laboratory on 11/23/15 09:48.

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

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

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

Sincerely,



Will Brewington
Staff Chemist

Analytical Results

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

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:14

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1		5112301-01	Nonpotable Water	11/20/15 13:10	11/23/15 09:48
MW-1A		5112301-02	Nonpotable Water	11/20/15 14:05	11/23/15 09:48
LOT 7 WELL		5112301-03	Nonpotable Water	11/20/15 15:15	11/23/15 09:48
DUPE		5112301-04	Nonpotable Water	11/20/15 00:00	11/23/15 09:48
TB		5112301-05	Nonpotable Water	11/20/15 07:15	11/23/15 09:48
FB		5112301-06	Nonpotable Water	11/20/15 12:00	11/23/15 09:48



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:14

MW-1

5112301-01 (Nonpotable Water)

Sample Date: 11/20/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	20.0	20.0	2	11/24/15	11/24/15 16:17	WB
tert-Amyl alcohol (TAA)	ND		ug/L	40.0	40.0	2	11/24/15	11/24/15 16:17	WB
tert-Amyl methyl ether (TAME)	13.6		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
Benzene	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
Bromobenzene	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
Bromochloromethane	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
Bromodichloromethane	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
Bromoform	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
Bromomethane	ND		ug/L	10.0	10.0	2	11/24/15	11/24/15 16:17	WB
tert-Butanol (TBA)	51.1		ug/L	30.0	30.0	2	11/24/15	11/24/15 16:17	WB
2-Butanone (MEK)	ND		ug/L	20.0	20.0	2	11/24/15	11/24/15 16:17	WB
n-Butylbenzene	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
sec-Butylbenzene	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
tert-Butylbenzene	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
Carbon disulfide	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
Carbon tetrachloride	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
Chlorobenzene	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
Chloroethane	ND		ug/L	10.0	10.0	2	11/24/15	11/24/15 16:17	WB
Chloroform	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
Chloromethane	ND		ug/L	10.0	10.0	2	11/24/15	11/24/15 16:17	WB
2-Chlorotoluene	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
4-Chlorotoluene	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
Dibromochloromethane	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
1,2-Dibromoethane (EDB)	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
Dibromomethane	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
1,2-Dichlorobenzene	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
1,3-Dichlorobenzene	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
1,4-Dichlorobenzene	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
Dichlorodifluoromethane	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
1,1-Dichloroethane	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
1,2-Dichloroethane	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
1,1-Dichloroethene	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
cis-1,2-Dichloroethene	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:14

MW-1

5112301-01 (Nonpotable Water)

Sample Date: 11/20/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
Dichlorofluoromethane	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
1,2-Dichloropropane	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
1,3-Dichloropropane	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
2,2-Dichloropropane	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
1,1-Dichloropropene	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
cis-1,3-Dichloropropene	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
trans-1,3-Dichloropropene	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
Diisopropyl ether (DIPE)	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
Ethylbenzene	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
Hexachlorobutadiene	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
2-Hexanone	ND		ug/L	20.0	20.0	2	11/24/15	11/24/15 16:17	WB
Isopropylbenzene (Cumene)	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
4-Isopropyltoluene	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
Methyl tert-butyl ether (MTBE)	255		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
4-Methyl-2-pentanone	ND		ug/L	20.0	20.0	2	11/24/15	11/24/15 16:17	WB
Methylene chloride	ND		ug/L	20.0	20.0	2	11/24/15	11/24/15 16:17	WB
Naphthalene	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
n-Propylbenzene	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
Styrene	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
Tetrachloroethene	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
Toluene	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
1,2,3-Trichlorobenzene	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
1,2,4-Trichlorobenzene	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
1,1,1-Trichloroethane	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
1,1,2-Trichloroethane	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
Trichloroethene	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
1,2,3-Trichloropropane	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
1,2,4-Trimethylbenzene	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
1,3,5-Trimethylbenzene	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:14

MW-1

5112301-01 (Nonpotable Water)
Sample Date: 11/20/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
o-Xylene	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
m- & p-Xylenes	ND		ug/L	10.0	4.0	2	11/24/15	11/24/15 16:17	WB
Surrogate: 1,2-Dichloroethane-d4		75-120		91 %	11/24/15		11/24/15 16:17		
Surrogate: Toluene-d8		88-110		102 %	11/24/15		11/24/15 16:17		
Surrogate: 4-Bromofluorobenzene		80-110		93 %	11/24/15		11/24/15 16:17		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0056	0.0056	1	11/27/15	11/27/15 15:21	CMK



Will Brewington, Staff Chemist

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.

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:14

MW-1A

5112301-02 (Nonpotable Water)

Sample Date: 11/20/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	40.0	40.0	4	11/24/15	11/24/15 16:50	WB
tert-Amyl alcohol (TAA)	ND		ug/L	80.0	80.0	4	11/24/15	11/24/15 16:50	WB
tert-Amyl methyl ether (TAME)	34.2		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
Benzene	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
Bromobenzene	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
Bromochloromethane	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
Bromodichloromethane	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
Bromoform	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
Bromomethane	ND		ug/L	20.0	20.0	4	11/24/15	11/24/15 16:50	WB
tert-Butanol (TBA)	221		ug/L	60.0	60.0	4	11/24/15	11/24/15 16:50	WB
2-Butanone (MEK)	ND		ug/L	40.0	40.0	4	11/24/15	11/24/15 16:50	WB
n-Butylbenzene	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
sec-Butylbenzene	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
tert-Butylbenzene	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
Carbon disulfide	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
Carbon tetrachloride	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
Chlorobenzene	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
Chloroethane	ND		ug/L	20.0	20.0	4	11/24/15	11/24/15 16:50	WB
Chloroform	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
Chloromethane	ND		ug/L	20.0	20.0	4	11/24/15	11/24/15 16:50	WB
2-Chlorotoluene	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
4-Chlorotoluene	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
Dibromochloromethane	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
1,2-Dibromoethane (EDB)	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
Dibromomethane	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
1,2-Dichlorobenzene	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
1,3-Dichlorobenzene	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
1,4-Dichlorobenzene	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
Dichlorodifluoromethane	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
1,1-Dichloroethane	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
1,2-Dichloroethane	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
1,1-Dichloroethene	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
cis-1,2-Dichloroethene	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:14

MW-1A

5112301-02 (Nonpotable Water)

Sample Date: 11/20/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
Dichlorofluoromethane	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
1,2-Dichloropropane	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
1,3-Dichloropropane	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
2,2-Dichloropropane	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
1,1-Dichloropropene	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
cis-1,3-Dichloropropene	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
trans-1,3-Dichloropropene	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
Diisopropyl ether (DIPE)	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
Ethylbenzene	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
Hexachlorobutadiene	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
2-Hexanone	ND		ug/L	40.0	40.0	4	11/24/15	11/24/15 16:50	WB
Isopropylbenzene (Cumene)	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
4-Isopropyltoluene	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
Methyl tert-butyl ether (MTBE)	603		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
4-Methyl-2-pentanone	ND		ug/L	40.0	40.0	4	11/24/15	11/24/15 16:50	WB
Methylene chloride	ND		ug/L	40.0	40.0	4	11/24/15	11/24/15 16:50	WB
Naphthalene	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
n-Propylbenzene	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
Styrene	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
Tetrachloroethene	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
Toluene	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
1,2,3-Trichlorobenzene	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
1,2,4-Trichlorobenzene	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
1,1,1-Trichloroethane	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
1,1,2-Trichloroethane	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
Trichloroethene	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
1,2,3-Trichloropropane	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
1,2,4-Trimethylbenzene	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
1,3,5-Trimethylbenzene	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:14

MW-1A

5112301-02 (Nonpotable Water)
Sample Date: 11/20/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
o-Xylene	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
m- & p-Xylenes	ND		ug/L	20.0	8.0	4	11/24/15	11/24/15 16:50	WB
Surrogate: 1,2-Dichloroethane-d4		75-120		91 %	11/24/15		11/24/15 16:50		
Surrogate: Toluene-d8		88-110		103 %	11/24/15		11/24/15 16:50		
Surrogate: 4-Bromofluorobenzene		80-110		92 %	11/24/15		11/24/15 16:50		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	0.0081		mg/L	0.0064	0.0064	1	11/27/15	11/27/15 16:00	CMK



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:14

LOT 7 WELL

5112301-03 (Nonpotable Water)

Sample Date: 11/20/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	100	100	10	11/24/15	11/24/15 17:23	WB
tert-Amyl alcohol (TAA)	ND		ug/L	200	200	10	11/24/15	11/24/15 17:23	WB
tert-Amyl methyl ether (TAME)	80.2		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
Benzene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
Bromobenzene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
Bromochloromethane	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
Bromodichloromethane	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
Bromoform	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
Bromomethane	ND		ug/L	50.0	50.0	10	11/24/15	11/24/15 17:23	WB
tert-Butanol (TBA)	677		ug/L	150	150	10	11/24/15	11/24/15 17:23	WB
2-Butanone (MEK)	ND		ug/L	100	100	10	11/24/15	11/24/15 17:23	WB
n-Butylbenzene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
sec-Butylbenzene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
tert-Butylbenzene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
Carbon disulfide	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
Carbon tetrachloride	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
Chlorobenzene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
Chloroethane	ND		ug/L	50.0	50.0	10	11/24/15	11/24/15 17:23	WB
Chloroform	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
Chloromethane	ND		ug/L	50.0	50.0	10	11/24/15	11/24/15 17:23	WB
2-Chlorotoluene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
4-Chlorotoluene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
Dibromochloromethane	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
1,2-Dibromoethane (EDB)	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
Dibromomethane	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
1,2-Dichlorobenzene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
1,3-Dichlorobenzene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
1,4-Dichlorobenzene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
Dichlorodifluoromethane	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
1,1-Dichloroethane	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
1,2-Dichloroethane	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
1,1-Dichloroethene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
cis-1,2-Dichloroethene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:14

LOT 7 WELL

5112301-03 (Nonpotable Water)

Sample Date: 11/20/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
Dichlorofluoromethane	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
1,2-Dichloropropane	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
1,3-Dichloropropane	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
2,2-Dichloropropane	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
1,1-Dichloropropene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
cis-1,3-Dichloropropene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
trans-1,3-Dichloropropene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
Diisopropyl ether (DIPE)	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
Ethylbenzene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
Hexachlorobutadiene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
2-Hexanone	ND		ug/L	100	100	10	11/24/15	11/24/15 17:23	WB
Isopropylbenzene (Cumene)	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
4-Isopropyltoluene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
Methyl tert-butyl ether (MTBE)	1630		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
4-Methyl-2-pentanone	ND		ug/L	100	100	10	11/24/15	11/24/15 17:23	WB
Methylene chloride	ND		ug/L	100	100	10	11/24/15	11/24/15 17:23	WB
Naphthalene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
n-Propylbenzene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
Styrene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
Tetrachloroethene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
Toluene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
1,2,3-Trichlorobenzene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
1,2,4-Trichlorobenzene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
1,1,1-Trichloroethane	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
1,1,2-Trichloroethane	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
Trichloroethene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
1,2,3-Trichloropropane	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
1,2,4-Trimethylbenzene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
1,3,5-Trimethylbenzene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:14

LOT 7 WELL

5112301-03 (Nonpotable Water)
Sample Date: 11/20/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
o-Xylene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
m- & p-Xylenes	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 17:23	WB
Surrogate: 1,2-Dichloroethane-d4		75-120		89 %	11/24/15		11/24/15 17:23		
Surrogate: Toluene-d8		88-110		102 %	11/24/15		11/24/15 17:23		
Surrogate: 4-Bromofluorobenzene		80-110		92 %	11/24/15		11/24/15 17:23		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	0.0101		mg/L	0.0063	0.0063	1	11/27/15	11/27/15 16:13	CMK



Will Brewington, Staff Chemist

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.

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:14

DUPE

5112301-04 (Nonpotable Water)

Sample Date: 11/20/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	100	100	10	11/24/15	11/24/15 15:44	WB
tert-Amyl alcohol (TAA)	ND		ug/L	200	200	10	11/24/15	11/24/15 15:44	WB
tert-Amyl methyl ether (TAME)	30.9	J	ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
Benzene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
Bromobenzene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
Bromochloromethane	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
Bromodichloromethane	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
Bromoform	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
Bromomethane	ND		ug/L	50.0	50.0	10	11/24/15	11/24/15 15:44	WB
tert-Butanol (TBA)	182		ug/L	150	150	10	11/24/15	11/24/15 15:44	WB
2-Butanone (MEK)	ND		ug/L	100	100	10	11/24/15	11/24/15 15:44	WB
n-Butylbenzene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
sec-Butylbenzene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
tert-Butylbenzene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
Carbon disulfide	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
Carbon tetrachloride	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
Chlorobenzene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
Chloroethane	ND		ug/L	50.0	50.0	10	11/24/15	11/24/15 15:44	WB
Chloroform	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
Chloromethane	ND		ug/L	50.0	50.0	10	11/24/15	11/24/15 15:44	WB
2-Chlorotoluene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
4-Chlorotoluene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
Dibromochloromethane	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
1,2-Dibromoethane (EDB)	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
Dibromomethane	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
1,2-Dichlorobenzene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
1,3-Dichlorobenzene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
1,4-Dichlorobenzene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
Dichlorodifluoromethane	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
1,1-Dichloroethane	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
1,2-Dichloroethane	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
1,1-Dichloroethene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
cis-1,2-Dichloroethene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:14

DUPE

5112301-04 (Nonpotable Water)

Sample Date: 11/20/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
Dichlorofluoromethane	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
1,2-Dichloropropane	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
1,3-Dichloropropane	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
2,2-Dichloropropane	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
1,1-Dichloropropene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
cis-1,3-Dichloropropene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
trans-1,3-Dichloropropene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
Diisopropyl ether (DIPE)	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
Ethylbenzene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
Hexachlorobutadiene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
2-Hexanone	ND		ug/L	100	100	10	11/24/15	11/24/15 15:44	WB
Isopropylbenzene (Cumene)	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
4-Isopropyltoluene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
Methyl tert-butyl ether (MTBE)	553		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
4-Methyl-2-pentanone	ND		ug/L	100	100	10	11/24/15	11/24/15 15:44	WB
Methylene chloride	ND		ug/L	100	100	10	11/24/15	11/24/15 15:44	WB
Naphthalene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
n-Propylbenzene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
Styrene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
Tetrachloroethene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
Toluene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
1,2,3-Trichlorobenzene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
1,2,4-Trichlorobenzene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
1,1,1-Trichloroethane	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
1,1,2-Trichloroethane	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
Trichloroethene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
1,2,3-Trichloropropane	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
1,2,4-Trimethylbenzene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
1,3,5-Trimethylbenzene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:14

DUPE

5112301-04 (Nonpotable Water)
Sample Date: 11/20/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
o-Xylene	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
m- & p-Xylenes	ND		ug/L	50.0	20.0	10	11/24/15	11/24/15 15:44	WB
Surrogate: 1,2-Dichloroethane-d4		75-120		88 %	11/24/15		11/24/15 15:44		
Surrogate: Toluene-d8		88-110		102 %	11/24/15		11/24/15 15:44		
Surrogate: 4-Bromofluorobenzene		80-110		93 %	11/24/15		11/24/15 15:44		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	0.0064		mg/L	0.0051	0.0051	1	11/27/15	11/27/15 16:20	CMK



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:14

TB

5112301-05 (Nonpotable Water)

Sample Date: 11/20/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	11/24/15	11/24/15 12:58	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	11/24/15	11/24/15 12:58	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
Benzene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
Bromoform	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
Bromomethane	ND		ug/L	5.0	5.0	1	11/24/15	11/24/15 12:58	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	11/24/15	11/24/15 12:58	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	11/24/15	11/24/15 12:58	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
Chloroethane	ND		ug/L	5.0	5.0	1	11/24/15	11/24/15 12:58	WB
Chloroform	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
Chloromethane	ND		ug/L	5.0	5.0	1	11/24/15	11/24/15 12:58	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

11/30/15 11:14

TB

5112301-05 (Nonpotable Water)

Sample Date: 11/20/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	11/24/15	11/24/15 12:58	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	11/24/15	11/24/15 12:58	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	11/24/15	11/24/15 12:58	WB
Naphthalene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
Styrene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
Toluene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:14

TB

5112301-05 (Nonpotable Water)
Sample Date: 11/20/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
o-Xylene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 12:58	WB
Surrogate: 1,2-Dichloroethane-d4			75-120	90 %	11/24/15		11/24/15 12:58		
Surrogate: Toluene-d8			88-110	102 %	11/24/15		11/24/15 12:58		
Surrogate: 4-Bromofluorobenzene			80-110	92 %	11/24/15		11/24/15 12:58		



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:14

FB

5112301-06 (Nonpotable Water)
Sample Date: 11/20/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	11/24/15	11/24/15 13:31	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	11/24/15	11/24/15 13:31	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
Benzene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
Bromoform	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
Bromomethane	ND		ug/L	5.0	5.0	1	11/24/15	11/24/15 13:31	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	11/24/15	11/24/15 13:31	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	11/24/15	11/24/15 13:31	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
Chloroethane	ND		ug/L	5.0	5.0	1	11/24/15	11/24/15 13:31	WB
Chloroform	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
Chloromethane	ND		ug/L	5.0	5.0	1	11/24/15	11/24/15 13:31	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:14

FB

5112301-06 (Nonpotable Water)

Sample Date: 11/20/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	11/24/15	11/24/15 13:31	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	11/24/15	11/24/15 13:31	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	11/24/15	11/24/15 13:31	WB
Naphthalene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
Styrene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
Toluene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB

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, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
11/30/15 11:14

FB

5112301-06 (Nonpotable Water)
Sample Date: 11/20/15

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
o-Xylene	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	11/24/15	11/24/15 13:31	WB
<i>Surrogate: 1,2-Dichloroethane-d4</i>				75-120	87 %		11/24/15	11/24/15 13:31	
<i>Surrogate: Toluene-d8</i>				88-110	103 %		11/24/15	11/24/15 13:31	
<i>Surrogate: 4-Bromofluorobenzene</i>				80-110	95 %		11/24/15	11/24/15 13:31	



Will Brewington, Staff Chemist

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.

Analytical Results

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

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

11/30/15 11:14

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



Will Brewington, Staff Chemist

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.

CHAIN-OF-CUSTODY RECORD

Company Name: Chesapeake GeoSciences, Inc.	Project Manager: Kevin Howard	Analysis Requested	
Project Name: Little George's Deli (8-1564CL)	Project ID: CG-08-0348	Dissolved CH4 Method RSK 175 VOCs via EPA 8260	
Sampler(s): Devin Glancey & Drew Hobbs	P.O. Number: CG080348KH	No. of Containers	
Field Sample ID	Date	Time	Water
MW-1	11/20/15	13:10	X
MW-1A	↓	14:05	X
Lot 7 Well	↓	15:15	X
Dupe	↓	00:00	X
TB	11/20/15	7:15	X
FB	11/20/15	12:00	X
Other			
Soil			
Other			
MSS Lab ID	51 2301 - 01		
MSS Lab ID	-02		
MSS Lab ID	-03		
MSS Lab ID	-04		
MSS Lab ID	-05		
MSS Lab ID	-06		

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

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

Preservative: 1+1
 HCL, H₂SO₄,
 Methanol,
 Na₂S₂O₃, NaHCO₃

Field pH, Residual
 Chlorine, QC
 Request, Trip
 Blank, Field Blank

Relinquished by: (Signature) *Devin Glancey*
 Received by: (Signature) *Devin Glancey*
 Date/Time: 11/20/15

Relinquished by: (Signature) *Devin Glancey*
 Received by: (Signature) *Devin Glancey*
 Date/Time: 11/23/15

Relinquished by: (Signature) *Devin Glancey*
 Received by: (Signature) *Devin Glancey*
 Date/Time: 09/48

Lab Use:
 Temp. G.D. °C
 Received on Ice
 Received same day
 Preservation Appropriate

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

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

Delivery Method:
 Courier
 Client
 UPS
 FedEx
 USPS
 Other: _____

Special Instructions/QC Requirements & Comments:
 MDE Data Deliverable Package 1/Rates
 Please include BTEX, Naphthalene, MTBE, TAME, TBA, ETBE,
 DIPE, 1,2-DCA, and 1,2-Dibromoethane in EPA 8260 Analyses.
 E-mail results to knoward@cgs.us.com

ENVIRO-CHEM LABORATORIES, INC.



47 Loveton Circle, Suite K • Sparks, Maryland 21152

410-472-1112

FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 11/29/2015
REPORT NBR: 151129110644

LAB#: E042397-01

SAMPLE ID: Lot 4 Well

LOCATION:

DATE SAMPLED: 11/17/2015

TIME SAMPLED: 9:18AM

SAMPLER- D Glancey, D Hobbs

DATE RECEIVED: 11/17/2015

TIME RECEIVED: 4:09PM

DELIVERED BY: D Hobbs

RECEIVED BY: Stephen Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	11/28/15 15:14	SES	< 0.010 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	11/18/15 11:36	SEN	6.9 mg/L		5.0
\$ Sulfate	EPA 300.0	11/17/15 16:17	SEN	4.1 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 11/29/2015
REPORT NBR: 151129110644

LAB#: E042397-02

SAMPLE ID: Sentinel Well

LOCATION:

DATE SAMPLED: 11/17/2015

TIME SAMPLED: 10:40AM

SAMPLER- D Glancey, D Hobbs

DATE RECEIVED: 11/17/2015

TIME RECEIVED: 4:09PM

DELIVERED BY: D Hobbs

RECEIVED BY: Stephen Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	11/28/15 15:15	SES	< 0.010 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	11/18/15 12:23	SEN	7.3 mg/L		0.2
\$ Sulfate	EPA 300.0	11/17/15 16:17	SEN	< 1.0 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 11/29/2015
REPORT NBR: 151129110644

LAB#: E042397-03

SAMPLE ID: H-3

LOCATION:

DATE SAMPLED: 11/17/2015

TIME SAMPLED: 1:50PM

SAMPLER- D Glancey, D Hobbs

DATE RECEIVED: 11/17/2015

TIME RECEIVED: 4:09PM

DELIVERED BY: D Hobbs

RECEIVED BY: Stephen Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	11/28/15 15:17	SES	0.677 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	11/18/15 15:48	SEN	11.0 mg/L		1.0
\$ Sulfate	EPA 300.0	11/17/15 16:17	SEN	16.5 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 11/29/2015
REPORT NBR: 151129110644

LAB#: E042397-04

SAMPLE ID: H-6

LOCATION:

DATE SAMPLED: 11/17/2015

TIME SAMPLED: 3:00PM

SAMPLER- D Glancey, D Hobbs

DATE RECEIVED: 11/17/2015

TIME RECEIVED: 4:09PM

DELIVERED BY: D Hobbs

RECEIVED BY: Stephen Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	11/28/15 18:55	SES	< 0.010 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	11/18/15 12:55	SEN	5.1 mg/L		0.2
\$ Sulfate	EPA 300.0	11/17/15 16:17	SEN	1.6 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 11/29/2015
REPORT NBR: 151129110644

LAB#: E042430-01

SAMPLE ID: MW-3

LOCATION:

DATE SAMPLED: 11/18/2015

TIME SAMPLED: 10:30AM

SAMPLER- D Glancey, D Hobbs

DATE RECEIVED: 11/18/2015

TIME RECEIVED: 4:15PM

DELIVERED BY: D Hobbs

RECEIVED BY: Ginny Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	11/28/15 15:20	SES	0.311 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	11/19/15 13:33	SEN	4.9 mg/L		0.4
\$ Sulfate	EPA 300.0	11/19/15 13:33	SEN	62.8 mg/L		2.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 11/29/2015
REPORT NBR: 151129110644

LAB#: E042430-02

SAMPLE ID: MW-5

LOCATION:

DATE SAMPLED: 11/18/2015

TIME SAMPLED: 12:25PM

SAMPLER- D Glancey, D Hobbs

DATE RECEIVED: 11/18/2015

TIME RECEIVED: 4:15PM

DELIVERED BY: D Hobbs

RECEIVED BY: Ginny Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	11/28/15 15:22	SES	0.322 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	11/19/15 14:20	SEN	7.0 mg/L		0.4
\$ Sulfate	EPA 300.0	11/19/15 14:20	SEN	< 2.0 mg/L		2.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 11/29/2015
REPORT NBR: 151129110644

LAB#: E042455-01

SAMPLE ID: MW-2

LOCATION:

DATE SAMPLED: 11/19/2015

TIME SAMPLED: 9:15AM

SAMPLER- D Glancey, D Hobbs

DATE RECEIVED: 11/19/2015

TIME RECEIVED: 3:54PM

DELIVERED BY: D Hobbs

RECEIVED BY: Ginny Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	11/28/15 15:23	SES	0.919 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	11/20/15 16:42	SEN	12.5 mg/L		1.0
\$ Sulfate	EPA 300.0	11/20/15 11:59	SEN	17.8 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 11/29/2015
REPORT NBR: 151129110644

LAB#: E042455-02

SAMPLE ID: H-1A

LOCATION:

DATE SAMPLED: 11/19/2015

TIME SAMPLED: 10:30AM

SAMPLER- D Glancey, D Hobbs

DATE RECEIVED: 11/19/2015

TIME RECEIVED: 3:54PM

DELIVERED BY: D Hobbs

RECEIVED BY: Ginny Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	11/28/15 15:25	SES	13.0 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	11/20/15 12:46	SEN	3.2 mg/L		0.2
\$ Sulfate	EPA 300.0	11/20/15 12:46	SEN	2.3 mg/L		1.0

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FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 11/29/2015
REPORT NBR: 151129110644

LAB#: E042455-03

SAMPLE ID: MW-7B

LOCATION:

DATE SAMPLED: 11/19/2015

TIME SAMPLED: 12:00PM

SAMPLER- D Glancey, D Hobbs

DATE RECEIVED: 11/19/2015

TIME RECEIVED: 3:54PM

DELIVERED BY: D Hobbs

RECEIVED BY: Ginny Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	11/28/15 15:27	SES	0.334 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	11/21/15 11:33	SES	0.8 mg/L		0.2
\$ Sulfate	EPA 300.0	11/21/15 11:33	SES	1.8 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 11/29/2015
REPORT NBR: 151129110644

LAB#: E042455-04

SAMPLE ID: MW-7R

LOCATION:

DATE SAMPLED: 11/19/2015

TIME SAMPLED: 1:25PM

SAMPLER- D Glancey, D Hobbs

DATE RECEIVED: 11/19/2015

TIME RECEIVED: 3:54PM

DELIVERED BY: D Hobbs

RECEIVED BY: Ginny Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	11/28/15 15:28	SES	0.491 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	11/20/15 13:01	SEN	6.2 mg/L		0.2
\$ Sulfate	EPA 300.0	11/20/15 13:01	SEN	28.6 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 11/29/2015
REPORT NBR: 151129110644

LAB#: E042455-05

SAMPLE ID: MW-7A

LOCATION:

DATE SAMPLED: 11/19/2015

TIME SAMPLED: 2:30PM

SAMPLER- D Glancey, D Hobbs

DATE RECEIVED: 11/19/2015

TIME RECEIVED: 3:54PM

DELIVERED BY: D Hobbs

RECEIVED BY: Ginny Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	11/28/15 15:41	SES	0.061 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	11/20/15 13:17	SEN	6.3 mg/L		0.2
\$ Sulfate	EPA 300.0	11/20/15 13:17	SEN	4.6 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 11/29/2015
REPORT NBR: 151129110644

LAB#: E042477-01

SAMPLE ID: MW-1

LOCATION:

DATE SAMPLED: 11/20/2015

TIME SAMPLED: 1:10PM

SAMPLER- D Glancey, D Hobbs

DATE RECEIVED: 11/20/2015

TIME RECEIVED: 4:15PM

DELIVERED BY: D Hobbs

RECEIVED BY: Ginny Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	11/28/15 15:45	SES	2.90 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	11/20/15 21:02	SEN	5.5 mg/L		0.2
\$ Sulfate	EPA 300.0	11/20/15 21:02	SEN	4.7 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 11/29/2015
REPORT NBR: 151129110644

LAB#: E042477-02

SAMPLE ID: MW-1A

LOCATION:

DATE SAMPLED: 11/20/2015

TIME SAMPLED: 2:05PM

SAMPLER- D Glancey, D Hobbs

DATE RECEIVED: 11/20/2015

TIME RECEIVED: 4:15PM

DELIVERED BY: D Hobbs

RECEIVED BY: Ginny Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	11/28/15 15:47	SES	3.15 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	11/20/15 21:50	SEN	5.6 mg/L		0.2
\$ Sulfate	EPA 300.0	11/20/15 21:50	SEN	6.0 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 11/29/2015
REPORT NBR: 151129110644

LAB#: E042477-03

SAMPLE ID: Lot 7 Well

LOCATION:

DATE SAMPLED: 11/20/2015

TIME SAMPLED: 3:15PM

SAMPLER- D Glancey, D Hobbs

DATE RECEIVED: 11/20/2015

TIME RECEIVED: 4:15PM

DELIVERED BY: D Hobbs

RECEIVED BY: Ginny Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	11/28/15 15:48	SES	0.037 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	11/20/15 22:05	SEN	5.7 mg/L		0.2
\$ Sulfate	EPA 300.0	11/20/15 22:05	SEN	3.3 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 11/29/2015
REPORT NBR: 151129110644

LAB#: E042477-04

SAMPLE ID: Dupe

LOCATION:

DATE SAMPLED: 11/20/2015

TIME SAMPLED: Information Not

SAMPLER- D Glancey, D Hobbs

DATE RECEIVED: 11/20/2015

Provided

DELIVERED BY: D Hobbs

TIME RECEIVED: 4:15PM

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	11/28/15 16:18	SES	< 0.010 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	11/20/15 22:21	SEN	5.6 mg/L		0.2
\$ Sulfate	EPA 300.0	11/20/15 22:21	SEN	6.1 mg/L		1.0

Stephen Shelley
Laboratory Director

ENVIRO-CHEM LABORATORIES, INC.



47 Loveton Circle, Suite K • Sparks, Maryland 21152

410-472-1112

Certifications

#192 # - State of Maryland Certification
68-04873 * - NELAP Certification
460255 ! - VELAP Certification

Qualifier(s)

Indicates a MD certified Analyte
* Indicates a NELAP certified Analyte
! Indicates a VELAP certified Analyte
\$ Not a certified Analyte

QUALITY CONTROL SUMMARY

REPORT NBR: 151129110644

Enviro-Chem

Analyte QC Type	Sample Source	Date Prep'd	Date Analyzed	Result	MRL	Units	Spike Level	Source Result	% REC % REC	% REC Limits	RPD	RPD Limit
Batch B5K0174												
Nitrate (as N)												
Duplicate	E042397-01	11/18/2015	11/18/2015	7	0.2	mg/L		7			0.0421	20
LCS		11/17/2015	11/17/2015	1	0.2	mg/L	1.00		96.7	90-110		
Matrix Spike	E042397-01	11/18/2015	11/18/2015	8	0.2	mg/L	1.00	7	112	80-120		
Sulfate												
Duplicate	E042397-01	11/18/2015	11/18/2015	4.1	1.0	mg/L		4.1			0.120	20
LCS		11/17/2015	11/17/2015	9.7	1.0	mg/L	10.0		97.4	90-110		
Matrix Spike	E042397-01	11/18/2015	11/18/2015	13.7	1.0	mg/L	10.0	4.1	96.2	80-120		
Batch B5K0194												
Nitrate (as N)												
Duplicate	E042431-01	11/19/2015	11/19/2015	2	0.2	mg/L		2			0.0298	20
Duplicate	E042407-01	11/19/2015	11/19/2015	5	0.2	mg/L		5			0.189	20
LCS		11/19/2015	11/19/2015	1	0.2	mg/L	1.00		98.2	90-110		
Matrix Spike	E042431-01	11/19/2015	11/19/2015	3	0.2	mg/L	1.00	2	102	80-120		
Matrix Spike	E042407-01	11/19/2015	11/19/2015	6	0.2	mg/L	1.00	5	110	80-120		
Sulfate												
Duplicate	E042407-01	11/19/2015	11/19/2015	15.9	1.0	mg/L		15.9			0.0546	20
Duplicate	E042431-01	11/19/2015	11/19/2015	<1.0	1.0	mg/L						20
LCS		11/19/2015	11/19/2015	9.4	1.0	mg/L	10.0		94.2	90-110		
Matrix Spike	E042431-01	11/19/2015	11/19/2015	10.0	1.0	mg/L	10.0		99.7	80-120		
Matrix Spike	E042407-01	11/19/2015	11/19/2015	26.1	1.0	mg/L	10.0	15.9	102	80-120		
Batch B5K0212												
Nitrate (as N)												
Duplicate	E042455-01	11/20/2015	11/20/2015	10	1.0	mg/L		10			0.516	20
Duplicate	E042462-01	11/20/2015	11/20/2015	2	0.2	mg/L		2			0.790	20
LCS		11/20/2015	11/20/2015	1	0.2	mg/L	1.00		96.4	90-110		
Matrix Spike	E042462-01	11/20/2015	11/20/2015	3	0.2	mg/L	1.00	2	99.7	80-120		
Sulfate												
Duplicate	E042455-01	11/20/2015	11/20/2015	17.8	1.0	mg/L		17.8			0.0596	20
Duplicate	E042462-01	11/20/2015	11/20/2015	<1.0	1.0	mg/L		ND				20
LCS		11/20/2015	11/20/2015	9.3	1.0	mg/L	10.0		93.4	90-110		
Matrix Spike	E042455-01	11/20/2015	11/20/2015	28.1	1.0	mg/L	10.0	17.8	103	80-120		
Matrix Spike	E042462-01	11/20/2015	11/20/2015	9.8	1.0	mg/L	10.0	ND	98.4	80-120		
Batch B5K0218												
Nitrate (as N)												
Duplicate	E042477-01	11/20/2015	11/20/2015	5	0.2	mg/L		5			0.124	20
LCS		11/20/2015	11/20/2015	1	0.2	mg/L	1.00		96.9	90-110		
Matrix Spike	E042477-01	11/20/2015	11/20/2015	7	0.2	mg/L	1.00	5	110	80-120		
Sulfate												
Duplicate	E042477-01	11/20/2015	11/20/2015	4.7	1.0	mg/L		4.7			0.619	20
LCS		11/20/2015	11/20/2015	9.5	1.0	mg/L	10.0		95.2	90-110		
Matrix Spike	E042477-01	11/20/2015	11/20/2015	14.3	1.0	mg/L	10.0	4.7	95.8	80-120		
Batch B5K0220												

QUALITY CONTROL SUMMARY

REPORT NBR: 151129110644

Enviro-Chem

Analyte QC Type	Sample Source	Date Prep'd	Date Analyzed	Result	MRL	Units	Spike Level	Source Result	% REC % REC	% REC Limits	RPD RPD	RPD Limit
Batch B5K0220 (Continued)												
Nitrate (as N)												
Duplicate	E042481-01	11/21/2015	11/21/2015	3	0.2	mg/L		3			0.306	20
LCS		11/21/2015	11/21/2015	1	0.2	mg/L	1.00		96.7	90-110		
Matrix Spike	E042481-01	11/21/2015	11/21/2015	4	0.2	mg/L	1.00	3	107	80-120		
Sulfate												
Duplicate	E042481-01	11/21/2015	11/21/2015	<1.0	1.0	mg/L		ND				20
LCS		11/21/2015	11/21/2015	9.4	1.0	mg/L	10.0		94.2	90-110		
Matrix Spike	E042481-01	11/21/2015	11/21/2015	10.2	1.0	mg/L	10.0	ND	102	80-120		
Batch B5K0270												
Manganese												
Blank		11/28/2015	11/28/2015	<0.010	0.010	mg/L						
Blank		11/28/2015	11/28/2015	<0.010	0.010	mg/L						
Duplicate	E042370-01	11/28/2015	11/28/2015	0.015	0.010	mg/L		0.015			NC	20
Duplicate	E042543-01	11/28/2015	11/28/2015	0.089	0.010	mg/L		0.089			0.00	20
LCS		11/28/2015	11/28/2015	0.453	0.010	mg/L	0.500		90.6	85-115		
LCS		11/28/2015	11/28/2015	0.455	0.010	mg/L	0.500		91.0	85-115		
Matrix Spike	E042370-01	11/28/2015	11/28/2015	0.447	0.010	mg/L	0.500	0.015	86.4	70-130		
Matrix Spike	E042543-01	11/28/2015	11/28/2015	0.527	0.010	mg/L	0.500	0.089	87.6	70-130		

* - Indicates Recovery/RPD failed Criteria.

NC - Indicates Duplicate Result or Sample Duplicate Result < 4 * Method reporting limit

Client: Chesapeake GeoSciences, Inc. Phone No.: (410) 740-1911

Project Manager: Kevin Howard Fax No.: (410) 740-3299

Sampler: Devin Glanney & Drew Hobbs Email: khoward@cgs.us.com

Project Name: Little George's Del. (8-15644) Project Number: CG-08-0348

P.O. Number: CG80348/LH

ECL Log in Batch Number

Page 1 of 1

Preservative Key:
NA = Nitric Acid, pH <2
SA = Sulfuric Acid, pH <2
OH = NaOH, pH >12
TI = Thioureate
Zn = Zinc Acetate
N = None, Chilled
X = Other

Enviro-Chem Lab No.	Sample Identification (As it is to appear on report)	Date Sampled	Time Sampled	Matrix	Containers	No. of Containers	Sample Type C = Comp. G = Grab	Preservative				Remarks
								4°C	4°C	4°C	4°C	
E042397-01	Lot 4 well	11/17/15	9:18	GW	1	1	G	X	X	X	X	* All samples Field Filtered
E042397-02	Seahell well	11/17/15	16:40	GW	1	1	G	X	X	X	X	
E042397-03	H-3	11/17/15	13:50	GW	1	1	G	X	X	X	X	
E042397-04	H-6	11/17/15	15:00	GW	1	1	G	X	X	X	X	
Collected / Relinquished By		Date	Time	Received By								
		11/17/15	16:09									
Relinquished By		Date	Time	Received By								
Relinquished By		Date	Time	Received By								
COC/Labels match	N	# of Samples	4	# of Bottles	4	Explain any "NO" answers						
Bottles intact/appropriate	N	Preserved correctly	Y		NA							

Enviro-Chem Laboratories, Inc.

Sample Chain of Custody

47 Loveton Circle, Suite K

Sparks, MD 21152

Client: Chesapeake GeoSciences, Inc.

Phone No.: (410) 740-1911

ECL Log in Batch Number

Page 1 of 1

Project Manager: Kevin Howard

Fax No.: (410) 740-3299

Preservative Key:

Sampler: Devin Glancy, Drew Hubbs Email: khoward@cg5.us.com

Project Name: Little George's Delite (564CL) Project Number: CG-08-034E

P.O. Number: CG08034E/KH

Containers of

No. of

Sample Type

C = Comp. G = Grab

4 C 4 C 4 C

4 C 4 C 4 C

4 C 4 C 4 C

4 C 4 C 4 C

Enviro-Chem Lab No.

Sample Identification (As it is to appear on report)

Date Sampled

Time Sampled

Matrix

Containers

Sample Type

C = Comp. G = Grab

4 C 4 C 4 C

4 C 4 C 4 C

4 C 4 C 4 C

4 C 4 C 4 C

4 C 4 C 4 C

E042430-01

MW-3

11/18/15

10:30

GW

1

G

X X X

X X X

X X X

X X X

X X X

X X X

X X X

E042430-02

MW-5

11/18/15

12:25

GW

1

G

X X X

X X X

X X X

X X X

X X X

X X X

X X X

E042430-03

MW-3

11/18/15

10:30

GW

1

G

X X X

X X X

X X X

X X X

X X X

X X X

X X X

E042430-04

MW-3

11/18/15

10:30

GW

1

G

X X X

X X X

X X X

X X X

X X X

X X X

X X X

E042430-05

MW-3

11/18/15

10:30

GW

1

G

X X X

X X X

X X X

X X X

X X X

X X X

X X X

E042430-06

MW-3

11/18/15

10:30

GW

1

G

X X X

X X X

X X X

X X X

X X X

X X X

X X X

E042430-07

MW-3

11/18/15

10:30

GW

1

G

X X X

X X X

X X X

X X X

X X X

X X X

X X X

E042430-08

MW-3

11/18/15

10:30

GW

1

G

X X X

X X X

X X X

X X X

X X X

X X X

X X X

E042430-09

MW-3

11/18/15

10:30

GW

1

G

X X X

X X X

X X X

X X X

X X X

X X X

X X X

E042430-10

MW-3

11/18/15

10:30

GW

1

G

X X X

X X X

X X X

X X X

X X X

X X X

X X X

E042430-11

MW-3

11/18/15

10:30

GW

1

G

X X X

X X X

X X X

X X X

X X X

X X X

X X X

E042430-12

MW-3

11/18/15

10:30

GW

1

G

X X X

X X X

X X X

X X X

X X X

X X X

X X X

E042430-13

MW-3

11/18/15

10:30

GW

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G

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X X X

E042430-14

MW-3

11/18/15

10:30

GW

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X X X

X X X

X X X

X X X

X X X

E042430-15

MW-3

11/18/15

10:30

GW

1

G

X X X

X X X

X X X

X X X

X X X

X X X

X X X

E042430-16

MW-3

11/18/15

10:30

GW

1

G

X X X

X X X

X X X

X X X

X X X

X X X

X X X

Client: Chesapeake Geosciences, Inc. Phone No.: 410 740-1911

Project Manager: Kevin Howard Fax No.: (410) 740-3294

Sampler: Devin Glaney, Drew Halls Email: Andrew@cgsc.us.com

Project Name: Little George's Del. Project Number: CG-08-034E

P.O. Number: CG080348KH

Enviro-Chem Lab No.	Sample Identification (As it is to appear on report)	Date Sampled	Time Sampled	Matrix	ECL Log in Batch Number			Page	of	Preservative Key: NA = Nitric Acid, pH < 2 SA = Sulfuric Acid, pH < 2 OH = NaOH, pH > 12 TI = Thiocyanate Zn = Zinc Acetate N = None, Chilled X = Other
					Containers	No. of	Sample Type C = Comp. G = Grab			
E042455-01	MW-2	11/19/15	9:15	GW	1	G	X	X	X	Remarks All samples were field R/teed
E042455-02	H-1A	11/19/15	10:30	GW	1	G	X	X	X	
E042455-03	MW-7B	11/19/15	12:00	GW	1	G	X	X	X	
E042455-04	MW-7R	11/19/15	13:25	GW	1	G	X	X	X	
E042455-05	MW-7A	11/19/15	14:30	GW	1	G	X	X	X	
Collected / Relinquished By: <u>[Signature]</u>					Date	Time	Received By			
Relinquished By: <u>[Signature]</u>					Date	Time	Received By			
Relinquished By:					Date	Time	Received By			
Relinquished By:					Date	Time	Received By			
COC/Labels match					Y	N	# of Samples	# of Bottles	Explain any "NO" answers	
Bottles intact/appropriate					Y	N	Preserved correctly	Y	N	NA

Deliverables Required

Turnaround Requested: STD 1-Day Other

Special Instructions, Comments:

Coolers: 1 Seal

Ice Present: X Temp: 5.1

Rush?

Client: Chesapeake Gas Services Phone No.: (410) 740 1911 ECL Log in Batch Number _____ Page _____ of _____

Project Manager: Kevin Howard Fax No.: (410) 740-3399

Sampler: Davin Blumway + Drew Hobbs Email: khoward@ecs.us.com

Project Name: Georges Deli Project Number: CG-08-0348

P.O. Number: CG080348

Enviro-Chem Lab No.	Sample Identification (As it is to appear on report)	Date Sampled	Time Sampled	Matrix	No. of Containers	Sample Type C = Comp. G = Grab	Preservative	Remarks
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<u>E042472-01</u>	<u>MW-1</u>	<u>11/20/15</u>	<u>13:10</u>	<u>GW</u>	<u>1</u>	<u>G</u>	<u>4C 4C 4C</u>	<u>* All Samples Field Filtered</u>
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<u>E042472-02</u>	<u>MW-1A</u>		<u>14:05</u>		<u>1</u>			
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<u>E042472-03</u>	<u>Lot 7 Well</u>		<u>15:15</u>		<u>1</u>			
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<u>E042472-04</u>	<u>Dupe</u>		<u>00:00</u>		<u>1</u>			
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Collected / Relinquished By	Date	Time	Received By	Deliverables Required	# Coolers	Seal
<u>Dee Hill</u>	<u>11/20/15</u>	<u>16:15</u>	<u>[Signature]</u>		<u>1</u>	<u>[Signature]</u>

Relinquished By _____ Date _____ Time _____ Received By _____

Relinquished By _____ Date _____ Time _____ Received By _____

Relinquished By _____ Date _____ Time _____ Received By _____

COCLabels match N # of Samples 4 # of Bottles 4 Explain any "NO" answers air held @ 165

Bottles intact/appropriate N Preserved correctly Y N NA

Phone 410-472-1112 www.enviro-chem.net Fax: 410-472-1116

ATTACHMENT B-3

**LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY RECORDS
FEBRUARY 2016 SAMPLING EVENT**

25 February 2016

Kevin Howard
Chesapeake GeoSciences, Inc.
5405 Twin Knolls Rd, Suite I
Columbia, MD 21045
RE: LITTLE GEORGE'S DELI (8-1564CL)

Enclosed are the results of analyses for samples received by the laboratory on 02/22/16 16:15.

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

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

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

Sincerely,



Will Brewington
Staff Chemist

Analytical Results

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

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
02/25/16 13:19

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
2173-DW-PRE		6022206-01	Drinking Water	02/22/16 14:20	02/22/16 16:15
2173-DW-MID		6022206-02	Drinking Water	02/22/16 14:15	02/22/16 16:15
2173-DW-POST		6022206-03	Drinking Water	02/22/16 14:10	02/22/16 16:15
DW-FB		6022206-04	Drinking Water	02/22/16 16:15	02/22/16 16:15
2040-DW		6022206-05	Drinking Water	02/22/16 14:55	02/22/16 16:15
MW-6		6022206-06	Nonpotable Water	02/22/16 12:50	02/22/16 16:15
MW-4		6022206-07	Nonpotable Water	02/22/16 13:05	02/22/16 16:15



Will Brewington, Staff Chemist

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.

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
02/25/16 13:19

2173-DW-PRE

6022206-01 (Drinking Water)

Sample Date: 02/22/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS)									
tert-Amyl alcohol (TAA)	ND		ug/L	10.0	10.0	1	02/24/16	02/24/16 13:37	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	0.50	0.13	1	02/24/16	02/24/16 13:37	WB
Benzene	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 13:37	WB
Bromobenzene	ND		ug/L	0.50	0.10	1	02/24/16	02/24/16 13:37	WB
Bromochloromethane	ND		ug/L	0.50	0.14	1	02/24/16	02/24/16 13:37	WB
Bromodichloromethane	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 13:37	WB
Bromoform	ND		ug/L	0.50	0.14	1	02/24/16	02/24/16 13:37	WB
Bromomethane	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 13:37	WB
tert-Butanol (TBA)	ND		ug/L	10.0	1.81	1	02/24/16	02/24/16 13:37	WB
n-Butylbenzene	ND		ug/L	0.50	0.05	1	02/24/16	02/24/16 13:37	WB
sec-Butylbenzene	ND		ug/L	0.50	0.05	1	02/24/16	02/24/16 13:37	WB
tert-Butylbenzene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 13:37	WB
Carbon tetrachloride	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 13:37	WB
Chlorobenzene	ND		ug/L	0.50	0.05	1	02/24/16	02/24/16 13:37	WB
Chloroethane	ND		ug/L	0.50	0.13	1	02/24/16	02/24/16 13:37	WB
Chloroform	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 13:37	WB
Chloromethane	ND		ug/L	0.50	0.25	1	02/24/16	02/24/16 13:37	WB
2-Chlorotoluene	ND		ug/L	0.50	0.20	1	02/24/16	02/24/16 13:37	WB
4-Chlorotoluene	ND		ug/L	0.50	0.20	1	02/24/16	02/24/16 13:37	WB
Dibromochloromethane	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 13:37	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	0.50	0.18	1	02/24/16	02/24/16 13:37	WB
1,2-Dibromoethane (EDB)	ND		ug/L	0.50	0.08	1	02/24/16	02/24/16 13:37	WB
Dibromomethane	ND		ug/L	0.50	0.16	1	02/24/16	02/24/16 13:37	WB
1,2-Dichlorobenzene	ND		ug/L	0.50	0.10	1	02/24/16	02/24/16 13:37	WB
1,3-Dichlorobenzene	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 13:37	WB
1,4-Dichlorobenzene	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 13:37	WB
Dichlorodifluoromethane	ND		ug/L	0.50	0.33	1	02/24/16	02/24/16 13:37	WB
1,1-Dichloroethane	ND		ug/L	0.50	0.05	1	02/24/16	02/24/16 13:37	WB
1,2-Dichloroethane	ND		ug/L	0.50	0.11	1	02/24/16	02/24/16 13:37	WB
1,1-Dichloroethene	ND		ug/L	0.50	0.11	1	02/24/16	02/24/16 13:37	WB
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.08	1	02/24/16	02/24/16 13:37	WB
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.09	1	02/24/16	02/24/16 13:37	WB
1,2-Dichloropropane	ND		ug/L	0.50	0.10	1	02/24/16	02/24/16 13:37	WB
1,3-Dichloropropane	ND		ug/L	0.50	0.13	1	02/24/16	02/24/16 13:37	WB

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, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
02/25/16 13:19

2173-DW-PRE

6022206-01 (Drinking Water)

Sample Date: 02/22/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS) (continued)									
2,2-Dichloropropane	ND		ug/L	0.50	0.12	1	02/24/16	02/24/16 13:37	WB
1,1-Dichloropropene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 13:37	WB
cis-1,3-Dichloropropene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 13:37	WB
trans-1,3-Dichloropropene	ND		ug/L	0.50	0.08	1	02/24/16	02/24/16 13:37	WB
Diisopropyl ether (DIPE)	ND		ug/L	0.50	0.19	1	02/24/16	02/24/16 13:37	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.50	0.24	1	02/24/16	02/24/16 13:37	WB
Ethylbenzene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 13:37	WB
Hexachlorobutadiene	ND		ug/L	0.50	0.21	1	02/24/16	02/24/16 13:37	WB
Isopropylbenzene (Cumene)	ND		ug/L	0.50	0.04	1	02/24/16	02/24/16 13:37	WB
4-Isopropyltoluene	ND		ug/L	0.50	0.03	1	02/24/16	02/24/16 13:37	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	0.50	0.21	1	02/24/16	02/24/16 13:37	WB
Methylene chloride	ND		ug/L	0.50	0.24	1	02/24/16	02/24/16 13:37	WB
Naphthalene	ND		ug/L	0.50	0.17	1	02/24/16	02/24/16 13:37	WB
n-Propylbenzene	ND		ug/L	0.50	0.05	1	02/24/16	02/24/16 13:37	WB
Styrene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 13:37	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.08	1	02/24/16	02/24/16 13:37	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.08	1	02/24/16	02/24/16 13:37	WB
Tetrachloroethene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 13:37	WB
Toluene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 13:37	WB
1,2,3-Trichlorobenzene	ND		ug/L	0.50	0.15	1	02/24/16	02/24/16 13:37	WB
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 13:37	WB
1,1,1-Trichloroethane	ND		ug/L	0.50	0.09	1	02/24/16	02/24/16 13:37	WB
1,1,2-Trichloroethane	ND		ug/L	0.50	0.16	1	02/24/16	02/24/16 13:37	WB
Trichloroethene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 13:37	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	0.50	0.29	1	02/24/16	02/24/16 13:37	WB
1,2,3-Trichloropropane	ND		ug/L	0.50	0.26	1	02/24/16	02/24/16 13:37	WB
1,2,4-Trimethylbenzene	ND		ug/L	0.50	0.04	1	02/24/16	02/24/16 13:37	WB
1,3,5-Trimethylbenzene	ND		ug/L	0.50	0.04	1	02/24/16	02/24/16 13:37	WB
Vinyl chloride	ND		ug/L	0.50	0.20	1	02/24/16	02/24/16 13:37	WB
o-Xylene	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 13:37	WB
m- & p-Xylenes	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 13:37	WB
Surrogate: 4-Bromofluorobenzene		80-120		82 %		02/24/16	02/24/16 13:37		
Surrogate: 1,2-Dichlorobenzene-d4		80-120		88 %		02/24/16	02/24/16 13:37		

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
02/25/16 13:19

2173-DW-MID

6022206-02 (Drinking Water)
Sample Date: 02/22/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS)									
tert-Amyl alcohol (TAA)	ND		ug/L	10.0	10.0	1	02/24/16	02/24/16 14:10	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	0.50	0.13	1	02/24/16	02/24/16 14:10	WB
Benzene	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 14:10	WB
Bromobenzene	ND		ug/L	0.50	0.10	1	02/24/16	02/24/16 14:10	WB
Bromochloromethane	ND		ug/L	0.50	0.14	1	02/24/16	02/24/16 14:10	WB
Bromodichloromethane	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 14:10	WB
Bromoform	ND		ug/L	0.50	0.14	1	02/24/16	02/24/16 14:10	WB
Bromomethane	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 14:10	WB
tert-Butanol (TBA)	ND		ug/L	10.0	1.81	1	02/24/16	02/24/16 14:10	WB
n-Butylbenzene	ND		ug/L	0.50	0.05	1	02/24/16	02/24/16 14:10	WB
sec-Butylbenzene	ND		ug/L	0.50	0.05	1	02/24/16	02/24/16 14:10	WB
tert-Butylbenzene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 14:10	WB
Carbon tetrachloride	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 14:10	WB
Chlorobenzene	ND		ug/L	0.50	0.05	1	02/24/16	02/24/16 14:10	WB
Chloroethane	ND		ug/L	0.50	0.13	1	02/24/16	02/24/16 14:10	WB
Chloroform	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 14:10	WB
Chloromethane	ND		ug/L	0.50	0.25	1	02/24/16	02/24/16 14:10	WB
2-Chlorotoluene	ND		ug/L	0.50	0.20	1	02/24/16	02/24/16 14:10	WB
4-Chlorotoluene	ND		ug/L	0.50	0.20	1	02/24/16	02/24/16 14:10	WB
Dibromochloromethane	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 14:10	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	0.50	0.18	1	02/24/16	02/24/16 14:10	WB
1,2-Dibromoethane (EDB)	ND		ug/L	0.50	0.08	1	02/24/16	02/24/16 14:10	WB
Dibromomethane	ND		ug/L	0.50	0.16	1	02/24/16	02/24/16 14:10	WB
1,2-Dichlorobenzene	ND		ug/L	0.50	0.10	1	02/24/16	02/24/16 14:10	WB
1,3-Dichlorobenzene	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 14:10	WB
1,4-Dichlorobenzene	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 14:10	WB
Dichlorodifluoromethane	ND		ug/L	0.50	0.33	1	02/24/16	02/24/16 14:10	WB
1,1-Dichloroethane	ND		ug/L	0.50	0.05	1	02/24/16	02/24/16 14:10	WB
1,2-Dichloroethane	ND		ug/L	0.50	0.11	1	02/24/16	02/24/16 14:10	WB
1,1-Dichloroethene	ND		ug/L	0.50	0.11	1	02/24/16	02/24/16 14:10	WB
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.08	1	02/24/16	02/24/16 14:10	WB
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.09	1	02/24/16	02/24/16 14:10	WB
1,2-Dichloropropane	ND		ug/L	0.50	0.10	1	02/24/16	02/24/16 14:10	WB
1,3-Dichloropropane	ND		ug/L	0.50	0.13	1	02/24/16	02/24/16 14:10	WB

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
02/25/16 13:19

2173-DW-MID

6022206-02 (Drinking Water)

Sample Date: 02/22/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS) (continued)									
2,2-Dichloropropane	ND		ug/L	0.50	0.12	1	02/24/16	02/24/16 14:10	WB
1,1-Dichloropropene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 14:10	WB
cis-1,3-Dichloropropene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 14:10	WB
trans-1,3-Dichloropropene	ND		ug/L	0.50	0.08	1	02/24/16	02/24/16 14:10	WB
Diisopropyl ether (DIPE)	ND		ug/L	0.50	0.19	1	02/24/16	02/24/16 14:10	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.50	0.24	1	02/24/16	02/24/16 14:10	WB
Ethylbenzene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 14:10	WB
Hexachlorobutadiene	ND		ug/L	0.50	0.21	1	02/24/16	02/24/16 14:10	WB
Isopropylbenzene (Cumene)	ND		ug/L	0.50	0.04	1	02/24/16	02/24/16 14:10	WB
4-Isopropyltoluene	ND		ug/L	0.50	0.03	1	02/24/16	02/24/16 14:10	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	0.50	0.21	1	02/24/16	02/24/16 14:10	WB
Methylene chloride	ND		ug/L	0.50	0.24	1	02/24/16	02/24/16 14:10	WB
Naphthalene	ND		ug/L	0.50	0.17	1	02/24/16	02/24/16 14:10	WB
n-Propylbenzene	ND		ug/L	0.50	0.05	1	02/24/16	02/24/16 14:10	WB
Styrene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 14:10	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.08	1	02/24/16	02/24/16 14:10	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.08	1	02/24/16	02/24/16 14:10	WB
Tetrachloroethene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 14:10	WB
Toluene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 14:10	WB
1,2,3-Trichlorobenzene	ND		ug/L	0.50	0.15	1	02/24/16	02/24/16 14:10	WB
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 14:10	WB
1,1,1-Trichloroethane	ND		ug/L	0.50	0.09	1	02/24/16	02/24/16 14:10	WB
1,1,2-Trichloroethane	ND		ug/L	0.50	0.16	1	02/24/16	02/24/16 14:10	WB
Trichloroethene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 14:10	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	0.50	0.29	1	02/24/16	02/24/16 14:10	WB
1,2,3-Trichloropropane	ND		ug/L	0.50	0.26	1	02/24/16	02/24/16 14:10	WB
1,2,4-Trimethylbenzene	ND		ug/L	0.50	0.04	1	02/24/16	02/24/16 14:10	WB
1,3,5-Trimethylbenzene	ND		ug/L	0.50	0.04	1	02/24/16	02/24/16 14:10	WB
Vinyl chloride	ND		ug/L	0.50	0.20	1	02/24/16	02/24/16 14:10	WB
o-Xylene	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 14:10	WB
m- & p-Xylenes	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 14:10	WB
Surrogate: 4-Bromofluorobenzene		80-120		85 %			02/24/16	02/24/16 14:10	
Surrogate: 1,2-Dichlorobenzene-d4		80-120		85 %			02/24/16	02/24/16 14:10	

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
02/25/16 13:19

2173-DW-POST

6022206-03 (Drinking Water)
Sample Date: 02/22/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS)									
tert-Amyl alcohol (TAA)	ND		ug/L	10.0	10.0	1	02/24/16	02/24/16 14:43	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	0.50	0.13	1	02/24/16	02/24/16 14:43	WB
Benzene	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 14:43	WB
Bromobenzene	ND		ug/L	0.50	0.10	1	02/24/16	02/24/16 14:43	WB
Bromochloromethane	ND		ug/L	0.50	0.14	1	02/24/16	02/24/16 14:43	WB
Bromodichloromethane	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 14:43	WB
Bromoform	ND		ug/L	0.50	0.14	1	02/24/16	02/24/16 14:43	WB
Bromomethane	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 14:43	WB
tert-Butanol (TBA)	ND		ug/L	10.0	1.81	1	02/24/16	02/24/16 14:43	WB
n-Butylbenzene	ND		ug/L	0.50	0.05	1	02/24/16	02/24/16 14:43	WB
sec-Butylbenzene	ND		ug/L	0.50	0.05	1	02/24/16	02/24/16 14:43	WB
tert-Butylbenzene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 14:43	WB
Carbon tetrachloride	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 14:43	WB
Chlorobenzene	ND		ug/L	0.50	0.05	1	02/24/16	02/24/16 14:43	WB
Chloroethane	ND		ug/L	0.50	0.13	1	02/24/16	02/24/16 14:43	WB
Chloroform	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 14:43	WB
Chloromethane	ND		ug/L	0.50	0.25	1	02/24/16	02/24/16 14:43	WB
2-Chlorotoluene	ND		ug/L	0.50	0.20	1	02/24/16	02/24/16 14:43	WB
4-Chlorotoluene	ND		ug/L	0.50	0.20	1	02/24/16	02/24/16 14:43	WB
Dibromochloromethane	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 14:43	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	0.50	0.18	1	02/24/16	02/24/16 14:43	WB
1,2-Dibromoethane (EDB)	ND		ug/L	0.50	0.08	1	02/24/16	02/24/16 14:43	WB
Dibromomethane	ND		ug/L	0.50	0.16	1	02/24/16	02/24/16 14:43	WB
1,2-Dichlorobenzene	ND		ug/L	0.50	0.10	1	02/24/16	02/24/16 14:43	WB
1,3-Dichlorobenzene	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 14:43	WB
1,4-Dichlorobenzene	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 14:43	WB
Dichlorodifluoromethane	ND		ug/L	0.50	0.33	1	02/24/16	02/24/16 14:43	WB
1,1-Dichloroethane	ND		ug/L	0.50	0.05	1	02/24/16	02/24/16 14:43	WB
1,2-Dichloroethane	ND		ug/L	0.50	0.11	1	02/24/16	02/24/16 14:43	WB
1,1-Dichloroethene	ND		ug/L	0.50	0.11	1	02/24/16	02/24/16 14:43	WB
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.08	1	02/24/16	02/24/16 14:43	WB
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.09	1	02/24/16	02/24/16 14:43	WB
1,2-Dichloropropane	ND		ug/L	0.50	0.10	1	02/24/16	02/24/16 14:43	WB
1,3-Dichloropropane	ND		ug/L	0.50	0.13	1	02/24/16	02/24/16 14:43	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
02/25/16 13:19

2173-DW-POST

6022206-03 (Drinking Water)
Sample Date: 02/22/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS) (continued)									
2,2-Dichloropropane	ND		ug/L	0.50	0.12	1	02/24/16	02/24/16 14:43	WB
1,1-Dichloropropene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 14:43	WB
cis-1,3-Dichloropropene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 14:43	WB
trans-1,3-Dichloropropene	ND		ug/L	0.50	0.08	1	02/24/16	02/24/16 14:43	WB
Diisopropyl ether (DIPE)	ND		ug/L	0.50	0.19	1	02/24/16	02/24/16 14:43	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.50	0.24	1	02/24/16	02/24/16 14:43	WB
Ethylbenzene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 14:43	WB
Hexachlorobutadiene	ND		ug/L	0.50	0.21	1	02/24/16	02/24/16 14:43	WB
Isopropylbenzene (Cumene)	ND		ug/L	0.50	0.04	1	02/24/16	02/24/16 14:43	WB
4-Isopropyltoluene	ND		ug/L	0.50	0.03	1	02/24/16	02/24/16 14:43	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	0.50	0.21	1	02/24/16	02/24/16 14:43	WB
Methylene chloride	ND		ug/L	0.50	0.24	1	02/24/16	02/24/16 14:43	WB
Naphthalene	ND		ug/L	0.50	0.17	1	02/24/16	02/24/16 14:43	WB
n-Propylbenzene	ND		ug/L	0.50	0.05	1	02/24/16	02/24/16 14:43	WB
Styrene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 14:43	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.08	1	02/24/16	02/24/16 14:43	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.08	1	02/24/16	02/24/16 14:43	WB
Tetrachloroethene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 14:43	WB
Toluene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 14:43	WB
1,2,3-Trichlorobenzene	ND		ug/L	0.50	0.15	1	02/24/16	02/24/16 14:43	WB
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 14:43	WB
1,1,1-Trichloroethane	ND		ug/L	0.50	0.09	1	02/24/16	02/24/16 14:43	WB
1,1,2-Trichloroethane	ND		ug/L	0.50	0.16	1	02/24/16	02/24/16 14:43	WB
Trichloroethene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 14:43	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	0.50	0.29	1	02/24/16	02/24/16 14:43	WB
1,2,3-Trichloropropane	ND		ug/L	0.50	0.26	1	02/24/16	02/24/16 14:43	WB
1,2,4-Trimethylbenzene	ND		ug/L	0.50	0.04	1	02/24/16	02/24/16 14:43	WB
1,3,5-Trimethylbenzene	ND		ug/L	0.50	0.04	1	02/24/16	02/24/16 14:43	WB
Vinyl chloride	ND		ug/L	0.50	0.20	1	02/24/16	02/24/16 14:43	WB
o-Xylene	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 14:43	WB
m- & p-Xylenes	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 14:43	WB
Surrogate: 4-Bromofluorobenzene		80-120		85 %			02/24/16	02/24/16 14:43	
Surrogate: 1,2-Dichlorobenzene-d4		80-120		87 %			02/24/16	02/24/16 14:43	

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
02/25/16 13:19

DW-FB

6022206-04 (Drinking Water)

Sample Date: 02/22/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS)									
tert-Amyl alcohol (TAA)	ND		ug/L	10.0	10.0	1	02/24/16	02/24/16 15:16	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	0.50	0.13	1	02/24/16	02/24/16 15:16	WB
Benzene	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 15:16	WB
Bromobenzene	ND		ug/L	0.50	0.10	1	02/24/16	02/24/16 15:16	WB
Bromochloromethane	ND		ug/L	0.50	0.14	1	02/24/16	02/24/16 15:16	WB
Bromodichloromethane	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 15:16	WB
Bromoform	ND		ug/L	0.50	0.14	1	02/24/16	02/24/16 15:16	WB
Bromomethane	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 15:16	WB
tert-Butanol (TBA)	ND		ug/L	10.0	1.81	1	02/24/16	02/24/16 15:16	WB
n-Butylbenzene	ND		ug/L	0.50	0.05	1	02/24/16	02/24/16 15:16	WB
sec-Butylbenzene	ND		ug/L	0.50	0.05	1	02/24/16	02/24/16 15:16	WB
tert-Butylbenzene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 15:16	WB
Carbon tetrachloride	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 15:16	WB
Chlorobenzene	ND		ug/L	0.50	0.05	1	02/24/16	02/24/16 15:16	WB
Chloroethane	ND		ug/L	0.50	0.13	1	02/24/16	02/24/16 15:16	WB
Chloroform	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 15:16	WB
Chloromethane	ND		ug/L	0.50	0.25	1	02/24/16	02/24/16 15:16	WB
2-Chlorotoluene	ND		ug/L	0.50	0.20	1	02/24/16	02/24/16 15:16	WB
4-Chlorotoluene	ND		ug/L	0.50	0.20	1	02/24/16	02/24/16 15:16	WB
Dibromochloromethane	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 15:16	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	0.50	0.18	1	02/24/16	02/24/16 15:16	WB
1,2-Dibromoethane (EDB)	ND		ug/L	0.50	0.08	1	02/24/16	02/24/16 15:16	WB
Dibromomethane	ND		ug/L	0.50	0.16	1	02/24/16	02/24/16 15:16	WB
1,2-Dichlorobenzene	ND		ug/L	0.50	0.10	1	02/24/16	02/24/16 15:16	WB
1,3-Dichlorobenzene	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 15:16	WB
1,4-Dichlorobenzene	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 15:16	WB
Dichlorodifluoromethane	ND		ug/L	0.50	0.33	1	02/24/16	02/24/16 15:16	WB
1,1-Dichloroethane	ND		ug/L	0.50	0.05	1	02/24/16	02/24/16 15:16	WB
1,2-Dichloroethane	ND		ug/L	0.50	0.11	1	02/24/16	02/24/16 15:16	WB
1,1-Dichloroethene	ND		ug/L	0.50	0.11	1	02/24/16	02/24/16 15:16	WB
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.08	1	02/24/16	02/24/16 15:16	WB
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.09	1	02/24/16	02/24/16 15:16	WB
1,2-Dichloropropane	ND		ug/L	0.50	0.10	1	02/24/16	02/24/16 15:16	WB
1,3-Dichloropropane	ND		ug/L	0.50	0.13	1	02/24/16	02/24/16 15:16	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
02/25/16 13:19

DW-FB

6022206-04 (Drinking Water)

Sample Date: 02/22/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS) (continued)									
2,2-Dichloropropane	ND		ug/L	0.50	0.12	1	02/24/16	02/24/16 15:16	WB
1,1-Dichloropropene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 15:16	WB
cis-1,3-Dichloropropene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 15:16	WB
trans-1,3-Dichloropropene	ND		ug/L	0.50	0.08	1	02/24/16	02/24/16 15:16	WB
Diisopropyl ether (DIPE)	ND		ug/L	0.50	0.19	1	02/24/16	02/24/16 15:16	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.50	0.24	1	02/24/16	02/24/16 15:16	WB
Ethylbenzene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 15:16	WB
Hexachlorobutadiene	ND		ug/L	0.50	0.21	1	02/24/16	02/24/16 15:16	WB
Isopropylbenzene (Cumene)	ND		ug/L	0.50	0.04	1	02/24/16	02/24/16 15:16	WB
4-Isopropyltoluene	ND		ug/L	0.50	0.03	1	02/24/16	02/24/16 15:16	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	0.50	0.21	1	02/24/16	02/24/16 15:16	WB
Methylene chloride	ND		ug/L	0.50	0.24	1	02/24/16	02/24/16 15:16	WB
Naphthalene	ND		ug/L	0.50	0.17	1	02/24/16	02/24/16 15:16	WB
n-Propylbenzene	ND		ug/L	0.50	0.05	1	02/24/16	02/24/16 15:16	WB
Styrene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 15:16	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.08	1	02/24/16	02/24/16 15:16	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.08	1	02/24/16	02/24/16 15:16	WB
Tetrachloroethene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 15:16	WB
Toluene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 15:16	WB
1,2,3-Trichlorobenzene	ND		ug/L	0.50	0.15	1	02/24/16	02/24/16 15:16	WB
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 15:16	WB
1,1,1-Trichloroethane	ND		ug/L	0.50	0.09	1	02/24/16	02/24/16 15:16	WB
1,1,2-Trichloroethane	ND		ug/L	0.50	0.16	1	02/24/16	02/24/16 15:16	WB
Trichloroethene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 15:16	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	0.50	0.29	1	02/24/16	02/24/16 15:16	WB
1,2,3-Trichloropropane	ND		ug/L	0.50	0.26	1	02/24/16	02/24/16 15:16	WB
1,2,4-Trimethylbenzene	ND		ug/L	0.50	0.04	1	02/24/16	02/24/16 15:16	WB
1,3,5-Trimethylbenzene	ND		ug/L	0.50	0.04	1	02/24/16	02/24/16 15:16	WB
Vinyl chloride	ND		ug/L	0.50	0.20	1	02/24/16	02/24/16 15:16	WB
o-Xylene	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 15:16	WB
m- & p-Xylenes	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 15:16	WB
Surrogate: 4-Bromofluorobenzene		80-120		87 %	02/24/16		02/24/16 15:16		
Surrogate: 1,2-Dichlorobenzene-d4		80-120		91 %	02/24/16		02/24/16 15:16		

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
02/25/16 13:19

2040-DW

6022206-05 (Drinking Water)
Sample Date: 02/22/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS)									
tert-Amyl alcohol (TAA)	ND		ug/L	10.0	10.0	1	02/24/16	02/24/16 15:50	WB
tert-Amyl methyl ether (TAME)	0.33	J	ug/L	0.50	0.13	1	02/24/16	02/24/16 15:50	WB
Benzene	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 15:50	WB
Bromobenzene	ND		ug/L	0.50	0.10	1	02/24/16	02/24/16 15:50	WB
Bromochloromethane	ND		ug/L	0.50	0.14	1	02/24/16	02/24/16 15:50	WB
Bromodichloromethane	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 15:50	WB
Bromoform	ND		ug/L	0.50	0.14	1	02/24/16	02/24/16 15:50	WB
Bromomethane	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 15:50	WB
tert-Butanol (TBA)	4.34	J	ug/L	10.0	1.81	1	02/24/16	02/24/16 15:50	WB
n-Butylbenzene	ND		ug/L	0.50	0.05	1	02/24/16	02/24/16 15:50	WB
sec-Butylbenzene	ND		ug/L	0.50	0.05	1	02/24/16	02/24/16 15:50	WB
tert-Butylbenzene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 15:50	WB
Carbon tetrachloride	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 15:50	WB
Chlorobenzene	ND		ug/L	0.50	0.05	1	02/24/16	02/24/16 15:50	WB
Chloroethane	ND		ug/L	0.50	0.13	1	02/24/16	02/24/16 15:50	WB
Chloroform	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 15:50	WB
Chloromethane	ND		ug/L	0.50	0.25	1	02/24/16	02/24/16 15:50	WB
2-Chlorotoluene	ND		ug/L	0.50	0.20	1	02/24/16	02/24/16 15:50	WB
4-Chlorotoluene	ND		ug/L	0.50	0.20	1	02/24/16	02/24/16 15:50	WB
Dibromochloromethane	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 15:50	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	0.50	0.18	1	02/24/16	02/24/16 15:50	WB
1,2-Dibromoethane (EDB)	ND		ug/L	0.50	0.08	1	02/24/16	02/24/16 15:50	WB
Dibromomethane	ND		ug/L	0.50	0.16	1	02/24/16	02/24/16 15:50	WB
1,2-Dichlorobenzene	ND		ug/L	0.50	0.10	1	02/24/16	02/24/16 15:50	WB
1,3-Dichlorobenzene	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 15:50	WB
1,4-Dichlorobenzene	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 15:50	WB
Dichlorodifluoromethane	ND		ug/L	0.50	0.33	1	02/24/16	02/24/16 15:50	WB
1,1-Dichloroethane	ND		ug/L	0.50	0.05	1	02/24/16	02/24/16 15:50	WB
1,2-Dichloroethane	ND		ug/L	0.50	0.11	1	02/24/16	02/24/16 15:50	WB
1,1-Dichloroethene	ND		ug/L	0.50	0.11	1	02/24/16	02/24/16 15:50	WB
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.08	1	02/24/16	02/24/16 15:50	WB
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.09	1	02/24/16	02/24/16 15:50	WB
1,2-Dichloropropane	ND		ug/L	0.50	0.10	1	02/24/16	02/24/16 15:50	WB
1,3-Dichloropropane	ND		ug/L	0.50	0.13	1	02/24/16	02/24/16 15:50	WB

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
02/25/16 13:19

2040-DW

6022206-05 (Drinking Water)

Sample Date: 02/22/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS) (continued)									
2,2-Dichloropropane	ND		ug/L	0.50	0.12	1	02/24/16	02/24/16 15:50	WB
1,1-Dichloropropene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 15:50	WB
cis-1,3-Dichloropropene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 15:50	WB
trans-1,3-Dichloropropene	ND		ug/L	0.50	0.08	1	02/24/16	02/24/16 15:50	WB
Diisopropyl ether (DIPE)	ND		ug/L	0.50	0.19	1	02/24/16	02/24/16 15:50	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.50	0.24	1	02/24/16	02/24/16 15:50	WB
Ethylbenzene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 15:50	WB
Hexachlorobutadiene	ND		ug/L	0.50	0.21	1	02/24/16	02/24/16 15:50	WB
Isopropylbenzene (Cumene)	ND		ug/L	0.50	0.04	1	02/24/16	02/24/16 15:50	WB
4-Isopropyltoluene	ND		ug/L	0.50	0.03	1	02/24/16	02/24/16 15:50	WB
Methyl tert-butyl ether (MTBE)	8.38		ug/L	0.50	0.21	1	02/24/16	02/24/16 15:50	WB
Methylene chloride	ND		ug/L	0.50	0.24	1	02/24/16	02/24/16 15:50	WB
Naphthalene	ND		ug/L	0.50	0.17	1	02/24/16	02/24/16 15:50	WB
n-Propylbenzene	ND		ug/L	0.50	0.05	1	02/24/16	02/24/16 15:50	WB
Styrene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 15:50	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.08	1	02/24/16	02/24/16 15:50	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.08	1	02/24/16	02/24/16 15:50	WB
Tetrachloroethene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 15:50	WB
Toluene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 15:50	WB
1,2,3-Trichlorobenzene	ND		ug/L	0.50	0.15	1	02/24/16	02/24/16 15:50	WB
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 15:50	WB
1,1,1-Trichloroethane	ND		ug/L	0.50	0.09	1	02/24/16	02/24/16 15:50	WB
1,1,2-Trichloroethane	ND		ug/L	0.50	0.16	1	02/24/16	02/24/16 15:50	WB
Trichloroethene	ND		ug/L	0.50	0.06	1	02/24/16	02/24/16 15:50	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	0.50	0.29	1	02/24/16	02/24/16 15:50	WB
1,2,3-Trichloropropane	ND		ug/L	0.50	0.26	1	02/24/16	02/24/16 15:50	WB
1,2,4-Trimethylbenzene	ND		ug/L	0.50	0.04	1	02/24/16	02/24/16 15:50	WB
1,3,5-Trimethylbenzene	ND		ug/L	0.50	0.04	1	02/24/16	02/24/16 15:50	WB
Vinyl chloride	ND		ug/L	0.50	0.20	1	02/24/16	02/24/16 15:50	WB
o-Xylene	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 15:50	WB
m- & p-Xylenes	ND		ug/L	0.50	0.07	1	02/24/16	02/24/16 15:50	WB
Surrogate: 4-Bromofluorobenzene		80-120		83 %			02/24/16	02/24/16 15:50	
Surrogate: 1,2-Dichlorobenzene-d4		80-120		89 %			02/24/16	02/24/16 15:50	

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
02/25/16 13:19

MW-6

6022206-06 (Nonpotable Water)
Sample Date: 02/22/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	02/23/16	02/23/16 13:37	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	02/23/16	02/23/16 13:37	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
Benzene	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
Bromoform	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
Bromomethane	ND		ug/L	5.0	5.0	1	02/23/16	02/23/16 13:37	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	02/23/16	02/23/16 13:37	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	02/23/16	02/23/16 13:37	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
Chloroethane	ND		ug/L	5.0	5.0	1	02/23/16	02/23/16 13:37	WB
Chloroform	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
Chloromethane	ND		ug/L	5.0	5.0	1	02/23/16	02/23/16 13:37	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
02/25/16 13:19

MW-6

6022206-06 (Nonpotable Water)
Sample Date: 02/22/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	02/23/16	02/23/16 13:37	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	02/23/16	02/23/16 13:37	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	02/23/16	02/23/16 13:37	WB
Naphthalene	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
Styrene	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
Toluene	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
02/25/16 13:19

MW-6

6022206-06 (Nonpotable Water)
Sample Date: 02/22/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
o-Xylene	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	02/23/16	02/23/16 13:37	WB
Surrogate: 1,2-Dichloroethane-d4			75-120	108 %	02/23/16		02/23/16 13:37		
Surrogate: Toluene-d8			84-110	96 %	02/23/16		02/23/16 13:37		
Surrogate: 4-Bromofluorobenzene			78-110	81 %	02/23/16		02/23/16 13:37		



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
02/25/16 13:19

MW-4

6022206-07RE1 (Nonpotable Water)

Sample Date: 02/22/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	02/24/16	02/24/16 15:32	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	02/24/16	02/24/16 15:32	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
Benzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
Bromoform	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
Bromomethane	ND		ug/L	5.0	5.0	1	02/24/16	02/24/16 15:32	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	02/24/16	02/24/16 15:32	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	02/24/16	02/24/16 15:32	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
Chloroethane	ND		ug/L	5.0	5.0	1	02/24/16	02/24/16 15:32	WB
Chloroform	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
Chloromethane	ND		ug/L	5.0	5.0	1	02/24/16	02/24/16 15:32	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
02/25/16 13:19

MW-4

6022206-07RE1 (Nonpotable Water)
Sample Date: 02/22/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	02/24/16	02/24/16 15:32	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
Methyl tert-butyl ether (MTBE)	42.3		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	02/24/16	02/24/16 15:32	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	02/24/16	02/24/16 15:32	WB
Naphthalene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
Styrene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
Toluene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
02/25/16 13:19

MW-4

6022206-07RE1 (Nonpotable Water)
Sample Date: 02/22/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
o-Xylene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 15:32	WB
Surrogate: 1,2-Dichloroethane-d4			75-120	104 %	02/24/16		02/24/16 15:32		
Surrogate: Toluene-d8			84-110	98 %	02/24/16		02/24/16 15:32		
Surrogate: 4-Bromofluorobenzene			78-110	85 %	02/24/16		02/24/16 15:32		



Will Brewington, Staff Chemist

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Analytical Results

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

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

02/25/16 13:19

Notes and Definitions

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



Will Brewington, Staff Chemist

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.

04 March 2016

Kevin Howard
Chesapeake GeoSciences, Inc.
5405 Twin Knolls Rd, Suite I
Columbia, MD 21045
RE: LITTLE GEORGE'S DELI (8-1564CL)

Enclosed are the results of analyses for samples received by the laboratory on 02/24/16 08:06.

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

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

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

Sincerely,



Sam Hamner
President

Analytical Results

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

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

03/04/16 14:58

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
LOT 4 WELL		6022402-01	Nonpotable Water	02/23/16 10:30	02/24/16 08:06
SENTINEL WELL		6022402-02	Nonpotable Water	02/23/16 11:45	02/24/16 08:06



Sam Hamner, President

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.

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
03/04/16 14:58

LOT 4 WELL

6022402-01 (Nonpotable Water)

Sample Date: 02/23/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	02/24/16	02/24/16 17:46	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	02/24/16	02/24/16 17:46	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
Benzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
Bromoform	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
Bromomethane	ND		ug/L	5.0	5.0	1	02/24/16	02/24/16 17:46	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	02/24/16	02/24/16 17:46	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	02/24/16	02/24/16 17:46	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
Chloroethane	ND		ug/L	5.0	5.0	1	02/24/16	02/24/16 17:46	WB
Chloroform	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
Chloromethane	ND		ug/L	5.0	5.0	1	02/24/16	02/24/16 17:46	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB



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Sam Hamner, President

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
03/04/16 14:58

LOT 4 WELL

6022402-01 (Nonpotable Water)

Sample Date: 02/23/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	02/24/16	02/24/16 17:46	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	02/24/16	02/24/16 17:46	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	02/24/16	02/24/16 17:46	WB
Naphthalene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
Styrene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
Toluene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB



Sam Hamner, President

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
03/04/16 14:58

LOT 4 WELL

6022402-01 (Nonpotable Water)

Sample Date: 02/23/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
o-Xylene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 17:46	WB
Surrogate: 1,2-Dichloroethane-d4			75-120	106 %	02/24/16		02/24/16 17:46		
Surrogate: Toluene-d8			84-110	96 %	02/24/16		02/24/16 17:46		
Surrogate: 4-Bromofluorobenzene			78-110	84 %	02/24/16		02/24/16 17:46		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0053	0.0053	1	03/02/16	03/02/16 16:06	CMK



Sam Hamner, President

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
03/04/16 14:58

SENTINEL WELL

6022402-02 (Nonpotable Water)

Sample Date: 02/23/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	02/24/16	02/24/16 18:19	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	02/24/16	02/24/16 18:19	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
Benzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
Bromoform	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
Bromomethane	ND		ug/L	5.0	5.0	1	02/24/16	02/24/16 18:19	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	02/24/16	02/24/16 18:19	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	02/24/16	02/24/16 18:19	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
Chloroethane	ND		ug/L	5.0	5.0	1	02/24/16	02/24/16 18:19	WB
Chloroform	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
Chloromethane	ND		ug/L	5.0	5.0	1	02/24/16	02/24/16 18:19	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB



Sam Hamner, President

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

03/04/16 14:58

SENTINEL WELL

6022402-02 (Nonpotable Water)

Sample Date: 02/23/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	02/24/16	02/24/16 18:19	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	02/24/16	02/24/16 18:19	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	02/24/16	02/24/16 18:19	WB
Naphthalene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
Styrene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
Toluene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB

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Sam Hamner, President

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
03/04/16 14:58

SENTINEL WELL

6022402-02 (Nonpotable Water)

Sample Date: 02/23/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
o-Xylene	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	02/24/16	02/24/16 18:19	WB
Surrogate: 1,2-Dichloroethane-d4		75-120		106 %	02/24/16		02/24/16 18:19		
Surrogate: Toluene-d8		84-110		96 %	02/24/16		02/24/16 18:19		
Surrogate: 4-Bromofluorobenzene		78-110		85 %	02/24/16		02/24/16 18:19		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0050	0.0050	1	03/02/16	03/02/16 16:16	CMK



Sam Hamner, President

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.

Analytical Results

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

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

03/04/16 14:58

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



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.

Sam Hamner, President

12 April 2016

Kevin Howard
Chesapeake GeoSciences, Inc.
5405 Twin Knolls Rd, Suite I
Columbia, MD 21045
RE: LITTLE GEORGE'S DELI (8-1564CL)

Enclosed are the results of analyses for samples received by the laboratory on 02/25/16 15:35.

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

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

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

Sincerely,



Sam Hamner
President

Analytical Results

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

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
04/12/16 14:28

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
H-3		6022509-01	Nonpotable Water	02/24/16 11:00	02/25/16 15:35
H-4A		6022509-02	Nonpotable Water	02/24/16 11:55	02/25/16 15:35
MW-5		6022509-03	Nonpotable Water	02/24/16 12:55	02/25/16 15:35
MW-3		6022509-04	Nonpotable Water	02/24/16 14:30	02/25/16 15:35
H-6		6022509-05	Nonpotable Water	02/25/16 08:40	02/25/16 15:35
H-1A		6022509-06	Nonpotable Water	02/25/16 10:00	02/25/16 15:35
MW-2		6022509-07	Nonpotable Water	02/25/16 11:35	02/25/16 15:35
MW-7B		6022509-08	Nonpotable Water	02/25/16 13:05	02/25/16 15:35
GAC-EFF		6022509-09	Nonpotable Water	02/25/16 10:50	02/25/16 15:35
MW-7A		6022509-10	Nonpotable Water	02/25/16 14:20	02/25/16 15:35



Sam Hamner, President

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.

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
04/12/16 14:28

H-3

6022509-01 (Nonpotable Water)
Sample Date: 02/24/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 16:33	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	02/26/16	02/26/16 16:33	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
Benzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
Bromoform	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
Bromomethane	ND		ug/L	5.0	5.0	1	02/26/16	02/26/16 16:33	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	02/26/16	02/26/16 16:33	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 16:33	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
Chloroethane	ND		ug/L	5.0	5.0	1	02/26/16	02/26/16 16:33	WB
Chloroform	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
Chloromethane	ND		ug/L	5.0	5.0	1	02/26/16	02/26/16 16:33	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB



Sam Hamner, President

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.

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

04/12/16 14:28

H-3

6022509-01 (Nonpotable Water)

Sample Date: 02/24/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 16:33	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 16:33	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 16:33	WB
Naphthalene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
Styrene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
Toluene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB

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Sam Hamner, President

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

04/12/16 14:28

H-3

6022509-01 (Nonpotable Water)

Sample Date: 02/24/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
o-Xylene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 16:33	WB
Surrogate: 1,2-Dichloroethane-d4		75-120		104 %	02/26/16		02/26/16 16:33		
Surrogate: Toluene-d8		84-110		97 %	02/26/16		02/26/16 16:33		
Surrogate: 4-Bromofluorobenzene		78-110		84 %	02/26/16		02/26/16 16:33		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0058	0.0058	1	03/02/16	03/02/16 16:37	CMK



Sam Hamner, President

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
04/12/16 14:28

H-4A

6022509-02 (Nonpotable Water)
Sample Date: 02/24/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 17:07	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	02/26/16	02/26/16 17:07	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
Benzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
Bromoform	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
Bromomethane	ND		ug/L	5.0	5.0	1	02/26/16	02/26/16 17:07	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	02/26/16	02/26/16 17:07	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 17:07	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
Chloroethane	ND		ug/L	5.0	5.0	1	02/26/16	02/26/16 17:07	WB
Chloroform	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
Chloromethane	ND		ug/L	5.0	5.0	1	02/26/16	02/26/16 17:07	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB



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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
04/12/16 14:28

H-4A

6022509-02 (Nonpotable Water)

Sample Date: 02/24/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 17:07	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 17:07	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 17:07	WB
Naphthalene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
Styrene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
Toluene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
04/12/16 14:28

H-4A

6022509-02 (Nonpotable Water)
Sample Date: 02/24/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
o-Xylene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:07	WB
Surrogate: 1,2-Dichloroethane-d4			75-120	105 %	02/26/16		02/26/16 17:07		
Surrogate: Toluene-d8			84-110	96 %	02/26/16		02/26/16 17:07		
Surrogate: 4-Bromofluorobenzene			78-110	84 %	02/26/16		02/26/16 17:07		



Sam Hamner, President

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
04/12/16 14:28

MW-5

6022509-03 (Nonpotable Water)

Sample Date: 02/24/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 17:40	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	02/26/16	02/26/16 17:40	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
Benzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
Bromoform	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
Bromomethane	ND		ug/L	5.0	5.0	1	02/26/16	02/26/16 17:40	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	02/26/16	02/26/16 17:40	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 17:40	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
Chloroethane	ND		ug/L	5.0	5.0	1	02/26/16	02/26/16 17:40	WB
Chloroform	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
Chloromethane	ND		ug/L	5.0	5.0	1	02/26/16	02/26/16 17:40	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB



Sam Hamner, President

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
04/12/16 14:28

MW-5

6022509-03 (Nonpotable Water)

Sample Date: 02/24/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 17:40	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 17:40	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 17:40	WB
Naphthalene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
Styrene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
Toluene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB



Sam Hamner, President

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.

Analytical Results

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

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
04/12/16 14:28

MW-5

6022509-03 (Nonpotable Water)
Sample Date: 02/24/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
o-Xylene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 17:40	WB
Surrogate: 1,2-Dichloroethane-d4			75-120	103 %	02/26/16		02/26/16 17:40		
Surrogate: Toluene-d8			84-110	96 %	02/26/16		02/26/16 17:40		
Surrogate: 4-Bromofluorobenzene			78-110	84 %	02/26/16		02/26/16 17:40		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0058	0.0058	1	03/02/16	03/02/16 16:48	CMK



Sam Hamner, President

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
04/12/16 14:28

MW-3

6022509-04 (Nonpotable Water)

Sample Date: 02/24/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 18:13	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	02/26/16	02/26/16 18:13	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
Benzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
Bromoform	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
Bromomethane	ND		ug/L	5.0	5.0	1	02/26/16	02/26/16 18:13	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	02/26/16	02/26/16 18:13	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 18:13	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
Chloroethane	ND		ug/L	5.0	5.0	1	02/26/16	02/26/16 18:13	WB
Chloroform	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
Chloromethane	ND		ug/L	5.0	5.0	1	02/26/16	02/26/16 18:13	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB



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Sam Hamner, President

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

04/12/16 14:28

MW-3

6022509-04 (Nonpotable Water)

Sample Date: 02/24/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 18:13	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 18:13	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 18:13	WB
Naphthalene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
Styrene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
Toluene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB

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Sam Hamner, President

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
04/12/16 14:28

MW-3

6022509-04 (Nonpotable Water)
Sample Date: 02/24/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
o-Xylene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:13	WB
Surrogate: 1,2-Dichloroethane-d4			75-120	107 %	02/26/16		02/26/16 18:13		
Surrogate: Toluene-d8			84-110	96 %	02/26/16		02/26/16 18:13		
Surrogate: 4-Bromofluorobenzene			78-110	84 %	02/26/16		02/26/16 18:13		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0062	0.0062	1	03/02/16	03/02/16 17:02	CMK



Sam Hamner, President

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
04/12/16 14:28

H-6

6022509-05 (Nonpotable Water)

Sample Date: 02/25/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 18:46	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	02/26/16	02/26/16 18:46	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
Benzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
Bromoform	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
Bromomethane	ND		ug/L	5.0	5.0	1	02/26/16	02/26/16 18:46	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	02/26/16	02/26/16 18:46	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 18:46	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
Chloroethane	ND		ug/L	5.0	5.0	1	02/26/16	02/26/16 18:46	WB
Chloroform	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
Chloromethane	ND		ug/L	5.0	5.0	1	02/26/16	02/26/16 18:46	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB



Sam Hamner, President

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
04/12/16 14:28

H-6

6022509-05 (Nonpotable Water)

Sample Date: 02/25/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 18:46	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 18:46	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 18:46	WB
Naphthalene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
Styrene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
Toluene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB

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Sam Hamner, President

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
04/12/16 14:28

H-6

6022509-05 (Nonpotable Water)
Sample Date: 02/25/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
o-Xylene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 18:46	WB
Surrogate: 1,2-Dichloroethane-d4		75-120		110 %			02/26/16	02/26/16 18:46	
Surrogate: Toluene-d8		84-110		96 %			02/26/16	02/26/16 18:46	
Surrogate: 4-Bromofluorobenzene		78-110		82 %			02/26/16	02/26/16 18:46	
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	0.208		mg/L	0.0063	0.0063	1	03/02/16	03/02/16 17:09	CMK



Sam Hamner, President

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.

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

04/12/16 14:28

H-1A

6022509-06 (Nonpotable Water)

Sample Date: 02/25/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 19:20	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	02/26/16	02/26/16 19:20	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
Benzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
Bromoform	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
Bromomethane	ND		ug/L	5.0	5.0	1	02/26/16	02/26/16 19:20	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	02/26/16	02/26/16 19:20	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 19:20	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
Chloroethane	ND		ug/L	5.0	5.0	1	02/26/16	02/26/16 19:20	WB
Chloroform	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
Chloromethane	ND		ug/L	5.0	5.0	1	02/26/16	02/26/16 19:20	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB



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Sam Hamner, President

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

04/12/16 14:28

H-1A

6022509-06 (Nonpotable Water)

Sample Date: 02/25/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 19:20	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 19:20	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 19:20	WB
Naphthalene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
Styrene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
Toluene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB

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Sam Hamner, President

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
04/12/16 14:28

H-1A

6022509-06 (Nonpotable Water)
Sample Date: 02/25/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
o-Xylene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:20	WB
Surrogate: 1,2-Dichloroethane-d4		75-120		110 %	02/26/16		02/26/16 19:20		
Surrogate: Toluene-d8		84-110		96 %	02/26/16		02/26/16 19:20		
Surrogate: 4-Bromofluorobenzene		78-110		83 %	02/26/16		02/26/16 19:20		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0061	0.0061	1	03/02/16	03/03/16 11:55	CMK



Sam Hamner, President

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

04/12/16 14:28

MW-2

6022509-07 (Nonpotable Water)

Sample Date: 02/25/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 19:53	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	02/26/16	02/26/16 19:53	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
Benzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
Bromoform	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
Bromomethane	ND		ug/L	5.0	5.0	1	02/26/16	02/26/16 19:53	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	02/26/16	02/26/16 19:53	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 19:53	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
Chloroethane	ND		ug/L	5.0	5.0	1	02/26/16	02/26/16 19:53	WB
Chloroform	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
Chloromethane	ND		ug/L	5.0	5.0	1	02/26/16	02/26/16 19:53	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB

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Sam Hamner, President

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

04/12/16 14:28

MW-2

6022509-07 (Nonpotable Water)

Sample Date: 02/25/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 19:53	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
Methyl tert-butyl ether (MTBE)	2.8	J	ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 19:53	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 19:53	WB
Naphthalene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
Styrene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
Toluene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB

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Sam Hamner, President

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
04/12/16 14:28

MW-2

6022509-07 (Nonpotable Water)
Sample Date: 02/25/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
o-Xylene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 19:53	WB
Surrogate: 1,2-Dichloroethane-d4		75-120		108 %	02/26/16		02/26/16 19:53		
Surrogate: Toluene-d8		84-110		96 %	02/26/16		02/26/16 19:53		
Surrogate: 4-Bromofluorobenzene		78-110		83 %	02/26/16		02/26/16 19:53		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0059	0.0059	1	03/02/16	03/03/16 12:04	CMK



Sam Hamner, President

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.

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
04/12/16 14:28

MW-7B

6022509-08 (Nonpotable Water)

Sample Date: 02/25/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 20:26	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	02/26/16	02/26/16 20:26	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
Benzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
Bromoform	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
Bromomethane	ND		ug/L	5.0	5.0	1	02/26/16	02/26/16 20:26	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	02/26/16	02/26/16 20:26	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 20:26	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
Chloroethane	ND		ug/L	5.0	5.0	1	02/26/16	02/26/16 20:26	WB
Chloroform	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
Chloromethane	ND		ug/L	5.0	5.0	1	02/26/16	02/26/16 20:26	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB



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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

04/12/16 14:28

MW-7B

6022509-08 (Nonpotable Water)

Sample Date: 02/25/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 20:26	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
Methyl tert-butyl ether (MTBE)	16.8		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 20:26	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 20:26	WB
Naphthalene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
Styrene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
Toluene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB

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Sam Hamner, President

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
04/12/16 14:28

MW-7B

6022509-08 (Nonpotable Water)
Sample Date: 02/25/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
o-Xylene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 20:26	WB
Surrogate: 1,2-Dichloroethane-d4		75-120		110 %	02/26/16		02/26/16 20:26		
Surrogate: Toluene-d8		84-110		96 %	02/26/16		02/26/16 20:26		
Surrogate: 4-Bromofluorobenzene		78-110		82 %	02/26/16		02/26/16 20:26		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0053	0.0053	1	03/02/16	03/03/16 13:01	CMK



Sam Hamner, President

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
04/12/16 14:28

GAC-EFF

6022509-09 (Nonpotable Water)

Sample Date: 02/25/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 21:00	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	02/26/16	02/26/16 21:00	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
Benzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
Bromoform	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
Bromomethane	ND		ug/L	5.0	5.0	1	02/26/16	02/26/16 21:00	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	02/26/16	02/26/16 21:00	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 21:00	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
Chloroethane	ND		ug/L	5.0	5.0	1	02/26/16	02/26/16 21:00	WB
Chloroform	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
Chloromethane	ND		ug/L	5.0	5.0	1	02/26/16	02/26/16 21:00	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB



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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

04/12/16 14:28

GAC-EFF

6022509-09 (Nonpotable Water)

Sample Date: 02/25/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 21:00	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 21:00	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	02/26/16	02/26/16 21:00	WB
Naphthalene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
Styrene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
Toluene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB

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Sam Hamner, President

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
04/12/16 14:28

GAC-EFF

6022509-09 (Nonpotable Water)
Sample Date: 02/25/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
o-Xylene	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	02/26/16	02/26/16 21:00	WB
<i>Surrogate: 1,2-Dichloroethane-d4</i>				75-120	110 %		02/26/16	02/26/16 21:00	
<i>Surrogate: Toluene-d8</i>				84-110	95 %		02/26/16	02/26/16 21:00	
<i>Surrogate: 4-Bromofluorobenzene</i>				78-110	82 %		02/26/16	02/26/16 21:00	
GASOLINE RANGE ORGANICS BY EPA 8015B									
Gasoline-Range Organics	ND		ug/L	100	100	1	04/12/16	04/12/16 12:13	GM
<i>Surrogate: a,a,a-Trifluorotoluene</i>				85-115	105 %		04/12/16	04/12/16 12:13	
DIESEL RANGE ORGANICS BY EPA 3510/8015B-LVI									
Diesel-Range Organics	0.09		mg/L	0.08	0.08	1	02/26/16	03/01/16 11:53	CMK
<i>Surrogate: o-Terphenyl</i>				60-120	75 %		02/26/16	03/01/16 11:53	

O-04



Sam Hamner, President

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
04/12/16 14:28

MW-7A

6022509-10 (Nonpotable Water)

Sample Date: 02/25/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	50.0	50.0	5	02/26/16	02/26/16 13:00	WB
tert-Amyl alcohol (TAA)	ND		ug/L	100	100	5	02/26/16	02/26/16 13:00	WB
tert-Amyl methyl ether (TAME)	46.9		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
Benzene	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
Bromobenzene	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
Bromochloromethane	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
Bromodichloromethane	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
Bromoform	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
Bromomethane	ND		ug/L	25.0	25.0	5	02/26/16	02/26/16 13:00	WB
tert-Butanol (TBA)	452		ug/L	75.0	75.0	5	02/26/16	02/26/16 13:00	WB
2-Butanone (MEK)	ND		ug/L	50.0	50.0	5	02/26/16	02/26/16 13:00	WB
n-Butylbenzene	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
sec-Butylbenzene	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
tert-Butylbenzene	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
Carbon disulfide	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
Carbon tetrachloride	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
Chlorobenzene	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
Chloroethane	ND		ug/L	25.0	25.0	5	02/26/16	02/26/16 13:00	WB
Chloroform	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
Chloromethane	ND		ug/L	25.0	25.0	5	02/26/16	02/26/16 13:00	WB
2-Chlorotoluene	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
4-Chlorotoluene	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
Dibromochloromethane	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
1,2-Dibromoethane (EDB)	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
Dibromomethane	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
1,2-Dichlorobenzene	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
1,3-Dichlorobenzene	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
1,4-Dichlorobenzene	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
Dichlorodifluoromethane	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
1,1-Dichloroethane	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
1,2-Dichloroethane	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
1,1-Dichloroethene	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
cis-1,2-Dichloroethene	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB



Sam Hamner, President

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

04/12/16 14:28

MW-7A

6022509-10 (Nonpotable Water)

Sample Date: 02/25/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
Dichlorofluoromethane	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
1,2-Dichloropropane	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
1,3-Dichloropropane	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
2,2-Dichloropropane	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
1,1-Dichloropropene	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
cis-1,3-Dichloropropene	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
trans-1,3-Dichloropropene	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
Diisopropyl ether (DIPE)	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
Ethylbenzene	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
Hexachlorobutadiene	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
2-Hexanone	ND		ug/L	50.0	50.0	5	02/26/16	02/26/16 13:00	WB
Isopropylbenzene (Cumene)	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
4-Isopropyltoluene	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
Methyl tert-butyl ether (MTBE)	917		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
4-Methyl-2-pentanone	ND		ug/L	50.0	50.0	5	02/26/16	02/26/16 13:00	WB
Methylene chloride	ND		ug/L	50.0	50.0	5	02/26/16	02/26/16 13:00	WB
Naphthalene	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
n-Propylbenzene	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
Styrene	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
Tetrachloroethene	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
Toluene	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
1,2,3-Trichlorobenzene	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
1,2,4-Trichlorobenzene	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
1,1,1-Trichloroethane	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
1,1,2-Trichloroethane	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
Trichloroethene	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
1,2,3-Trichloropropane	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
1,2,4-Trimethylbenzene	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
1,3,5-Trimethylbenzene	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB

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Sam Hamner, President

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
04/12/16 14:28

MW-7A

6022509-10 (Nonpotable Water)
Sample Date: 02/25/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
o-Xylene	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
m- & p-Xylenes	ND		ug/L	25.0	10.0	5	02/26/16	02/26/16 13:00	WB
Surrogate: 1,2-Dichloroethane-d4		75-120		95 %	02/26/16		02/26/16 13:00		
Surrogate: Toluene-d8		84-110		97 %	02/26/16		02/26/16 13:00		
Surrogate: 4-Bromofluorobenzene		78-110		87 %	02/26/16		02/26/16 13:00		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0082	0.0082	1	03/02/16	03/03/16 13:14	CMK



Sam Hamner, President

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Analytical Results

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

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

04/12/16 14:28

Notes and Definitions

- O-04 This sample was analyzed outside the EPA recommended holding time.
- J Detected but below the reporting limit; therefore, result is an estimated concentration (CLP J-Flag).
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference



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Sam Hamner, President

CHAIN-OF-CUSTODY RECORD

Company Name: Chesapeake GeoSciences, Inc.
Project Name: Little George's Deli (8-1564CL)
 Page 1 of 1
Sampler(s): Devin Glancey & Drew Hobbs

Project Manager: Kevin Howard
Project ID: CG-08-0348
P.O. Number: CG080348KH

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

Field Sample ID	Date	Time	No. of Containers			Parameters					Preservative/Remarks	Lab ID
			Water	Soil	Other	VOCs via EPA 8260	Dissolved Methane RSK 175	TPH-GRO 8015	TPH-DRD 8015			
H-3	2/24/16	11:00	X			X	X				HCL + 4°C	6022509-01
H-4A	2/24/16	11:55	X			X	X					-02
MW-5	2/24/16	12:55	X			X	X					-03
MW-3	2/24/16	14:30	X			X	X					-04
H-6	2/25/16	8:40	X			X	X					-05
H-1A	2/25/16	10:00	X			X	X					-06
MW-2	2/25/16	11:35	X			X	X					-07
MW-7B	2/25/16	13:05	X			X	X					-08
GAC-EFF	2/25/16	10:50	X			X	X		X			-09
MW-7A	2/25/16	14:20	X			X	X					-10

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Devin Glancey</i> (Printed)	2/25/16 15:35	<i>Andrew Boecker</i> (Printed)	
<i>Devin Glancey</i> (Signature)		<i>Andrew Boecker</i> (Signature)	

Remarks: MDE Data Deliverable Package 1/Rates
 Please include BTEX, Naphthalene, MTBE, TAME, TBA, ETBE, DIPE, 1,2-DCA, and 1,2-Dibromoethane in EPA 524.2/8260 Analyses.
 E-mail results to khoward@cgs.us.com

6.0°C on ice

04 March 2016

Kevin Howard
Chesapeake GeoSciences, Inc.
5405 Twin Knolls Rd, Suite I
Columbia, MD 21045
RE: LITTLE GEORGE'S DELI (8-1564CL)

Enclosed are the results of analyses for samples received by the laboratory on 02/26/16 15:30.

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

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

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

Sincerely,



Sam Hamner
President

Analytical Results

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

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
03/04/16 16:21

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-7R		6022611-01	Nonpotable Water	02/26/16 08:40	02/26/16 15:30
MW-1		6022611-02	Nonpotable Water	02/26/16 10:35	02/26/16 15:30
MW-1A		6022611-03	Nonpotable Water	02/26/16 11:40	02/26/16 15:30
LOT 7 WELL		6022611-04	Nonpotable Water	02/26/16 13:15	02/26/16 15:30
GDG-DUPE		6022611-05	Nonpotable Water	02/26/16 12:00	02/26/16 15:30
TB		6022611-06	Nonpotable Water	02/26/16 15:30	02/26/16 15:30
FB		6022611-07	Nonpotable Water	02/26/16 14:10	02/26/16 15:30



Sam Hamner, President

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
03/04/16 16:21

MW-7R

6022611-01 (Nonpotable Water)

Sample Date: 02/26/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	02/29/16	02/29/16 16:39	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	02/29/16	02/29/16 16:39	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
Benzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
Bromoform	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
Bromomethane	ND		ug/L	5.0	5.0	1	02/29/16	02/29/16 16:39	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	02/29/16	02/29/16 16:39	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	02/29/16	02/29/16 16:39	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
Chloroethane	ND		ug/L	5.0	5.0	1	02/29/16	02/29/16 16:39	WB
Chloroform	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
Chloromethane	ND		ug/L	5.0	5.0	1	02/29/16	02/29/16 16:39	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB



Sam Hamner, President

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
03/04/16 16:21

MW-7R

6022611-01 (Nonpotable Water)

Sample Date: 02/26/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	02/29/16	02/29/16 16:39	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
Methyl tert-butyl ether (MTBE)	12.4		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	02/29/16	02/29/16 16:39	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	02/29/16	02/29/16 16:39	WB
Naphthalene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
Styrene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
Toluene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB

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Sam Hamner, President

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
03/04/16 16:21

MW-7R

6022611-01 (Nonpotable Water)
Sample Date: 02/26/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
o-Xylene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 16:39	WB
Surrogate: 1,2-Dichloroethane-d4			75-120	103 %	02/29/16		02/29/16 16:39		
Surrogate: Toluene-d8			84-110	97 %	02/29/16		02/29/16 16:39		
Surrogate: 4-Bromofluorobenzene			78-110	84 %	02/29/16		02/29/16 16:39		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0052	0.0052	1	03/02/16	03/03/16 13:28	CMK



Sam Hamner, President

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.

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
03/04/16 16:21

MW-1

6022611-02 (Nonpotable Water)

Sample Date: 02/26/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	02/29/16	02/29/16 18:19	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	02/29/16	02/29/16 18:19	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
Benzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
Bromoform	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
Bromomethane	ND		ug/L	5.0	5.0	1	02/29/16	02/29/16 18:19	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	02/29/16	02/29/16 18:19	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	02/29/16	02/29/16 18:19	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
Chloroethane	ND		ug/L	5.0	5.0	1	02/29/16	02/29/16 18:19	WB
Chloroform	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
Chloromethane	ND		ug/L	5.0	5.0	1	02/29/16	02/29/16 18:19	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB



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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

03/04/16 16:21

MW-1

6022611-02 (Nonpotable Water)

Sample Date: 02/26/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	02/29/16	02/29/16 18:19	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
Methyl tert-butyl ether (MTBE)	36.5		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	02/29/16	02/29/16 18:19	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	02/29/16	02/29/16 18:19	WB
Naphthalene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
Styrene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
Toluene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
03/04/16 16:21

MW-1

6022611-02 (Nonpotable Water)
Sample Date: 02/26/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
o-Xylene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 18:19	WB
Surrogate: 1,2-Dichloroethane-d4			75-120	106 %	02/29/16		02/29/16 18:19		
Surrogate: Toluene-d8			84-110	96 %	02/29/16		02/29/16 18:19		
Surrogate: 4-Bromofluorobenzene			78-110	83 %	02/29/16		02/29/16 18:19		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0055	0.0055	1	03/02/16	03/03/16 13:56	CMK



Sam Hamner, President

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
03/04/16 16:21

MW-1A

6022611-03 (Nonpotable Water)
Sample Date: 02/26/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	40.0	40.0	4	02/29/16	02/29/16 18:52	WB
tert-Amyl alcohol (TAA)	ND		ug/L	80.0	80.0	4	02/29/16	02/29/16 18:52	WB
tert-Amyl methyl ether (TAME)	25.9		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
Benzene	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
Bromobenzene	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
Bromochloromethane	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
Bromodichloromethane	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
Bromoform	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
Bromomethane	ND		ug/L	20.0	20.0	4	02/29/16	02/29/16 18:52	WB
tert-Butanol (TBA)	314		ug/L	60.0	60.0	4	02/29/16	02/29/16 18:52	WB
2-Butanone (MEK)	ND		ug/L	40.0	40.0	4	02/29/16	02/29/16 18:52	WB
n-Butylbenzene	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
sec-Butylbenzene	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
tert-Butylbenzene	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
Carbon disulfide	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
Carbon tetrachloride	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
Chlorobenzene	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
Chloroethane	ND		ug/L	20.0	20.0	4	02/29/16	02/29/16 18:52	WB
Chloroform	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
Chloromethane	ND		ug/L	20.0	20.0	4	02/29/16	02/29/16 18:52	WB
2-Chlorotoluene	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
4-Chlorotoluene	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
Dibromochloromethane	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
1,2-Dibromoethane (EDB)	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
Dibromomethane	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
1,2-Dichlorobenzene	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
1,3-Dichlorobenzene	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
1,4-Dichlorobenzene	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
Dichlorodifluoromethane	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
1,1-Dichloroethane	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
1,2-Dichloroethane	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
1,1-Dichloroethene	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
cis-1,2-Dichloroethene	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB



Sam Hamner, President

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
03/04/16 16:21

MW-1A

6022611-03 (Nonpotable Water)

Sample Date: 02/26/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
Dichlorofluoromethane	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
1,2-Dichloropropane	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
1,3-Dichloropropane	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
2,2-Dichloropropane	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
1,1-Dichloropropene	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
cis-1,3-Dichloropropene	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
trans-1,3-Dichloropropene	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
Diisopropyl ether (DIPE)	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
Ethylbenzene	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
Hexachlorobutadiene	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
2-Hexanone	ND		ug/L	40.0	40.0	4	02/29/16	02/29/16 18:52	WB
Isopropylbenzene (Cumene)	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
4-Isopropyltoluene	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
Methyl tert-butyl ether (MTBE)	570		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
4-Methyl-2-pentanone	ND		ug/L	40.0	40.0	4	02/29/16	02/29/16 18:52	WB
Methylene chloride	ND		ug/L	40.0	40.0	4	02/29/16	02/29/16 18:52	WB
Naphthalene	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
n-Propylbenzene	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
Styrene	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
Tetrachloroethene	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
Toluene	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
1,2,3-Trichlorobenzene	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
1,2,4-Trichlorobenzene	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
1,1,1-Trichloroethane	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
1,1,2-Trichloroethane	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
Trichloroethene	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
1,2,3-Trichloropropane	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
1,2,4-Trimethylbenzene	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
1,3,5-Trimethylbenzene	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB

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Sam Hamner, President

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
03/04/16 16:21

MW-1A

6022611-03 (Nonpotable Water)
Sample Date: 02/26/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
o-Xylene	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
m- & p-Xylenes	ND		ug/L	20.0	8.0	4	02/29/16	02/29/16 18:52	WB
Surrogate: 1,2-Dichloroethane-d4		75-120		106 %	02/29/16		02/29/16 18:52		
Surrogate: Toluene-d8		84-110		97 %	02/29/16		02/29/16 18:52		
Surrogate: 4-Bromofluorobenzene		78-110		82 %	02/29/16		02/29/16 18:52		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0057	0.0057	1	03/02/16	03/03/16 14:14	CMK



Sam Hamner, President

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.

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
03/04/16 16:21

LOT 7 WELL

6022611-04 (Nonpotable Water)

Sample Date: 02/26/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	100	100	10	02/29/16	02/29/16 19:25	WB
tert-Amyl alcohol (TAA)	ND		ug/L	200	200	10	02/29/16	02/29/16 19:25	WB
tert-Amyl methyl ether (TAME)	97.4		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
Benzene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
Bromobenzene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
Bromochloromethane	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
Bromodichloromethane	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
Bromoform	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
Bromomethane	ND		ug/L	50.0	50.0	10	02/29/16	02/29/16 19:25	WB
tert-Butanol (TBA)	1540		ug/L	150	150	10	02/29/16	02/29/16 19:25	WB
2-Butanone (MEK)	ND		ug/L	100	100	10	02/29/16	02/29/16 19:25	WB
n-Butylbenzene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
sec-Butylbenzene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
tert-Butylbenzene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
Carbon disulfide	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
Carbon tetrachloride	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
Chlorobenzene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
Chloroethane	ND		ug/L	50.0	50.0	10	02/29/16	02/29/16 19:25	WB
Chloroform	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
Chloromethane	ND		ug/L	50.0	50.0	10	02/29/16	02/29/16 19:25	WB
2-Chlorotoluene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
4-Chlorotoluene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
Dibromochloromethane	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
1,2-Dibromoethane (EDB)	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
Dibromomethane	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
1,2-Dichlorobenzene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
1,3-Dichlorobenzene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
1,4-Dichlorobenzene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
Dichlorodifluoromethane	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
1,1-Dichloroethane	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
1,2-Dichloroethane	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
1,1-Dichloroethene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
cis-1,2-Dichloroethene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB



Sam Hamner, President

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
03/04/16 16:21

LOT 7 WELL

6022611-04 (Nonpotable Water)

Sample Date: 02/26/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
Dichlorofluoromethane	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
1,2-Dichloropropane	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
1,3-Dichloropropane	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
2,2-Dichloropropane	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
1,1-Dichloropropene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
cis-1,3-Dichloropropene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
trans-1,3-Dichloropropene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
Diisopropyl ether (DIPE)	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
Ethylbenzene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
Hexachlorobutadiene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
2-Hexanone	ND		ug/L	100	100	10	02/29/16	02/29/16 19:25	WB
Isopropylbenzene (Cumene)	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
4-Isopropyltoluene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
Methyl tert-butyl ether (MTBE)	2490	K	ug/L	75.0	30.0	15	02/29/16	03/01/16 11:01	WB
4-Methyl-2-pentanone	ND		ug/L	100	100	10	02/29/16	02/29/16 19:25	WB
Methylene chloride	ND		ug/L	100	100	10	02/29/16	02/29/16 19:25	WB
Naphthalene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
n-Propylbenzene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
Styrene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
Tetrachloroethene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
Toluene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
1,2,3-Trichlorobenzene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
1,2,4-Trichlorobenzene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
1,1,1-Trichloroethane	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
1,1,2-Trichloroethane	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
Trichloroethene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
1,2,3-Trichloropropane	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
1,2,4-Trimethylbenzene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
1,3,5-Trimethylbenzene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB



Sam Hamner, President

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

03/04/16 16:21

LOT 7 WELL

6022611-04 (Nonpotable Water)

Sample Date: 02/26/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
o-Xylene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
m- & p-Xylenes	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:25	WB
Surrogate: 1,2-Dichloroethane-d4		75-120		102 %			02/29/16	02/29/16 19:25	
Surrogate: Toluene-d8		84-110		97 %			02/29/16	02/29/16 19:25	
Surrogate: 4-Bromofluorobenzene		78-110		81 %			02/29/16	02/29/16 19:25	
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	0.0076		mg/L	0.0055	0.0055	1	03/02/16	03/03/16 14:42	CMK



Sam Hamner, President

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
03/04/16 16:21

GDG-DUPE

6022611-05 (Nonpotable Water)

Sample Date: 02/26/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	100	100	10	02/29/16	02/29/16 19:59	WB
tert-Amyl alcohol (TAA)	ND		ug/L	200	200	10	02/29/16	02/29/16 19:59	WB
tert-Amyl methyl ether (TAME)	94.2		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
Benzene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
Bromobenzene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
Bromochloromethane	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
Bromodichloromethane	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
Bromoform	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
Bromomethane	ND		ug/L	50.0	50.0	10	02/29/16	02/29/16 19:59	WB
tert-Butanol (TBA)	1670		ug/L	150	150	10	02/29/16	02/29/16 19:59	WB
2-Butanone (MEK)	ND		ug/L	100	100	10	02/29/16	02/29/16 19:59	WB
n-Butylbenzene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
sec-Butylbenzene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
tert-Butylbenzene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
Carbon disulfide	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
Carbon tetrachloride	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
Chlorobenzene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
Chloroethane	ND		ug/L	50.0	50.0	10	02/29/16	02/29/16 19:59	WB
Chloroform	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
Chloromethane	ND		ug/L	50.0	50.0	10	02/29/16	02/29/16 19:59	WB
2-Chlorotoluene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
4-Chlorotoluene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
Dibromochloromethane	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
1,2-Dibromoethane (EDB)	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
Dibromomethane	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
1,2-Dichlorobenzene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
1,3-Dichlorobenzene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
1,4-Dichlorobenzene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
Dichlorodifluoromethane	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
1,1-Dichloroethane	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
1,2-Dichloroethane	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
1,1-Dichloroethene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
cis-1,2-Dichloroethene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB



Sam Hamner, President

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.

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
03/04/16 16:21

GDG-DUPE

6022611-05 (Nonpotable Water)

Sample Date: 02/26/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
Dichlorofluoromethane	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
1,2-Dichloropropane	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
1,3-Dichloropropane	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
2,2-Dichloropropane	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
1,1-Dichloropropene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
cis-1,3-Dichloropropene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
trans-1,3-Dichloropropene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
Diisopropyl ether (DIPE)	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
Ethylbenzene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
Hexachlorobutadiene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
2-Hexanone	ND		ug/L	100	100	10	02/29/16	02/29/16 19:59	WB
Isopropylbenzene (Cumene)	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
4-Isopropyltoluene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
Methyl tert-butyl ether (MTBE)	2490	K	ug/L	75.0	30.0	15	02/29/16	03/01/16 11:34	WB
4-Methyl-2-pentanone	ND		ug/L	100	100	10	02/29/16	02/29/16 19:59	WB
Methylene chloride	ND		ug/L	100	100	10	02/29/16	02/29/16 19:59	WB
Naphthalene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
n-Propylbenzene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
Styrene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
Tetrachloroethene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
Toluene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
1,2,3-Trichlorobenzene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
1,2,4-Trichlorobenzene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
1,1,1-Trichloroethane	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
1,1,2-Trichloroethane	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
Trichloroethene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
1,2,3-Trichloropropane	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
1,2,4-Trimethylbenzene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
1,3,5-Trimethylbenzene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB



Sam Hamner, President

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
03/04/16 16:21

GDG-DUPE

6022611-05 (Nonpotable Water)
Sample Date: 02/26/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
o-Xylene	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
m- & p-Xylenes	ND		ug/L	50.0	20.0	10	02/29/16	02/29/16 19:59	WB
Surrogate: 1,2-Dichloroethane-d4		75-120		105 %			02/29/16	02/29/16 19:59	
Surrogate: Toluene-d8		84-110		98 %			02/29/16	02/29/16 19:59	
Surrogate: 4-Bromofluorobenzene		78-110		84 %			02/29/16	02/29/16 19:59	
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	0.0064		mg/L	0.0049	0.0049	1	03/02/16	03/03/16 15:44	CMK



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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
03/04/16 16:21

TB

6022611-06 (Nonpotable Water)

Sample Date: 02/26/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	02/29/16	02/29/16 17:12	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	02/29/16	02/29/16 17:12	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
Benzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
Bromoform	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
Bromomethane	ND		ug/L	5.0	5.0	1	02/29/16	02/29/16 17:12	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	02/29/16	02/29/16 17:12	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	02/29/16	02/29/16 17:12	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
Chloroethane	ND		ug/L	5.0	5.0	1	02/29/16	02/29/16 17:12	WB
Chloroform	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
Chloromethane	ND		ug/L	5.0	5.0	1	02/29/16	02/29/16 17:12	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB



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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
03/04/16 16:21

TB

6022611-06 (Nonpotable Water)
Sample Date: 02/26/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	02/29/16	02/29/16 17:12	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	02/29/16	02/29/16 17:12	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	02/29/16	02/29/16 17:12	WB
Naphthalene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
Styrene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
Toluene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB



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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
03/04/16 16:21

TB

6022611-06 (Nonpotable Water)
Sample Date: 02/26/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
o-Xylene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:12	WB
Surrogate: 1,2-Dichloroethane-d4			75-120	104 %	02/29/16		02/29/16 17:12		
Surrogate: Toluene-d8			84-110	95 %	02/29/16		02/29/16 17:12		
Surrogate: 4-Bromofluorobenzene			78-110	84 %	02/29/16		02/29/16 17:12		



Sam Hamner, President

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
03/04/16 16:21

FB

6022611-07 (Nonpotable Water)

Sample Date: 02/26/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	02/29/16	02/29/16 17:45	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	02/29/16	02/29/16 17:45	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
Benzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
Bromoform	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
Bromomethane	ND		ug/L	5.0	5.0	1	02/29/16	02/29/16 17:45	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	02/29/16	02/29/16 17:45	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	02/29/16	02/29/16 17:45	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
Chloroethane	ND		ug/L	5.0	5.0	1	02/29/16	02/29/16 17:45	WB
Chloroform	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
Chloromethane	ND		ug/L	5.0	5.0	1	02/29/16	02/29/16 17:45	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
03/04/16 16:21

FB

6022611-07 (Nonpotable Water)

Sample Date: 02/26/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	02/29/16	02/29/16 17:45	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	02/29/16	02/29/16 17:45	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	02/29/16	02/29/16 17:45	WB
Naphthalene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
Styrene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
Toluene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB



Sam Hamner, President

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.

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Kevin Howard

Reported:

03/04/16 16:21

FB

6022611-07 (Nonpotable Water)

Sample Date: 02/26/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
o-Xylene	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	02/29/16	02/29/16 17:45	WB
Surrogate: 1,2-Dichloroethane-d4			75-120	104 %	02/29/16		02/29/16 17:45		
Surrogate: Toluene-d8			84-110	97 %	02/29/16		02/29/16 17:45		
Surrogate: 4-Bromofluorobenzene			78-110	84 %	02/29/16		02/29/16 17:45		



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.

Sam Hamner, President

Analytical Results

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

Project: LITTLE GEORGE'S DELI (8-1564CL)

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

Reported:
03/04/16 16:21

Notes and Definitions

K	Result taken from alternate analysis
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



Sam Hamner, President

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.

ENVIRO-CHEM LABORATORIES, INC.



47 Loveton Circle, Suite K • Sparks, Maryland 21152

410-472-1112

FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 03/06/2016
REPORT NBR: 160306212839

LAB#: E043519-01

SAMPLE ID: Lot 4 Well

LOCATION:

DATE SAMPLED: 02/23/2016

TIME SAMPLED: 10:30AM

SAMPLER- D Glancey, D Hobbs

DATE RECEIVED: 02/23/2016

TIME RECEIVED: 4:35PM

DELIVERED BY: D Hobbs

RECEIVED BY: Stephen Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	02/26/16 14:59	SEN	< 0.010 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	02/24/16 20:19	SES	< 0.4 mg/L		0.4
\$ Sulfate	EPA 300.0	02/24/16 02:33	SES	4.0 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 03/06/2016
REPORT NBR: 160306212839

LAB#: E043519-02

SAMPLE ID: Sentinel Well

LOCATION:

DATE SAMPLED: 02/23/2016

TIME SAMPLED: 11:45AM

SAMPLER- D Glancey, D Hobbs

DATE RECEIVED: 02/23/2016

TIME RECEIVED: 4:35PM

DELIVERED BY: D Hobbs

RECEIVED BY: Stephen Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	02/26/16 15:05	SEN	0.040 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	02/24/16 02:49	SES	7.0 mg/L		0.2
\$ Sulfate	EPA 300.0	02/24/16 02:49	SES	< 1.0 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 03/06/2016
REPORT NBR: 160306212839

LAB#: E043540-01

SAMPLE ID: H-3

LOCATION:

DATE SAMPLED: 02/24/2016

TIME SAMPLED: 11:00AM

SAMPLER- D Glancey, D Hobbs

DATE RECEIVED: 02/24/2016

TIME RECEIVED: 3:26PM

DELIVERED BY: D Hobbs

RECEIVED BY: Ginny Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	02/26/16 15:07	SEN	0.028 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	02/24/16 23:11	SES	1.7 mg/L		0.2
\$ Sulfate	EPA 300.0	02/24/16 23:11	SES	11.1 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 03/06/2016
REPORT NBR: 160306212839

LAB#: E043540-02

SAMPLE ID: MW-5

LOCATION:

DATE SAMPLED: 02/24/2016

TIME SAMPLED: 12:55PM

SAMPLER- D Glancey, D Hobbs

DATE RECEIVED: 02/24/2016

TIME RECEIVED: 3:26PM

DELIVERED BY: D Hobbs

RECEIVED BY: Ginny Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	02/26/16 15:08	SEN	0.326 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	02/24/16 23:27	SES	4.7 mg/L		0.2
\$ Sulfate	EPA 300.0	02/24/16 23:27	SES	5.0 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 03/06/2016
REPORT NBR: 160306212839

LAB#: E043540-03

SAMPLE ID: MW-3

LOCATION:

DATE SAMPLED: 02/24/2016

TIME SAMPLED: 2:30PM

SAMPLER- D Glancey, D Hobbs

DATE RECEIVED: 02/24/2016

TIME RECEIVED: 3:26PM

DELIVERED BY: D Hobbs

RECEIVED BY: Ginny Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	02/26/16 15:10	SEN	0.255 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	02/24/16 23:43	SES	6.2 mg/L		0.2
\$ Sulfate	EPA 300.0	02/24/16 23:43	SES	45.3 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 03/06/2016
REPORT NBR: 160306212839

LAB#: E043561-01

SAMPLE ID: H-6

LOCATION:

DATE SAMPLED: 02/25/2016

TIME SAMPLED: 8:40AM

SAMPLER- D Glancey, D Hobbs

DATE RECEIVED: 02/25/2016

TIME RECEIVED: 3:29PM

DELIVERED BY: D Hobbs

RECEIVED BY: Ginny Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	03/01/16 15:04	SEN	1.05 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	02/25/16 22:35	SES	5.7 mg/L		0.2
\$ Sulfate	EPA 300.0	02/25/16 22:35	SES	2.7 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 03/06/2016
REPORT NBR: 160306212839

LAB#: E043561-02

SAMPLE ID: H-1A

LOCATION:

DATE SAMPLED: 02/25/2016

TIME SAMPLED: 10:00AM

SAMPLER- D Glancey, D Hobbs

DATE RECEIVED: 02/25/2016

TIME RECEIVED: 3:29PM

DELIVERED BY: D Hobbs

RECEIVED BY: Ginny Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	03/01/16 15:11	SEN	1.51 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	02/25/16 23:22	SES	4.3 mg/L		0.2
\$ Sulfate	EPA 300.0	02/25/16 23:22	SES	4.8 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 03/06/2016
REPORT NBR: 160306212839

LAB#: E043561-03

SAMPLE ID: MW-2

LOCATION:

DATE SAMPLED: 02/25/2016

TIME SAMPLED: 11:35AM

SAMPLER- D Glancey, D Hobbs

DATE RECEIVED: 02/25/2016

TIME RECEIVED: 3:29PM

DELIVERED BY: D Hobbs

RECEIVED BY: Ginny Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	03/01/16 15:12	SEN	1.09 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	02/26/16 20:30	SES	11.8 mg/L		0.4
\$ Sulfate	EPA 300.0	02/25/16 23:38	SES	8.0 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 03/06/2016
REPORT NBR: 160306212839

LAB#: E043561-04

SAMPLE ID: MW-7B

LOCATION:

DATE SAMPLED: 02/25/2016

TIME SAMPLED: 1:05PM

SAMPLER- D Glancey, D Hobbs

DATE RECEIVED: 02/25/2016

TIME RECEIVED: 3:29PM

DELIVERED BY: D Hobbs

RECEIVED BY: Ginny Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	03/01/16 15:14	SEN	0.096 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	02/26/16 20:45	SES	11.8 mg/L		0.4
\$ Sulfate	EPA 300.0	02/25/16 23:54	SES	2.3 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 03/06/2016
REPORT NBR: 160306212839

LAB#: E043561-05

SAMPLE ID: MW-7A

LOCATION:

DATE SAMPLED: 02/25/2016

TIME SAMPLED: 2:20PM

SAMPLER- D Glancey, D Hobbs

DATE RECEIVED: 02/25/2016

TIME RECEIVED: 3:29PM

DELIVERED BY: D Hobbs

RECEIVED BY: Ginny Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	03/01/16 15:16	SEN	0.064 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	02/26/16 00:09	SES	6.1 mg/L		0.2
\$ Sulfate	EPA 300.0	02/26/16 00:09	SES	6.0 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 03/06/2016
REPORT NBR: 160306212839

LAB#: E043577-01

SAMPLE ID: MW-7R

LOCATION:

DATE SAMPLED: 02/26/2016

TIME SAMPLED: 8:40AM

SAMPLER- D Glancey, D Hobbs

DATE RECEIVED: 02/26/2016

TIME RECEIVED: 3:12PM

DELIVERED BY: D Hobbs

RECEIVED BY: Ginny Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	03/01/16 15:20	SEN	0.254 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	02/27/16 00:42	SES	5.6 mg/L		0.2
\$ Sulfate	EPA 300.0	02/27/16 00:42	SES	30.6 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 03/06/2016
REPORT NBR: 160306212839

LAB#: E043577-02

SAMPLE ID: MW-1

LOCATION:

DATE SAMPLED: 02/26/2016

TIME SAMPLED: 10:35AM

SAMPLER- D Glancey, D Hobbs

DATE RECEIVED: 02/26/2016

TIME RECEIVED: 3:12PM

DELIVERED BY: D Hobbs

RECEIVED BY: Ginny Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	03/01/16 15:22	SEN	2.88 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	02/27/16 01:29	SES	6.1 mg/L		0.2
\$ Sulfate	EPA 300.0	02/27/16 01:29	SES	10.6 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 03/06/2016
REPORT NBR: 160306212839

LAB#: E043577-03

SAMPLE ID: MW-1A

LOCATION:

DATE SAMPLED: 02/26/2016

TIME SAMPLED: 11:40AM

SAMPLER- D Glancey, D Hobbs

DATE RECEIVED: 02/26/2016

TIME RECEIVED: 3:12PM

DELIVERED BY: D Hobbs

RECEIVED BY: Ginny Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	03/01/16 15:31	SEN	3.12 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	02/27/16 02:16	SES	4.8 mg/L		0.2
\$ Sulfate	EPA 300.0	02/27/16 02:16	SES	6.2 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 03/06/2016
REPORT NBR: 160306212839

LAB#: E043577-04

SAMPLE ID: Lot 7 Well

LOCATION:

DATE SAMPLED: 02/26/2016

TIME SAMPLED: 1:15PM

SAMPLER- D Glancey, D Hobbs

DATE RECEIVED: 02/26/2016

TIME RECEIVED: 3:12PM

DELIVERED BY: D Hobbs

RECEIVED BY: Ginny Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	03/01/16 15:33	SEN	0.028 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	02/27/16 02:32	SES	5.5 mg/L		0.2
\$ Sulfate	EPA 300.0	02/27/16 02:32	SES	3.8 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 03/06/2016
REPORT NBR: 160306212839

LAB#: E043577-05

SAMPLE ID: GDG-Dupe

LOCATION:

DATE SAMPLED: 02/26/2016

TIME SAMPLED: Information Not

SAMPLER- D Glancey, D Hobbs

DATE RECEIVED: 02/26/2016

Provided

DELIVERED BY: D Hobbs

TIME RECEIVED: 3:12PM

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	03/01/16 15:34	SEN	0.028 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	02/27/16 02:47	SES	5.6 mg/L		0.2
\$ Sulfate	EPA 300.0	02/27/16 02:47	SES	3.7 mg/L		1.0

Stephen Shelley
Laboratory Director

ENVIRO-CHEM LABORATORIES, INC.



47 Loveton Circle, Suite K • Sparks, Maryland 21152

410-472-1112

Certifications

#192 # - State of Maryland Certification
68-04873 * - NELAP Certification
460255 ! - VELAP Certification

Qualifier(s)

E Over Calibration Estimated Result

Indicates a MD certified Analyte
* Indicates a NELAP certified Analyte
! Indicates a VELAP certified Analyte
\$ Not a certified Analyte

QUALITY CONTROL SUMMARY

REPORT NBR: 160306212839

Enviro-Chem

Analyte QC Type	Sample Source	Date Prep'd	Date Analyzed	Result	MRL	Units	Spike Level	Source Result	% REC % REC	% REC Limits	RPD	RPD Limit
Batch B6B0252												
Nitrate (as N)												
Duplicate	E043518-03	02/24/2016	02/24/2016	1	0.2	mg/L		1			0.0269	20
Duplicate	E043501-01	02/23/2016	02/24/2016	8	0.4	mg/L		8			0.267	20
LCS		02/23/2016	02/23/2016	1	0.2	mg/L	1.00		95.5	90-110		
Matrix Spike	E043518-03	02/24/2016	02/24/2016	2	0.2	mg/L	1.00	1	93.8	80-120		
Matrix Spike	E043501-01	02/23/2016	02/24/2016	9	0.4	mg/L	1.00	8	103	80-120		
Sulfate												
Duplicate	E043518-03	02/24/2016	02/24/2016	1.4	1.0	mg/L		1.4			NC	20
Duplicate	E043501-01	02/23/2016	02/23/2016	28.6	1.0	mg/L		28.6			0.0112	20
LCS		02/23/2016	02/23/2016	9.3	1.0	mg/L	10.0		93.1	90-110		
Matrix Spike	E043518-03	02/24/2016	02/24/2016	10.3	1.0	mg/L	10.0	1.4	89.2	80-120		
Matrix Spike	E043501-01	02/23/2016	02/23/2016	39.0	1.0	mg/L	10.0	28.6	104	80-120		
Batch B6B0266												
Nitrate (as N)												
Duplicate	E043540-03	02/24/2016	02/24/2016	6	0.2	mg/L		6			0.146	20
Duplicate	E043534-01	02/24/2016	02/24/2016	6	0.2	mg/L		6			0.326	20
LCS		02/24/2016	02/24/2016	1	0.2	mg/L	1.00		96.4	90-110		
Matrix Spike	E043534-01	02/24/2016	02/24/2016	7	0.2	mg/L	1.00	6	106	80-120		
Matrix Spike	E043540-03	02/25/2016	02/25/2016	7	0.2	mg/L	1.00	6	108	80-120		
Sulfate												
Duplicate	E043534-01	02/24/2016	02/24/2016	3.8	1.0	mg/L		3.7			NC	20
Duplicate	E043540-03	02/24/2016	02/24/2016	45.4	1.0	mg/L		45.3			0.259	20
LCS		02/24/2016	02/24/2016	9.3	1.0	mg/L	10.0		93.1	90-110		
Matrix Spike	E043534-01	02/24/2016	02/24/2016	12.7	1.0	mg/L	10.0	3.7	89.8	80-120		
Matrix Spike	E043540-03	02/25/2016	02/25/2016	56.2	1.0	mg/L	10.0	45.3	109	80-120		
Batch B6B0271												
Manganese												
Blank		02/25/2016	02/26/2016	<0.010	0.010	mg/L						
Duplicate	E043519-01	02/25/2016	02/26/2016	<0.010	0.010	mg/L		ND				20
LCS		02/25/2016	02/26/2016	0.503	0.010	mg/L	0.500		101	85-115		
Matrix Spike	E043519-01	02/25/2016	02/26/2016	0.495	0.010	mg/L	0.500	ND	99.0	70-130		
Batch B6B0285												
Nitrate (as N)												
Duplicate	E043542-01	02/25/2016	02/25/2016	4	0.2	mg/L		4			0.357	20
Duplicate	E043561-01	02/25/2016	02/25/2016	6	0.2	mg/L		6			0.122	20
LCS		02/25/2016	02/25/2016	1	0.2	mg/L	1.00		98.2	90-110		
Matrix Spike	E043542-01	02/25/2016	02/25/2016	5	0.2	mg/L	1.00	4	97.7	80-120		
Matrix Spike	E043561-01	02/25/2016	02/25/2016	7	0.2	mg/L	1.00	6	103	80-120		
Sulfate												
Duplicate	E043561-01	02/25/2016	02/25/2016	2.6	1.0	mg/L		2.7			NC	20
Duplicate	E043542-01	02/25/2016	02/25/2016	6.8	1.0	mg/L		6.8			0.208	20
LCS		02/25/2016	02/25/2016	9.1	1.0	mg/L	10.0		91.3	90-110		
Matrix Spike	E043561-01	02/25/2016	02/25/2016	11.2	1.0	mg/L	10.0	2.7	85.8	80-120		
Matrix Spike	E043542-01	02/25/2016	02/25/2016	15.7	1.0	mg/L	10.0	6.8	89.3	80-120		
Batch B6B0299												

QUALITY CONTROL SUMMARY

REPORT NBR: 160306212839

Enviro-Chem

Analyte QC Type	Sample Source	Date Prep'd	Date Analyzed	Result	MRL	Units	Spike Level	Source Result	% REC % REC	REC Limits	RPD	RPD Limit
Batch B6B0299 (Continued)												
Nitrate (as N)												
Duplicate	E043568-01	02/26/2016	02/26/2016	4	0.2	mg/L		4			0.202	20
Duplicate	E043577-01	02/27/2016	02/27/2016	6	0.2	mg/L		6			0.0447	20
LCS		02/26/2016	02/26/2016	1	0.2	mg/L	1.00		99.3	90-110		
Matrix Spike	E043568-01	02/26/2016	02/26/2016	5	0.2	mg/L	1.00	4	107	80-120		
Matrix Spike	E043577-01	02/27/2016	02/27/2016	7	0.2	mg/L	1.00	6	108	80-120		
Sulfate												
Duplicate	E043568-01	02/26/2016	02/26/2016	3.2	1.0	mg/L		3.2			NC	20
Duplicate	E043577-01	02/27/2016	02/27/2016	30.7	1.0	mg/L		30.6			0.120	20
LCS		02/26/2016	02/26/2016	9.5	1.0	mg/L	10.0		94.9	90-110		
Matrix Spike	E043568-01	02/26/2016	02/26/2016	12.2	1.0	mg/L	10.0	3.2	90.2	80-120		
Matrix Spike	E043577-01	02/27/2016	02/27/2016	41.1	1.0	mg/L	10.0	30.6	105	80-120		
Batch B6B0311												
Manganese												
Blank		02/29/2016	03/01/2016	<0.010	0.010	mg/L						
Duplicate	E043561-01	02/29/2016	03/01/2016	1.09	0.010	mg/L		1.05			4.02	20
LCS		02/29/2016	03/01/2016	0.511	0.010	mg/L	0.500		102	85-115		
Matrix Spike	E043561-01	02/29/2016	03/01/2016	1.58	0.010	mg/L	0.500	1.05	107	70-130		

* - Indicates Recovery/RPD failed Criteria.

NC - Indicates Duplicate Result or Sample Duplicate Result < 4 * Method reporting limit

Enviro-Chem Laboratories, Inc.

47 Loveton Circle, Suite K

Sparks, MD 21152

Phone No.: (410) 746 14 11
 Fax No.: (410) 746-3299

Client: Chesapeake Geo Sciences

Project Manager: Kevin Howard

Sampler: Devin Glancey, Drew Hobbs

Project Name: Little George's Del. (E-15642)

P.O. Number: CG080348 KH

Email: khoward@cgscs.us.com

Project Number: G-CB-0348

ECL Log in Batch Number

Page 1 of 1

No. of Containers	Sample Type	Preservative			
		AT	CT	LT	CT
1	G				
1	G				

Migrate EPA 300
 Dissolved Mn 200.7
 Sulfate 300

Preservative Key:
 NA = Nitric Acid, pH < 2
 SA = Sulfuric Acid, pH < 2
 OH = NaOH, pH > 12
 TI = Thiosulfate
 Zn = Zinc Acetate
 N = None, Chilled
 X = Other

Enviro-Chem Lab No.	Sample Identification (As it is to appear on report)	Date Sampled	Time Sampled	Matrix	No. of Containers	Sample Type	Preservative	AT	CT	LT	CT	Remarks
43519-01	Lot 4 Well	2/23/16	16:30	GW	1	G						*All samples were field filtered
43519-02	Seatre Well	2/23/16	11:45	GW	1	G						
Collected / Relinquished By		Date	Time	Received By								
Devin AH		2/23/16	16:35	[Signature]								
Relinquished By		Date	Time	Received By								
Relinquished By		Date	Time	Received By								
Relinquished By		Date	Time	Received By								
COC/Labels match				Explain any "NO" answers								
<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	# of Samples Preserved correctly	<input type="checkbox"/> Y	<input type="checkbox"/> N	NA							

Deliverables Required

Due Date

Turnaround Requested

STD 1-Day Other

Special Instructions, Comments:

Rush?

Ice Present

Temp

Phone 410-472-1112

www.enviro-chem.net

Fax: 410-472-1116

Phone No.: (410) 740-1911

Fax No.: (410) 740-3299

Client: Chesapeake Geosciences

Project Manager: Kevin Howard

Sampler: Devin Glaney, Drew Hollis

Project Name: Little George's Deli

P.O. Number: CG080348KH

Project Number: CG-08-0348

Email: khoward@gs.us.com

ECL Log in Batch Number

Page 1 of 1

Preservative Key:

- NA = Nitric Acid, pH < 2
- SA = Sulfuric Acid, pH < 2
- OH = NaOH, pH > 12
- TI = Thioulate
- Zn = Zinc Acetate
- N = None, Chilled
- X = Other

Enviro-Chem Lab No.	Sample Identification (As it is to appear on report)	Date Sampled	Time Sampled	Matrix	Containers	Preservative			Remarks	
						No. of	Sample Type	C = Comp. G = Grab		
A-3	EO43S10-01	2/24/16	11:00	GM	1	G	X	X	X	*All samples field filtered
MW-5	EO43S10-02	2/24/16	12:55	GM	1	G	X	X	X	
MW-3	EO43S10-03	2/24/16	14:30	GM	1	G	X	X	X	

Nitrate 300
Sulfate 300
DSS/Mn 200.7

Relinquished By	Date	Time	Received By	Date	Time	Received By	Deliverables Required	# Coolers	Seal	Turnaround Requested			Special Instructions, Comments:
										STD	1-Day	Other	
Devin Glaney	2/24/16	15:26	[Signature]					1					

Phone 410-472-1112

www.enviro-chem.net

Fax: 410-472-1116

Sample Chain of Custody

47 Loveton Circle, Suite K

Sparks, MD 21152

Client: Chesapeake GeoSciences

Phone No.: (410) 766-1919

ECL Log in Batch Number

Page

Project Manager: Kevin Howard

Fax No.: (410) 766-3295

Sampler: Devin Glaney, Drew Hobbs

Email: khoward@egs.us.com

Project Name: Little George's Deli

Project Number: C6-08-0348

P.O. Number: CGOC0348 KW

Containers of

Preservative Key:
 NA = Nitric Acid, pH <2
 SA = Sulfuric Acid, pH <2
 OH = NaOH, pH >12
 TI = Thiou sulfate
 Zn = Zinc Acetate
 N = None, Chilled
 X = Other

Enviro-Chem Lab No.

Sample Identification
(As it is to appear on report)

Date Sampled

Time Sampled

Matrix

Sample Type
C = Comp.
G = Grab

Nitrate 300
 Sulfate 300
 Diss. Mn 200.7

Remarks

43561-01

H-6

2/25/16

8:40

GLW

1

G

X X X X

X X X X

*All samples
Field Filtered

43561-02

A-1A

2/25/16

10:00

GLW

1

G

X X X X

X X X X

43561-03

MW-2

2/25/16

11:35

GLW

1

G

X X X X

X X X X

43561-04

MW-7B

2/25/16

13:05

GLW

1

G

X X X X

X X X X

43561-05

MW-7A

2/25/16

14:20

GLW

1

G

X X X X

X X X X

Collected / Relinquished By

Drew Hobbs

2/25/16

15:29

M

Deliverables Required

Coolers

Seal

Relinquished By

Date

Time

Received By

Due Date

Ice Present

Temp

Relinquished By

Date

Time

Received By

Turnaround Requested

Rush?

Relinquished By

Date

Time

Received By

Special Instructions, Comments:

COC/Labels match

N

of Samples Preserved correctly

Y

of Bottles

NA

Explain any "NO" answers

Bottles intact/appropriate

Y

Y

NA

Sample split & metals analyzed

5

Phone 410-472-1112

www.enviro-chem.net

Fax: 410-472-1116

Client: Chesapeake GeoSciences Phone No.: (410) 740-1411 ECL Log in Batch Number: _____ Page 1 of 1

Project Manager: Kevin Howard Fax No.: (410) 740-3294

Sampler: Dawn Glancy, Drew Hells Email: KHoward@CGS.US.COM

Project Name: Little George's Del. Project Number: CG-CB-0346

P.O. Number: CG080346KH

Enviro-Chem Lab No. Sample Identification (As it is to appear on report) Date Sampled Time Sampled Matrix Containers No. of Sample Type Preservative G = Grab C = Comp. 42 42 42

43577-01 MW-7R 2/26/16 8:40 GW 1 G X X X NItrate 300 Sulfate 300 Diss.Mn 200.7 ALL samples

43577-02 MW-1 10:35 GW 1 G X X X Field Filtr

43577-03 MW-1A 11:40 GW 1 G X X X

43577-04 Lot 7 Well 13:15 GW 1 G X X X

43577-05 GDDG-Dupe 60:00 GW 1 G X X X

Collected / Relinquished By: Dawn HW Date: 2/26/16 Time: 15:12 Received By: [Signature]

Relinquished By: _____ Date: _____ Time: _____ Received By: _____

Relinquished By: _____ Date: _____ Time: _____ Received By: _____

Relinquished By: _____ Date: _____ Time: _____ Received By: _____

COCLabels match Y # of Samples N # of Bottles NA Explain any "NO" answers _____

Bottles Intact/appropriate Y Preserved correctly Y NA

Turnaround Requested: STD 1-Day Other _____ Rush? _____

Special Instructions, Comments: _____

Deliverables Required: _____ # Coolers: 1 Seal: _____

Ice Present: Y Temp: 8.1

ATTACHMENT B-4

**LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY RECORDS
JUNE 2016 SAMPLING EVENT**

22 June 2016

Nancy Love
Chesapeake GeoSciences, Inc.
5405 Twin Knolls Rd, Suite I
Columbia, MD 21045
RE: LITTLE GEORGE'S DELI (8-1564CL)

Enclosed are the results of analyses for samples received by the laboratory on 06/14/16 17:05.

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

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

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

Sincerely,



Will Brewington
Staff Chemist

Analytical Results

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

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 10:41

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
LOT 4 WELL		6061408-01	Nonpotable Water	06/13/16 12:05	06/14/16 17:05
SENTINEL WELL		6061408-02	Nonpotable Water	06/13/16 13:50	06/14/16 17:05
H-3		6061408-03	Nonpotable Water	06/13/16 15:30	06/14/16 17:05
H-4A		6061408-04	Nonpotable Water	06/14/16 10:30	06/14/16 17:05
H-1A		6061408-05	Nonpotable Water	06/14/16 11:50	06/14/16 17:05
H-6		6061408-06	Nonpotable Water	06/14/16 13:30	06/14/16 17:05
MW-3		6061408-07	Nonpotable Water	06/14/16 15:00	06/14/16 17:05



Will Brewington, Staff Chemist

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.

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 10:41

LOT 4 WELL

6061408-01 (Nonpotable Water)

Sample Date: 06/13/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	06/16/16	06/16/16 14:44	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/16/16	06/16/16 14:44	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
Benzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
Bromoform	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
Bromomethane	ND		ug/L	5.0	5.0	1	06/16/16	06/16/16 14:44	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/16/16	06/16/16 14:44	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/16/16	06/16/16 14:44	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
Chloroethane	ND		ug/L	5.0	5.0	1	06/16/16	06/16/16 14:44	WB
Chloroform	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
Chloromethane	ND		ug/L	5.0	5.0	1	06/16/16	06/16/16 14:44	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB

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, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 10:41

LOT 4 WELL

6061408-01 (Nonpotable Water)

Sample Date: 06/13/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	06/16/16	06/16/16 14:44	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/16/16	06/16/16 14:44	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	06/16/16	06/16/16 14:44	WB
Naphthalene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
Styrene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
Toluene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB

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, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 10:41

LOT 4 WELL

6061408-01 (Nonpotable Water)

Sample Date: 06/13/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
o-Xylene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 14:44	WB
Surrogate: 1,2-Dichloroethane-d4		75-120		100 %	06/16/16		06/16/16 14:44		
Surrogate: Toluene-d8		84-110		100 %	06/16/16		06/16/16 14:44		
Surrogate: 4-Bromofluorobenzene		78-110		99 %	06/16/16		06/16/16 14:44		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0056	0.0056	1	06/21/16	06/21/16 15:11	CMK



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 10:41

SENTINEL WELL

6061408-02 (Nonpotable Water)

Sample Date: 06/13/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	06/16/16	06/16/16 15:14	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/16/16	06/16/16 15:14	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
Benzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
Bromoform	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
Bromomethane	ND		ug/L	5.0	5.0	1	06/16/16	06/16/16 15:14	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/16/16	06/16/16 15:14	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/16/16	06/16/16 15:14	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
Chloroethane	ND		ug/L	5.0	5.0	1	06/16/16	06/16/16 15:14	WB
Chloroform	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
Chloromethane	ND		ug/L	5.0	5.0	1	06/16/16	06/16/16 15:14	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 10:41

SENTINEL WELL

6061408-02 (Nonpotable Water)

Sample Date: 06/13/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	06/16/16	06/16/16 15:14	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/16/16	06/16/16 15:14	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	06/16/16	06/16/16 15:14	WB
Naphthalene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
Styrene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
Toluene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 10:41

SENTINEL WELL

6061408-02 (Nonpotable Water)

Sample Date: 06/13/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
o-Xylene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:14	WB
Surrogate: 1,2-Dichloroethane-d4		75-120		98 %	06/16/16		06/16/16 15:14		
Surrogate: Toluene-d8		84-110		97 %	06/16/16		06/16/16 15:14		
Surrogate: 4-Bromofluorobenzene		78-110		97 %	06/16/16		06/16/16 15:14		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0056	0.0056	1	06/21/16	06/21/16 15:27	CMK

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 10:41

H-3

6061408-03 (Nonpotable Water)

Sample Date: 06/13/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	06/16/16	06/16/16 15:45	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/16/16	06/16/16 15:45	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
Benzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
Bromoform	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
Bromomethane	ND		ug/L	5.0	5.0	1	06/16/16	06/16/16 15:45	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/16/16	06/16/16 15:45	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/16/16	06/16/16 15:45	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
Chloroethane	ND		ug/L	5.0	5.0	1	06/16/16	06/16/16 15:45	WB
Chloroform	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
Chloromethane	ND		ug/L	5.0	5.0	1	06/16/16	06/16/16 15:45	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 10:41

H-3

6061408-03 (Nonpotable Water)

Sample Date: 06/13/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	06/16/16	06/16/16 15:45	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/16/16	06/16/16 15:45	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	06/16/16	06/16/16 15:45	WB
Naphthalene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
Styrene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
Toluene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 10:41

H-3

6061408-03 (Nonpotable Water)

Sample Date: 06/13/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
o-Xylene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 15:45	WB
Surrogate: 1,2-Dichloroethane-d4		75-120		97 %	06/16/16		06/16/16 15:45		
Surrogate: Toluene-d8		84-110		100 %	06/16/16		06/16/16 15:45		
Surrogate: 4-Bromofluorobenzene		78-110		98 %	06/16/16		06/16/16 15:45		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0055	0.0055	1	06/21/16	06/21/16 15:38	CMK

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, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 10:41

H-4A

6061408-04 (Nonpotable Water)

Sample Date: 06/14/16

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

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 10:41

H-4A

6061408-04 (Nonpotable Water)

Sample Date: 06/14/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 16:16	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 16:16	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 16:16	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 16:16	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 16:16	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 16:16	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 16:16	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 16:16	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 16:16	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 16:16	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 16:16	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 16:16	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	06/16/16	06/16/16 16:16	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 16:16	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 16:16	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 16:16	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/16/16	06/16/16 16:16	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	06/16/16	06/16/16 16:16	WB
Naphthalene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 16:16	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 16:16	WB
Styrene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 16:16	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 16:16	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 16:16	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 16:16	WB
Toluene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 16:16	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 16:16	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 16:16	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 16:16	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 16:16	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 16:16	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 16:16	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 16:16	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 16:16	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 16:16	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 10:41

H-4A

6061408-04 (Nonpotable Water)

Sample Date: 06/14/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 16:16	WB
o-Xylene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 16:16	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 16:16	WB
Surrogate: 1,2-Dichloroethane-d4			75-120	101 %	06/16/16		06/16/16 16:16		
Surrogate: Toluene-d8			84-110	88 %	06/16/16		06/16/16 16:16		
Surrogate: 4-Bromofluorobenzene			78-110	100 %	06/16/16		06/16/16 16:16		

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 10:41

H-1A

6061408-05 (Nonpotable Water)

Sample Date: 06/14/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0062	0.0062	1	06/21/16	06/21/16 15:50	CMK



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 10:41

H-1A

6061408-05RE1 (Nonpotable Water)

Sample Date: 06/14/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	06/17/16	06/17/16 13:21	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/17/16	06/17/16 13:21	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
Benzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
Bromoform	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
Bromomethane	ND		ug/L	5.0	5.0	1	06/17/16	06/17/16 13:21	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/17/16	06/17/16 13:21	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/17/16	06/17/16 13:21	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
Chloroethane	ND		ug/L	5.0	5.0	1	06/17/16	06/17/16 13:21	WB
Chloroform	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
Chloromethane	ND		ug/L	5.0	5.0	1	06/17/16	06/17/16 13:21	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 10:41

H-1A

6061408-05RE1 (Nonpotable Water)

Sample Date: 06/14/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	06/17/16	06/17/16 13:21	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/17/16	06/17/16 13:21	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	06/17/16	06/17/16 13:21	WB
Naphthalene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
Styrene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
Toluene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 10:41

H-1A

6061408-05RE1 (Nonpotable Water)

Sample Date: 06/14/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
o-Xylene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 13:21	WB
Surrogate: 1,2-Dichloroethane-d4			75-120	97 %	06/17/16		06/17/16 13:21		
Surrogate: Toluene-d8			84-110	100 %	06/17/16		06/17/16 13:21		
Surrogate: 4-Bromofluorobenzene			78-110	98 %	06/17/16		06/17/16 13:21		

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 10:41

H-6

6061408-06 (Nonpotable Water)

Sample Date: 06/14/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	06/16/16	06/16/16 17:36	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/16/16	06/16/16 17:36	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
Benzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
Bromoform	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
Bromomethane	ND		ug/L	5.0	5.0	1	06/16/16	06/16/16 17:36	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/16/16	06/16/16 17:36	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/16/16	06/16/16 17:36	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
sec-Butylbenzene	2.1	J	ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
Chloroethane	ND		ug/L	5.0	5.0	1	06/16/16	06/16/16 17:36	WB
Chloroform	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
Chloromethane	ND		ug/L	5.0	5.0	1	06/16/16	06/16/16 17:36	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 10:41

H-6

6061408-06 (Nonpotable Water)

Sample Date: 06/14/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	06/16/16	06/16/16 17:36	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
Methyl tert-butyl ether (MTBE)	3.9	J	ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/16/16	06/16/16 17:36	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	06/16/16	06/16/16 17:36	WB
Naphthalene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
Styrene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
Toluene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 10:41

H-6

6061408-06 (Nonpotable Water)

Sample Date: 06/14/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
o-Xylene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 17:36	WB
Surrogate: 1,2-Dichloroethane-d4		75-120		98 %	06/16/16		06/16/16 17:36		
Surrogate: Toluene-d8		84-110		100 %	06/16/16		06/16/16 17:36		
Surrogate: 4-Bromofluorobenzene		78-110		98 %	06/16/16		06/16/16 17:36		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	0.601		mg/L	0.0062	0.0062	1	06/21/16	06/21/16 16:03	CMK



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348
Project Manager: Nancy Love

Reported:
06/22/16 10:41

MW-3

6061408-07 (Nonpotable Water)

Sample Date: 06/14/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	06/16/16	06/16/16 18:07	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/16/16	06/16/16 18:07	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
Benzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
Bromoform	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
Bromomethane	ND		ug/L	5.0	5.0	1	06/16/16	06/16/16 18:07	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/16/16	06/16/16 18:07	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/16/16	06/16/16 18:07	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
Chloroethane	ND		ug/L	5.0	5.0	1	06/16/16	06/16/16 18:07	WB
Chloroform	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
Chloromethane	ND		ug/L	5.0	5.0	1	06/16/16	06/16/16 18:07	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 10:41

MW-3

6061408-07 (Nonpotable Water)

Sample Date: 06/14/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	06/16/16	06/16/16 18:07	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/16/16	06/16/16 18:07	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	06/16/16	06/16/16 18:07	WB
Naphthalene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
Styrene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
Toluene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 10:41

MW-3

6061408-07 (Nonpotable Water)

Sample Date: 06/14/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
o-Xylene	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	06/16/16	06/16/16 18:07	WB
Surrogate: 1,2-Dichloroethane-d4		75-120		100 %	06/16/16		06/16/16 18:07		
Surrogate: Toluene-d8		84-110		101 %	06/16/16		06/16/16 18:07		
Surrogate: 4-Bromofluorobenzene		78-110		99 %	06/16/16		06/16/16 18:07		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0061	0.0061	1	06/21/16	06/21/16 16:27	CMK



Will Brewington, Staff Chemist

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Analytical Results

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

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 10:41

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



Will Brewington, Staff Chemist

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.

22 June 2016

Nancy Love
Chesapeake GeoSciences, Inc.
5405 Twin Knolls Rd, Suite I
Columbia, MD 21045
RE: LITTLE GEORGE'S DELI (8-1564CL)

Enclosed are the results of analyses for samples received by the laboratory on 06/16/16 17:35.

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

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

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

Sincerely,



Will Brewington
Staff Chemist

Analytical Results

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

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 11:07

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-5		6061605-01	Nonpotable Water	06/15/16 10:30	06/16/16 17:35
MW-2		6061605-02	Nonpotable Water	06/15/16 12:00	06/16/16 17:35
FB		6061605-03	Nonpotable Water	06/15/16 12:15	06/16/16 17:35
MW-1		6061605-04	Nonpotable Water	06/15/16 13:50	06/16/16 17:35
MW-1A		6061605-05	Nonpotable Water	06/15/16 15:05	06/16/16 17:35
GAC-EFF		6061605-06	Nonpotable Water	06/15/16 15:40	06/16/16 17:35
MW-7R		6061605-07	Nonpotable Water	06/16/16 11:00	06/16/16 17:35
MW-7B		6061605-08	Nonpotable Water	06/16/16 12:30	06/16/16 17:35
MW-7A		6061605-09	Nonpotable Water	06/16/16 13:50	06/16/16 17:35
LOT 7 WELL		6061605-10	Nonpotable Water	06/16/16 15:05	06/16/16 17:35
GDG-DUPE		6061605-11	Nonpotable Water	06/16/16 00:00	06/16/16 17:35



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 11:07

MW-5

6061605-01 (Nonpotable Water)

Sample Date: 06/15/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0058	0.0058	1	06/21/16	06/21/16 16:45	CMK



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 11:07

MW-5

6061605-01RE1 (Nonpotable Water)

Sample Date: 06/15/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	06/21/16	06/21/16 16:08	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/21/16	06/21/16 16:08	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
Benzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
Bromoform	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
Bromomethane	ND		ug/L	5.0	5.0	1	06/21/16	06/21/16 16:08	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/21/16	06/21/16 16:08	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/21/16	06/21/16 16:08	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
Chloroethane	ND		ug/L	5.0	5.0	1	06/21/16	06/21/16 16:08	WB
Chloroform	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
Chloromethane	ND		ug/L	5.0	5.0	1	06/21/16	06/21/16 16:08	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 11:07

MW-5

6061605-01RE1 (Nonpotable Water)

Sample Date: 06/15/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	06/21/16	06/21/16 16:08	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/21/16	06/21/16 16:08	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	06/21/16	06/21/16 16:08	WB
Naphthalene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
Styrene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
Toluene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 11:07

MW-5

6061605-01RE1 (Nonpotable Water)

Sample Date: 06/15/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
o-Xylene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:08	WB
Surrogate: 1,2-Dichloroethane-d4			75-120	84 %	06/21/16		06/21/16 16:08		
Surrogate: Toluene-d8			84-110	98 %	06/21/16		06/21/16 16:08		
Surrogate: 4-Bromofluorobenzene			78-110	93 %	06/21/16		06/21/16 16:08		



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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 11:07

MW-2

6061605-02 (Nonpotable Water)

Sample Date: 06/15/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	06/17/16	06/17/16 14:22	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/17/16	06/17/16 14:22	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
Benzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
Bromoform	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
Bromomethane	ND		ug/L	5.0	5.0	1	06/17/16	06/17/16 14:22	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/17/16	06/17/16 14:22	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/17/16	06/17/16 14:22	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
Chloroethane	ND		ug/L	5.0	5.0	1	06/17/16	06/17/16 14:22	WB
Chloroform	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
Chloromethane	ND		ug/L	5.0	5.0	1	06/17/16	06/17/16 14:22	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 11:07

MW-2

6061605-02 (Nonpotable Water)

Sample Date: 06/15/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	06/17/16	06/17/16 14:22	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
Methyl tert-butyl ether (MTBE)	56.3		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/17/16	06/17/16 14:22	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	06/17/16	06/17/16 14:22	WB
Naphthalene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
Styrene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
Toluene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 11:07

MW-2

6061605-02 (Nonpotable Water)

Sample Date: 06/15/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
o-Xylene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:22	WB
Surrogate: 1,2-Dichloroethane-d4		75-120		99 %	06/17/16		06/17/16 14:22		
Surrogate: Toluene-d8		84-110		100 %	06/17/16		06/17/16 14:22		
Surrogate: 4-Bromofluorobenzene		78-110		97 %	06/17/16		06/17/16 14:22		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0057	0.0057	1	06/21/16	06/21/16 17:01	CMK



Will Brewington, Staff Chemist

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.

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348
Project Manager: Nancy Love

Reported:
06/22/16 11:07

FB

6061605-03 (Nonpotable Water)

Sample Date: 06/15/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	06/17/16	06/17/16 14:53	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/17/16	06/17/16 14:53	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
Benzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
Bromoform	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
Bromomethane	ND		ug/L	5.0	5.0	1	06/17/16	06/17/16 14:53	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/17/16	06/17/16 14:53	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/17/16	06/17/16 14:53	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
Chloroethane	ND		ug/L	5.0	5.0	1	06/17/16	06/17/16 14:53	WB
Chloroform	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
Chloromethane	ND		ug/L	5.0	5.0	1	06/17/16	06/17/16 14:53	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 11:07

FB

6061605-03 (Nonpotable Water)

Sample Date: 06/15/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	06/17/16	06/17/16 14:53	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/17/16	06/17/16 14:53	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	06/17/16	06/17/16 14:53	WB
Naphthalene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
Styrene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
Toluene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 11:07

FB

6061605-03 (Nonpotable Water)

Sample Date: 06/15/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
o-Xylene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 14:53	WB
Surrogate: 1,2-Dichloroethane-d4			75-120	100 %	06/17/16		06/17/16 14:53		
Surrogate: Toluene-d8			84-110	107 %	06/17/16		06/17/16 14:53		
Surrogate: 4-Bromofluorobenzene			78-110	96 %	06/17/16		06/17/16 14:53		



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 11:07

MW-1

6061605-04 (Nonpotable Water)

Sample Date: 06/15/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0053	0.0053	1	06/21/16	06/21/16 17:09	CMK



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 11:07

MW-1

6061605-04RE1 (Nonpotable Water)

Sample Date: 06/15/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	06/21/16	06/21/16 16:39	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/21/16	06/21/16 16:39	WB
tert-Amyl methyl ether (TAME)	5.5		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
Benzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
Bromoform	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
Bromomethane	ND		ug/L	5.0	5.0	1	06/21/16	06/21/16 16:39	WB
tert-Butanol (TBA)	27.6		ug/L	15.0	15.0	1	06/21/16	06/21/16 16:39	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/21/16	06/21/16 16:39	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
Chloroethane	ND		ug/L	5.0	5.0	1	06/21/16	06/21/16 16:39	WB
Chloroform	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
Chloromethane	ND		ug/L	5.0	5.0	1	06/21/16	06/21/16 16:39	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 11:07

MW-1

6061605-04RE1 (Nonpotable Water)

Sample Date: 06/15/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	06/21/16	06/21/16 16:39	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
Methyl tert-butyl ether (MTBE)	122		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/21/16	06/21/16 16:39	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	06/21/16	06/21/16 16:39	WB
Naphthalene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
Styrene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
Toluene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 11:07

MW-1

6061605-04RE1 (Nonpotable Water)

Sample Date: 06/15/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
o-Xylene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 16:39	WB
Surrogate: 1,2-Dichloroethane-d4			75-120	86 %	06/21/16		06/21/16 16:39		
Surrogate: Toluene-d8			84-110	99 %	06/21/16		06/21/16 16:39		
Surrogate: 4-Bromofluorobenzene			78-110	95 %	06/21/16		06/21/16 16:39		



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 11:07

MW-1A

6061605-05 (Nonpotable Water)

Sample Date: 06/15/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0062	0.0062	1	06/21/16	06/21/16 17:18	CMK



Will Brewington, Staff Chemist

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.

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 11:07

MW-1A

6061605-05RE1 (Nonpotable Water)

Sample Date: 06/15/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	40.0	40.0	4	06/21/16	06/21/16 17:11	WB
tert-Amyl alcohol (TAA)	ND		ug/L	80.0	80.0	4	06/21/16	06/21/16 17:11	WB
tert-Amyl methyl ether (TAME)	19.6	J	ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
Benzene	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
Bromobenzene	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
Bromochloromethane	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
Bromodichloromethane	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
Bromoform	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
Bromomethane	ND		ug/L	20.0	20.0	4	06/21/16	06/21/16 17:11	WB
tert-Butanol (TBA)	168		ug/L	60.0	60.0	4	06/21/16	06/21/16 17:11	WB
2-Butanone (MEK)	ND		ug/L	40.0	40.0	4	06/21/16	06/21/16 17:11	WB
n-Butylbenzene	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
sec-Butylbenzene	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
tert-Butylbenzene	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
Carbon disulfide	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
Carbon tetrachloride	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
Chlorobenzene	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
Chloroethane	ND		ug/L	20.0	20.0	4	06/21/16	06/21/16 17:11	WB
Chloroform	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
Chloromethane	ND		ug/L	20.0	20.0	4	06/21/16	06/21/16 17:11	WB
2-Chlorotoluene	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
4-Chlorotoluene	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
Dibromochloromethane	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
1,2-Dibromoethane (EDB)	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
Dibromomethane	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
1,2-Dichlorobenzene	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
1,3-Dichlorobenzene	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
1,4-Dichlorobenzene	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
Dichlorodifluoromethane	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
1,1-Dichloroethane	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
1,2-Dichloroethane	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
1,1-Dichloroethene	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
cis-1,2-Dichloroethene	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 11:07

MW-1A

6061605-05RE1 (Nonpotable Water)

Sample Date: 06/15/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
Dichlorofluoromethane	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
1,2-Dichloropropane	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
1,3-Dichloropropane	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
2,2-Dichloropropane	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
1,1-Dichloropropene	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
cis-1,3-Dichloropropene	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
trans-1,3-Dichloropropene	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
Diisopropyl ether (DIPE)	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
Ethylbenzene	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
Hexachlorobutadiene	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
2-Hexanone	ND		ug/L	40.0	40.0	4	06/21/16	06/21/16 17:11	WB
Isopropylbenzene (Cumene)	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
4-Isopropyltoluene	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
Methyl tert-butyl ether (MTBE)	390		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
4-Methyl-2-pentanone	ND		ug/L	40.0	40.0	4	06/21/16	06/21/16 17:11	WB
Methylene chloride	ND		ug/L	40.0	40.0	4	06/21/16	06/21/16 17:11	WB
Naphthalene	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
n-Propylbenzene	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
Styrene	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
Tetrachloroethene	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
Toluene	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
1,2,3-Trichlorobenzene	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
1,2,4-Trichlorobenzene	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
1,1,1-Trichloroethane	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
1,1,2-Trichloroethane	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
Trichloroethene	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
1,2,3-Trichloropropane	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
1,2,4-Trimethylbenzene	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
1,3,5-Trimethylbenzene	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 11:07

MW-1A

6061605-05RE1 (Nonpotable Water)

Sample Date: 06/15/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
o-Xylene	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
m- & p-Xylenes	ND		ug/L	20.0	8.0	4	06/21/16	06/21/16 17:11	WB
Surrogate: 1,2-Dichloroethane-d4			75-120	84 %	06/21/16		06/21/16 17:11		
Surrogate: Toluene-d8			84-110	99 %	06/21/16		06/21/16 17:11		
Surrogate: 4-Bromofluorobenzene			78-110	94 %	06/21/16		06/21/16 17:11		

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 11:07

GAC-EFF

6061605-06 (Nonpotable Water)

Sample Date: 06/15/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	06/17/16	06/17/16 16:25	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/17/16	06/17/16 16:25	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
Benzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
Bromoform	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
Bromomethane	ND		ug/L	5.0	5.0	1	06/17/16	06/17/16 16:25	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/17/16	06/17/16 16:25	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/17/16	06/17/16 16:25	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
Chloroethane	ND		ug/L	5.0	5.0	1	06/17/16	06/17/16 16:25	WB
Chloroform	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
Chloromethane	ND		ug/L	5.0	5.0	1	06/17/16	06/17/16 16:25	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 11:07

GAC-EFF

6061605-06 (Nonpotable Water)

Sample Date: 06/15/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	06/17/16	06/17/16 16:25	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/17/16	06/17/16 16:25	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	06/17/16	06/17/16 16:25	WB
Naphthalene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
Styrene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
Toluene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 11:07

GAC-EFF

6061605-06 (Nonpotable Water)

Sample Date: 06/15/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
o-Xylene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:25	WB
<i>Surrogate: 1,2-Dichloroethane-d4</i>			75-120	98 %	06/17/16		06/17/16 16:25		
<i>Surrogate: Toluene-d8</i>			84-110	100 %	06/17/16		06/17/16 16:25		
<i>Surrogate: 4-Bromofluorobenzene</i>			78-110	97 %	06/17/16		06/17/16 16:25		
GASOLINE RANGE ORGANICS BY EPA 8015B									
Gasoline-Range Organics	ND		ug/L	100	100	1	06/17/16	06/17/16 16:15	GM
<i>Surrogate: a,a,a-Trifluorotoluene</i>			85-115	100 %	06/17/16		06/17/16 16:15		



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 11:07

MW-7R

6061605-07 (Nonpotable Water)

Sample Date: 06/16/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	06/17/16	06/17/16 16:55	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/17/16	06/17/16 16:55	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
Benzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
Bromoform	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
Bromomethane	ND		ug/L	5.0	5.0	1	06/17/16	06/17/16 16:55	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/17/16	06/17/16 16:55	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/17/16	06/17/16 16:55	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
Chloroethane	ND		ug/L	5.0	5.0	1	06/17/16	06/17/16 16:55	WB
Chloroform	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
Chloromethane	ND		ug/L	5.0	5.0	1	06/17/16	06/17/16 16:55	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 11:07

MW-7R

6061605-07 (Nonpotable Water)

Sample Date: 06/16/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	06/17/16	06/17/16 16:55	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
Methyl tert-butyl ether (MTBE)	17.4		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/17/16	06/17/16 16:55	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	06/17/16	06/17/16 16:55	WB
Naphthalene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
Styrene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
Toluene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 11:07

MW-7R

6061605-07 (Nonpotable Water)

Sample Date: 06/16/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
o-Xylene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 16:55	WB
Surrogate: 1,2-Dichloroethane-d4		75-120		97 %	06/17/16		06/17/16 16:55		
Surrogate: Toluene-d8		84-110		100 %	06/17/16		06/17/16 16:55		
Surrogate: 4-Bromofluorobenzene		78-110		97 %	06/17/16		06/17/16 16:55		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0065	0.0065	1	06/21/16	06/21/16 17:32	CMK



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 11:07

MW-7B

6061605-08 (Nonpotable Water)

Sample Date: 06/16/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	06/17/16	06/17/16 17:26	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/17/16	06/17/16 17:26	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
Benzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
Bromoform	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
Bromomethane	ND		ug/L	5.0	5.0	1	06/17/16	06/17/16 17:26	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/17/16	06/17/16 17:26	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/17/16	06/17/16 17:26	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
Chloroethane	ND		ug/L	5.0	5.0	1	06/17/16	06/17/16 17:26	WB
Chloroform	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
Chloromethane	ND		ug/L	5.0	5.0	1	06/17/16	06/17/16 17:26	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 11:07

MW-7B

6061605-08 (Nonpotable Water)

Sample Date: 06/16/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	06/17/16	06/17/16 17:26	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/17/16	06/17/16 17:26	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	06/17/16	06/17/16 17:26	WB
Naphthalene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
Styrene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
Toluene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 11:07

MW-7B

6061605-08 (Nonpotable Water)

Sample Date: 06/16/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
o-Xylene	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	06/17/16	06/17/16 17:26	WB
Surrogate: 1,2-Dichloroethane-d4		75-120		99 %	06/17/16		06/17/16 17:26		
Surrogate: Toluene-d8		84-110		99 %	06/17/16		06/17/16 17:26		
Surrogate: 4-Bromofluorobenzene		78-110		96 %	06/17/16		06/17/16 17:26		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0072	0.0072	1	06/21/16	06/21/16 17:41	CMK



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348
Project Manager: Nancy Love

Reported:
06/22/16 11:07

MW-7A

6061605-09 (Nonpotable Water)

Sample Date: 06/16/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	50.0	50.0	5	06/17/16	06/17/16 17:56	WB
tert-Amyl alcohol (TAA)	ND		ug/L	100	100	5	06/17/16	06/17/16 17:56	WB
tert-Amyl methyl ether (TAME)	38.3		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
Benzene	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
Bromobenzene	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
Bromochloromethane	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
Bromodichloromethane	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
Bromoform	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
Bromomethane	ND		ug/L	25.0	25.0	5	06/17/16	06/17/16 17:56	WB
tert-Butanol (TBA)	329		ug/L	75.0	75.0	5	06/17/16	06/17/16 17:56	WB
2-Butanone (MEK)	ND		ug/L	50.0	50.0	5	06/17/16	06/17/16 17:56	WB
n-Butylbenzene	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
sec-Butylbenzene	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
tert-Butylbenzene	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
Carbon disulfide	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
Carbon tetrachloride	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
Chlorobenzene	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
Chloroethane	ND		ug/L	25.0	25.0	5	06/17/16	06/17/16 17:56	WB
Chloroform	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
Chloromethane	ND		ug/L	25.0	25.0	5	06/17/16	06/17/16 17:56	WB
2-Chlorotoluene	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
4-Chlorotoluene	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
Dibromochloromethane	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
1,2-Dibromoethane (EDB)	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
Dibromomethane	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
1,2-Dichlorobenzene	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
1,3-Dichlorobenzene	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
1,4-Dichlorobenzene	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
Dichlorodifluoromethane	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
1,1-Dichloroethane	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
1,2-Dichloroethane	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
1,1-Dichloroethene	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
cis-1,2-Dichloroethene	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 11:07

MW-7A

6061605-09 (Nonpotable Water)

Sample Date: 06/16/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
Dichlorofluoromethane	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
1,2-Dichloropropane	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
1,3-Dichloropropane	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
2,2-Dichloropropane	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
1,1-Dichloropropene	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
cis-1,3-Dichloropropene	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
trans-1,3-Dichloropropene	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
Diisopropyl ether (DIPE)	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
Ethylbenzene	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
Hexachlorobutadiene	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
2-Hexanone	ND		ug/L	50.0	50.0	5	06/17/16	06/17/16 17:56	WB
Isopropylbenzene (Cumene)	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
4-Isopropyltoluene	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
Methyl tert-butyl ether (MTBE)	557		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
4-Methyl-2-pentanone	ND		ug/L	50.0	50.0	5	06/17/16	06/17/16 17:56	WB
Methylene chloride	ND		ug/L	50.0	50.0	5	06/17/16	06/17/16 17:56	WB
Naphthalene	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
n-Propylbenzene	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
Styrene	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
Tetrachloroethene	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
Toluene	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
1,2,3-Trichlorobenzene	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
1,2,4-Trichlorobenzene	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
1,1,1-Trichloroethane	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
1,1,2-Trichloroethane	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
Trichloroethene	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
1,2,3-Trichloropropane	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
1,2,4-Trimethylbenzene	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
1,3,5-Trimethylbenzene	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 11:07

MW-7A

6061605-09 (Nonpotable Water)

Sample Date: 06/16/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
o-Xylene	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
m- & p-Xylenes	ND		ug/L	25.0	10.0	5	06/17/16	06/17/16 17:56	WB
Surrogate: 1,2-Dichloroethane-d4		75-120		100 %	06/17/16		06/17/16 17:56		
Surrogate: Toluene-d8		84-110		99 %	06/17/16		06/17/16 17:56		
Surrogate: 4-Bromofluorobenzene		78-110		96 %	06/17/16		06/17/16 17:56		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0056	0.0056	1	06/21/16	06/21/16 17:50	CMK



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 11:07

LOT 7 WELL

6061605-10 (Nonpotable Water)

Sample Date: 06/16/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	200	200	20	06/21/16	06/21/16 15:04	WB
tert-Amyl alcohol (TAA)	ND		ug/L	400	400	20	06/21/16	06/21/16 15:04	WB
tert-Amyl methyl ether (TAME)	73.4	J	ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
Benzene	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
Bromobenzene	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
Bromochloromethane	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
Bromodichloromethane	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
Bromoform	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
Bromomethane	ND		ug/L	100	100	20	06/21/16	06/21/16 15:04	WB
tert-Butanol (TBA)	630		ug/L	300	300	20	06/21/16	06/21/16 15:04	WB
2-Butanone (MEK)	ND		ug/L	200	200	20	06/21/16	06/21/16 15:04	WB
n-Butylbenzene	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
sec-Butylbenzene	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
tert-Butylbenzene	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
Carbon disulfide	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
Carbon tetrachloride	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
Chlorobenzene	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
Chloroethane	ND		ug/L	100	100	20	06/21/16	06/21/16 15:04	WB
Chloroform	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
Chloromethane	ND		ug/L	100	100	20	06/21/16	06/21/16 15:04	WB
2-Chlorotoluene	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
4-Chlorotoluene	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
Dibromochloromethane	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
1,2-Dibromoethane (EDB)	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
Dibromomethane	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
1,2-Dichlorobenzene	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
1,3-Dichlorobenzene	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
1,4-Dichlorobenzene	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
Dichlorodifluoromethane	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
1,1-Dichloroethane	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
1,2-Dichloroethane	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
1,1-Dichloroethene	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
cis-1,2-Dichloroethene	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 11:07

LOT 7 WELL

6061605-10 (Nonpotable Water)

Sample Date: 06/16/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
Dichlorofluoromethane	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
1,2-Dichloropropane	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
1,3-Dichloropropane	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
2,2-Dichloropropane	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
1,1-Dichloropropene	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
cis-1,3-Dichloropropene	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
trans-1,3-Dichloropropene	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
Diisopropyl ether (DIPE)	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
Ethylbenzene	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
Hexachlorobutadiene	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
2-Hexanone	ND		ug/L	200	200	20	06/21/16	06/21/16 15:04	WB
Isopropylbenzene (Cumene)	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
4-Isopropyltoluene	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
Methyl tert-butyl ether (MTBE)	1400		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
4-Methyl-2-pentanone	ND		ug/L	200	200	20	06/21/16	06/21/16 15:04	WB
Methylene chloride	ND		ug/L	200	200	20	06/21/16	06/21/16 15:04	WB
Naphthalene	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
n-Propylbenzene	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
Styrene	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
Tetrachloroethene	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
Toluene	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
1,2,3-Trichlorobenzene	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
1,2,4-Trichlorobenzene	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
1,1,1-Trichloroethane	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
1,1,2-Trichloroethane	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
Trichloroethene	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
1,2,3-Trichloropropane	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
1,2,4-Trimethylbenzene	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
1,3,5-Trimethylbenzene	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 11:07

LOT 7 WELL

6061605-10 (Nonpotable Water)

Sample Date: 06/16/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
o-Xylene	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
m- & p-Xylenes	ND		ug/L	100	40.0	20	06/21/16	06/21/16 15:04	WB
Surrogate: 1,2-Dichloroethane-d4		75-120		83 %	06/21/16		06/21/16 15:04		
Surrogate: Toluene-d8		84-110		98 %	06/21/16		06/21/16 15:04		
Surrogate: 4-Bromofluorobenzene		78-110		93 %	06/21/16		06/21/16 15:04		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0058	0.0058	1	06/21/16	06/21/16 17:58	CMK



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 11:07

GDG-DUPE

6061605-11 (Nonpotable Water)

Sample Date: 06/16/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	50.0	50.0	5	06/21/16	06/21/16 15:36	WB
tert-Amyl alcohol (TAA)	ND		ug/L	100	100	5	06/21/16	06/21/16 15:36	WB
tert-Amyl methyl ether (TAME)	70.9		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
Benzene	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
Bromobenzene	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
Bromochloromethane	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
Bromodichloromethane	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
Bromoform	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
Bromomethane	ND		ug/L	25.0	25.0	5	06/21/16	06/21/16 15:36	WB
tert-Butanol (TBA)	719		ug/L	75.0	75.0	5	06/21/16	06/21/16 15:36	WB
2-Butanone (MEK)	ND		ug/L	50.0	50.0	5	06/21/16	06/21/16 15:36	WB
n-Butylbenzene	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
sec-Butylbenzene	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
tert-Butylbenzene	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
Carbon disulfide	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
Carbon tetrachloride	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
Chlorobenzene	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
Chloroethane	ND		ug/L	25.0	25.0	5	06/21/16	06/21/16 15:36	WB
Chloroform	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
Chloromethane	ND		ug/L	25.0	25.0	5	06/21/16	06/21/16 15:36	WB
2-Chlorotoluene	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
4-Chlorotoluene	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
Dibromochloromethane	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
1,2-Dibromoethane (EDB)	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
Dibromomethane	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
1,2-Dichlorobenzene	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
1,3-Dichlorobenzene	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
1,4-Dichlorobenzene	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
Dichlorodifluoromethane	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
1,1-Dichloroethane	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
1,2-Dichloroethane	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
1,1-Dichloroethene	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
cis-1,2-Dichloroethene	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 11:07

GDG-DUPE

6061605-11 (Nonpotable Water)

Sample Date: 06/16/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
Dichlorofluoromethane	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
1,2-Dichloropropane	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
1,3-Dichloropropane	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
2,2-Dichloropropane	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
1,1-Dichloropropene	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
cis-1,3-Dichloropropene	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
trans-1,3-Dichloropropene	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
Diisopropyl ether (DIPE)	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
Ethylbenzene	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
Hexachlorobutadiene	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
2-Hexanone	ND		ug/L	50.0	50.0	5	06/21/16	06/21/16 15:36	WB
Isopropylbenzene (Cumene)	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
4-Isopropyltoluene	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
Methyl tert-butyl ether (MTBE)	1430	E	ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
4-Methyl-2-pentanone	ND		ug/L	50.0	50.0	5	06/21/16	06/21/16 15:36	WB
Methylene chloride	ND		ug/L	50.0	50.0	5	06/21/16	06/21/16 15:36	WB
Naphthalene	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
n-Propylbenzene	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
Styrene	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
Tetrachloroethene	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
Toluene	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
1,2,3-Trichlorobenzene	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
1,2,4-Trichlorobenzene	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
1,1,1-Trichloroethane	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
1,1,2-Trichloroethane	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
Trichloroethene	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
1,2,3-Trichloropropane	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
1,2,4-Trimethylbenzene	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
1,3,5-Trimethylbenzene	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 11:07

GDG-DUPE

6061605-11 (Nonpotable Water)

Sample Date: 06/16/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
o-Xylene	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
m- & p-Xylenes	ND		ug/L	25.0	10.0	5	06/21/16	06/21/16 15:36	WB
Surrogate: 1,2-Dichloroethane-d4		75-120		84 %	06/21/16		06/21/16 15:36		
Surrogate: Toluene-d8		84-110		100 %	06/21/16		06/21/16 15:36		
Surrogate: 4-Bromofluorobenzene		78-110		93 %	06/21/16		06/21/16 15:36		
DISSOLVED GASES BY RSK-175 / EPA SM6211B/EPA8015M (HEADSPACE/GC/FID)									
Methane	ND		mg/L	0.0065	0.0065	1	06/21/16	06/21/16 18:05	CMK



Will Brewington, Staff Chemist

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Analytical Results

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

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/22/16 11:07

Notes and Definitions

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



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Will Brewington, Staff Chemist

27 June 2016

Nancy Love
Chesapeake GeoSciences, Inc.
5405 Twin Knolls Rd, Suite I
Columbia, MD 21045
RE: LITTLE GEORGE'S DELI (8-1564CL)

Enclosed are the results of analyses for samples received by the laboratory on 06/17/16 14:10.

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

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

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

Sincerely,



Will Brewington
Staff Chemist

Analytical Results

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

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/27/16 14:28

Client Sample ID	Alternate Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TB		6061719-01	Nonpotable Water	06/13/16 07:40	06/17/16 14:10
MW-6		6061719-02	Nonpotable Water	06/17/16 12:00	06/17/16 14:10
MW-4		6061719-03	Nonpotable Water	06/17/16 12:35	06/17/16 14:10
2040-DW		6061719-04	Drinking Water	06/17/16 13:10	06/17/16 14:10
DW-FB		6061719-05	Drinking Water	06/17/16 13:05	06/17/16 14:10



Will Brewington, Staff Chemist

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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/27/16 14:28

TB

6061719-01 (Nonpotable Water)

Sample Date: 06/13/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	06/21/16	06/21/16 17:43	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/21/16	06/21/16 17:43	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
Benzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
Bromoform	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
Bromomethane	ND		ug/L	5.0	5.0	1	06/21/16	06/21/16 17:43	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/21/16	06/21/16 17:43	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/21/16	06/21/16 17:43	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
Chloroethane	ND		ug/L	5.0	5.0	1	06/21/16	06/21/16 17:43	WB
Chloroform	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
Chloromethane	ND		ug/L	5.0	5.0	1	06/21/16	06/21/16 17:43	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/27/16 14:28

TB

6061719-01 (Nonpotable Water)

Sample Date: 06/13/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	06/21/16	06/21/16 17:43	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/21/16	06/21/16 17:43	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	06/21/16	06/21/16 17:43	WB
Naphthalene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
Styrene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
Toluene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/27/16 14:28

TB

6061719-01 (Nonpotable Water)

Sample Date: 06/13/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
o-Xylene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 17:43	WB
Surrogate: 1,2-Dichloroethane-d4			75-120	84 %	06/21/16		06/21/16 17:43		
Surrogate: Toluene-d8			84-110	99 %	06/21/16		06/21/16 17:43		
Surrogate: 4-Bromofluorobenzene			78-110	91 %	06/21/16		06/21/16 17:43		

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, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/27/16 14:28

MW-6

6061719-02 (Nonpotable Water)

Sample Date: 06/17/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	06/21/16	06/21/16 18:14	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/21/16	06/21/16 18:14	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
Benzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
Bromoform	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
Bromomethane	ND		ug/L	5.0	5.0	1	06/21/16	06/21/16 18:14	WB
tert-Butanol (TBA)	ND		ug/L	15.0	15.0	1	06/21/16	06/21/16 18:14	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/21/16	06/21/16 18:14	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
Chloroethane	ND		ug/L	5.0	5.0	1	06/21/16	06/21/16 18:14	WB
Chloroform	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
Chloromethane	ND		ug/L	5.0	5.0	1	06/21/16	06/21/16 18:14	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/27/16 14:28

MW-6

6061719-02 (Nonpotable Water)

Sample Date: 06/17/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	06/21/16	06/21/16 18:14	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/21/16	06/21/16 18:14	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	06/21/16	06/21/16 18:14	WB
Naphthalene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
Styrene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
Toluene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/27/16 14:28

MW-6

6061719-02 (Nonpotable Water)

Sample Date: 06/17/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
o-Xylene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:14	WB
Surrogate: 1,2-Dichloroethane-d4			75-120	83 %	06/21/16		06/21/16 18:14		
Surrogate: Toluene-d8			84-110	98 %	06/21/16		06/21/16 18:14		
Surrogate: 4-Bromofluorobenzene			78-110	91 %	06/21/16		06/21/16 18:14		



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Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/27/16 14:28

MW-4

6061719-03 (Nonpotable Water)

Sample Date: 06/17/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS)									
Acetone	ND		ug/L	10.0	10.0	1	06/21/16	06/21/16 18:46	WB
tert-Amyl alcohol (TAA)	ND		ug/L	20.0	20.0	1	06/21/16	06/21/16 18:46	WB
tert-Amyl methyl ether (TAME)	16.2		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
Benzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
Bromobenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
Bromochloromethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
Bromodichloromethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
Bromoform	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
Bromomethane	ND		ug/L	5.0	5.0	1	06/21/16	06/21/16 18:46	WB
tert-Butanol (TBA)	66.6		ug/L	15.0	15.0	1	06/21/16	06/21/16 18:46	WB
2-Butanone (MEK)	ND		ug/L	10.0	10.0	1	06/21/16	06/21/16 18:46	WB
n-Butylbenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
sec-Butylbenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
tert-Butylbenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
Carbon disulfide	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
Carbon tetrachloride	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
Chlorobenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
Chloroethane	ND		ug/L	5.0	5.0	1	06/21/16	06/21/16 18:46	WB
Chloroform	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
Chloromethane	ND		ug/L	5.0	5.0	1	06/21/16	06/21/16 18:46	WB
2-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
4-Chlorotoluene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
Dibromochloromethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
1,2-Dibromoethane (EDB)	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
Dibromomethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
1,2-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
1,3-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
1,4-Dichlorobenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
Dichlorodifluoromethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
1,1-Dichloroethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
1,2-Dichloroethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
1,1-Dichloroethene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
cis-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/27/16 14:28

MW-4

6061719-03 (Nonpotable Water)

Sample Date: 06/17/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
trans-1,2-Dichloroethene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
Dichlorofluoromethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
1,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
1,3-Dichloropropane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
2,2-Dichloropropane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
1,1-Dichloropropene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
cis-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
trans-1,3-Dichloropropene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
Diisopropyl ether (DIPE)	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
Ethylbenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
Hexachlorobutadiene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
2-Hexanone	ND		ug/L	10.0	10.0	1	06/21/16	06/21/16 18:46	WB
Isopropylbenzene (Cumene)	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
4-Isopropyltoluene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
Methyl tert-butyl ether (MTBE)	316	K	ug/L	10.0	4.0	2	06/21/16	06/22/16 11:50	WB
4-Methyl-2-pentanone	ND		ug/L	10.0	10.0	1	06/21/16	06/21/16 18:46	WB
Methylene chloride	ND		ug/L	10.0	10.0	1	06/21/16	06/21/16 18:46	WB
Naphthalene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
n-Propylbenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
Styrene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
Tetrachloroethene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
Toluene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
1,1,1-Trichloroethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
1,1,2-Trichloroethane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
Trichloroethene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
1,2,3-Trichloropropane	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/27/16 14:28

MW-4

6061719-03 (Nonpotable Water)

Sample Date: 06/17/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)									
Vinyl chloride	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
o-Xylene	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
m- & p-Xylenes	ND		ug/L	5.0	2.0	1	06/21/16	06/21/16 18:46	WB
Surrogate: 1,2-Dichloroethane-d4				75-120	87 %		06/21/16	06/21/16 18:46	
Surrogate: Toluene-d8				84-110	98 %		06/21/16	06/21/16 18:46	
Surrogate: 4-Bromofluorobenzene				78-110	91 %		06/21/16	06/21/16 18:46	

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, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/27/16 14:28

2040-DW

6061719-04 (Drinking Water)

Sample Date: 06/17/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS)									
tert-Amyl alcohol (TAA)	ND		ug/L	10.0	10.0	1	06/20/16	06/20/16 14:01	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
Benzene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
Bromobenzene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
Bromochloromethane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
Bromodichloromethane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
Bromoform	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
Bromomethane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
tert-Butanol (TBA)	ND		ug/L	10.0	10.0	1	06/20/16	06/20/16 14:01	WB
n-Butylbenzene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
sec-Butylbenzene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
tert-Butylbenzene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
Carbon tetrachloride	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
Chlorobenzene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
Chloroethane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
Chloroform	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
Chloromethane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
2-Chlorotoluene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
4-Chlorotoluene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
Dibromochloromethane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
1,2-Dibromoethane (EDB)	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
Dibromomethane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
1,2-Dichlorobenzene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
1,3-Dichlorobenzene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
1,4-Dichlorobenzene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
Dichlorodifluoromethane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
1,1-Dichloroethane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
1,2-Dichloroethane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
1,1-Dichloroethene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
1,2-Dichloropropane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
1,3-Dichloropropane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB

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, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/27/16 14:28

2040-DW

6061719-04 (Drinking Water)

Sample Date: 06/17/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS) (continued)									
2,2-Dichloropropane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
1,1-Dichloropropene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
cis-1,3-Dichloropropene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
trans-1,3-Dichloropropene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
Diisopropyl ether (DIPE)	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
Ethylbenzene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
Hexachlorobutadiene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
Isopropylbenzene (Cumene)	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
4-Isopropyltoluene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
Methylene chloride	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
Naphthalene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
n-Propylbenzene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
Styrene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
Tetrachloroethene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
Toluene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
1,2,3-Trichlorobenzene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
1,1,1-Trichloroethane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
1,1,2-Trichloroethane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
Trichloroethene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
1,2,3-Trichloropropane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
1,2,4-Trimethylbenzene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
1,3,5-Trimethylbenzene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
Vinyl chloride	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
o-Xylene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
m- & p-Xylenes	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:01	WB
Surrogate: 4-Bromofluorobenzene		80-120		84 %	06/20/16		06/20/16 14:01		
Surrogate: 1,2-Dichlorobenzene-d4		80-120		108 %	06/20/16		06/20/16 14:01		

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, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/27/16 14:28

DW-FB

6061719-05 (Drinking Water)

Sample Date: 06/17/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS)									
tert-Amyl alcohol (TAA)	ND		ug/L	10.0	10.0	1	06/20/16	06/20/16 14:35	WB
tert-Amyl methyl ether (TAME)	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
Benzene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
Bromobenzene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
Bromochloromethane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
Bromodichloromethane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
Bromoform	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
Bromomethane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
tert-Butanol (TBA)	ND		ug/L	10.0	10.0	1	06/20/16	06/20/16 14:35	WB
n-Butylbenzene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
sec-Butylbenzene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
tert-Butylbenzene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
Carbon tetrachloride	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
Chlorobenzene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
Chloroethane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
Chloroform	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
Chloromethane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
2-Chlorotoluene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
4-Chlorotoluene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
Dibromochloromethane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
1,2-Dibromo-3-chloropropane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
1,2-Dibromoethane (EDB)	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
Dibromomethane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
1,2-Dichlorobenzene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
1,3-Dichlorobenzene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
1,4-Dichlorobenzene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
Dichlorodifluoromethane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
1,1-Dichloroethane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
1,2-Dichloroethane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
1,1-Dichloroethene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
cis-1,2-Dichloroethene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
trans-1,2-Dichloroethene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
1,2-Dichloropropane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
1,3-Dichloropropane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB

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Will Brewington, Staff Chemist

Analytical Results

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/27/16 14:28

DW-FB

6061719-05 (Drinking Water)

Sample Date: 06/17/16

Analyte	Result	Notes	Units	Reporting Limit (MRL)	Quantitation Limit (LOQ)	Dilution	Prepared	Analyzed	Analyst
VOLATILE ORGANICS BY EPA METHOD 524.2 (GC/MS) (continued)									
2,2-Dichloropropane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
1,1-Dichloropropene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
cis-1,3-Dichloropropene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
trans-1,3-Dichloropropene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
Diisopropyl ether (DIPE)	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
Ethylbenzene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
Hexachlorobutadiene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
Isopropylbenzene (Cumene)	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
4-Isopropyltoluene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
Methyl tert-butyl ether (MTBE)	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
Methylene chloride	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
Naphthalene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
n-Propylbenzene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
Styrene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
Tetrachloroethene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
Toluene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
1,2,3-Trichlorobenzene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
1,2,4-Trichlorobenzene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
1,1,1-Trichloroethane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
1,1,2-Trichloroethane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
Trichloroethene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
Trichlorofluoromethane (Freon 11)	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
1,2,3-Trichloropropane	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
1,2,4-Trimethylbenzene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
1,3,5-Trimethylbenzene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
Vinyl chloride	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
o-Xylene	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
m- & p-Xylenes	ND		ug/L	0.50	0.50	1	06/20/16	06/20/16 14:35	WB
Surrogate: 4-Bromofluorobenzene		80-120		85 %	06/20/16		06/20/16 14:35		
Surrogate: 1,2-Dichlorobenzene-d4		80-120		108 %	06/20/16		06/20/16 14:35		

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, Staff Chemist

Analytical Results

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

Project: LITTLE GEORGE'S DELI (8-1564CL)

Project Number: CG-08-0348

Project Manager: Nancy Love

Reported:

06/27/16 14:28

Notes and Definitions

K	Result taken from alternate analysis
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



Will Brewington, Staff Chemist

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.

ENVIRO-CHEM LABORATORIES, INC.



47 Loveton Circle, Suite K • Sparks, Maryland 21152

410-472-1112

FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 07/07/2016
REPORT NBR: 160707144415

LAB#: E045087-01

SAMPLE ID: Lot 4 Well

LOCATION:

DATE SAMPLED: 06/13/2016

TIME SAMPLED: 12:05PM

SAMPLER- M Staines, D Hobbs

DATE RECEIVED: 06/13/2016

TIME RECEIVED: 4:48PM

DELIVERED BY: D Hobbs

RECEIVED BY: Ginny Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	06/14/16 11:16	MAP	< 0.010 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	06/13/16 23:34	SES	8.1 mg/L		0.2
\$ Sulfate	EPA 300.0	06/13/16 23:34	SES	4.0 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 07/07/2016
REPORT NBR: 160707144415

LAB#: E045087-02

SAMPLE ID: Sentinel Well

LOCATION:

DATE SAMPLED: 06/13/2016

TIME SAMPLED: 1:50PM

SAMPLER- M Staines, D Hobbs

DATE RECEIVED: 06/13/2016

TIME RECEIVED: 4:48PM

DELIVERED BY: D Hobbs

RECEIVED BY: Ginny Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	06/14/16 11:22	MAP	< 0.010 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	06/13/16 23:50	SES	6.9 mg/L		0.2
\$ Sulfate	EPA 300.0	06/13/16 23:50	SES	< 1.0 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 07/07/2016
REPORT NBR: 160707144415

LAB#: E045087-03

SAMPLE ID: H-3

LOCATION:

DATE SAMPLED: 06/13/2016

TIME SAMPLED: 3:30PM

SAMPLER- M Staines, D Hobbs

DATE RECEIVED: 06/13/2016

TIME RECEIVED: 4:48PM

DELIVERED BY: D Hobbs

RECEIVED BY: Ginny Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	06/14/16 11:24	MAP	0.496 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	06/14/16 11:35	SES	12.6 mg/L		0.4
\$ Sulfate	EPA 300.0	06/14/16 00:06	SES	21.4 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 07/07/2016
REPORT NBR: 160707144415

LAB#: E045112-01

SAMPLE ID: H-1A

LOCATION:

DATE SAMPLED: 06/14/2016

TIME SAMPLED: 11:50AM

SAMPLER- M Staines, D Hobbs

DATE RECEIVED: 06/14/2016

TIME RECEIVED: 4:45PM

DELIVERED BY: D Hobbs

RECEIVED BY: Ginny Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	06/15/16 11:50	MAP	2.24 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	06/15/16 01:56	SES	3.0 mg/L		0.2
\$ Sulfate	EPA 300.0	06/15/16 01:56	SES	8.0 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 07/07/2016
REPORT NBR: 160707144415

LAB#: E045112-02

SAMPLE ID: H-G

LOCATION:

DATE SAMPLED: 06/14/2016

TIME SAMPLED: 1:30PM

SAMPLER- M Staines, D Hobbs

DATE RECEIVED: 06/14/2016

TIME RECEIVED: 4:45PM

DELIVERED BY: D Hobbs

RECEIVED BY: Ginny Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	06/15/16 11:55	MAP	7.06 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	06/15/16 02:12	SES	1.5 mg/L		0.2
\$ Sulfate	EPA 300.0	06/15/16 02:12	SES	2.4 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 07/07/2016
REPORT NBR: 160707144415

LAB#: E045112-03

SAMPLE ID: MW-3

LOCATION:

DATE SAMPLED: 06/14/2016

TIME SAMPLED: 3:00PM

SAMPLER- M Staines, D Hobbs

DATE RECEIVED: 06/14/2016

TIME RECEIVED: 4:45PM

DELIVERED BY: D Hobbs

RECEIVED BY: Ginny Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	06/15/16 11:57	MAP	0.311 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	06/15/16 02:59	SES	6.0 mg/L		0.2
\$ Sulfate	EPA 300.0	06/15/16 02:59	SES	51.5 mg/L	E	1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 07/07/2016
REPORT NBR: 160707144415

LAB#: E045136-01

SAMPLE ID: MW-5

LOCATION:

DATE SAMPLED: 06/15/2016

TIME SAMPLED: 10:30AM

SAMPLER- M. Staines, D Hobbs

DATE RECEIVED: 06/15/2016

TIME RECEIVED: 4:51PM

DELIVERED BY: D Hobbs

RECEIVED BY: Stephen Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	06/17/16 13:09	MAP	0.249 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	06/15/16 22:51	SES	6.2 mg/L		0.2
\$ Sulfate	EPA 300.0	06/15/16 22:51	SES	< 1.0 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 07/07/2016
REPORT NBR: 160707144415

LAB#: E045136-02

SAMPLE ID: MW-2

LOCATION:

DATE SAMPLED: 06/15/2016

TIME SAMPLED: 12:00PM

SAMPLER- M. Staines, D Hobbs

DATE RECEIVED: 06/15/2016

TIME RECEIVED: 4:51PM

DELIVERED BY: D Hobbs

RECEIVED BY: Stephen Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	06/17/16 13:14	MAP	1.05 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	06/16/16 16:56	SES	10.3 mg/L		2.0
\$ Sulfate	EPA 300.0	06/16/16 00:10	SES	14.0 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 07/07/2016
REPORT NBR: 160707144415

LAB#: E045136-03

SAMPLE ID: MW-1

LOCATION:

DATE SAMPLED: 06/15/2016

TIME SAMPLED: 1:50PM

SAMPLER- M. Staines, D Hobbs

DATE RECEIVED: 06/15/2016

TIME RECEIVED: 4:51PM

DELIVERED BY: D Hobbs

RECEIVED BY: Stephen Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	06/17/16 13:16	MAP	3.77 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	06/16/16 00:26	SES	6.1 mg/L		0.2
\$ Sulfate	EPA 300.0	06/16/16 00:26	SES	7.7 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 07/07/2016
REPORT NBR: 160707144415

LAB#: E045136-04

SAMPLE ID: MW-1A

LOCATION:

DATE SAMPLED: 06/15/2016

TIME SAMPLED: 3:05PM

SAMPLER- M. Staines, D Hobbs

DATE RECEIVED: 06/15/2016

TIME RECEIVED: 4:51PM

DELIVERED BY: D Hobbs

RECEIVED BY: Stephen Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	06/17/16 13:17	MAP	3.21 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	06/16/16 00:41	SES	5.4 mg/L		0.2
\$ Sulfate	EPA 300.0	06/16/16 00:41	SES	6.6 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 07/07/2016
REPORT NBR: 160707144415

LAB#: E045163-01

SAMPLE ID: MW-7R

LOCATION:

DATE SAMPLED: 06/16/2016

TIME SAMPLED: 11:00AM

SAMPLER- M Staines, D Hobbs

DATE RECEIVED: 06/16/2016

TIME RECEIVED: 4:46PM

DELIVERED BY: D Hobbs

RECEIVED BY: Ginny Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	06/17/16 13:19	MAP	0.354 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	06/17/16 03:11	SES	6.2 mg/L		0.2
\$ Sulfate	EPA 300.0	06/17/16 03:11	SES	30.2 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 07/07/2016
REPORT NBR: 160707144415

LAB#: E045163-02

SAMPLE ID: MW-7B

LOCATION:

DATE SAMPLED: 06/16/2016

TIME SAMPLED: 12:30PM

SAMPLER- M Staines, D Hobbs

DATE RECEIVED: 06/16/2016

TIME RECEIVED: 4:46PM

DELIVERED BY: D Hobbs

RECEIVED BY: Ginny Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	06/17/16 13:27	MAP	0.176 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	06/18/16 08:54	SES	10.9 mg/L		0.4
\$ Sulfate	EPA 300.0	06/17/16 03:27	SES	3.3 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 07/07/2016
REPORT NBR: 160707144415

LAB#: E045163-03

SAMPLE ID: MW-7A

LOCATION:

DATE SAMPLED: 06/16/2016

TIME SAMPLED: 1:50PM

SAMPLER- M Staines, D Hobbs

DATE RECEIVED: 06/16/2016

TIME RECEIVED: 4:46PM

DELIVERED BY: D Hobbs

RECEIVED BY: Ginny Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	06/17/16 13:29	MAP	0.064 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	06/17/16 09:01	SES	6.0 mg/L		0.2
\$ Sulfate	EPA 300.0	06/17/16 09:01	SES	5.8 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 07/07/2016
REPORT NBR: 160707144415

LAB#: E045163-04

SAMPLE ID: Lot 7 Well

LOCATION:

DATE SAMPLED: 06/16/2016

TIME SAMPLED: 3:05PM

SAMPLER- M Staines, D Hobbs

DATE RECEIVED: 06/16/2016

TIME RECEIVED: 4:46PM

DELIVERED BY: D Hobbs

RECEIVED BY: Ginny Shelley

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	06/17/16 13:30	MAP	0.029 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	06/17/16 03:43	SES	6.1 mg/L		0.2
\$ Sulfate	EPA 300.0	06/17/16 03:43	SES	6.2 mg/L		1.0



FINAL REPORT OF ANALYSIS

Chesapeake Geoscience
5405 Twin Knolls Rd
Columbia, MD 21045

PROJECT NAME: CG-08-0348
REPORT DATE: 07/07/2016
REPORT NBR: 160707144415

LAB#: E045163-05

SAMPLE ID: GDG-Dupe

LOCATION:

DATE SAMPLED: 06/16/2016
DATE RECEIVED: 06/16/2016
DELIVERED BY: D Hobbs

TIME SAMPLED: Information Not
Provided
TIME RECEIVED: 4:46PM

SAMPLER- M Staines, D Hobbs

COMMENTS:

COMMENTS:

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	Qual	REPORTING LIMIT
Dissolved Metals EPA 200.7 by Enviro-Chem						
*! Manganese	EPA 200.7	06/17/16 13:32	MAP	0.028 mg/L		0.010
Wet Chemistry by Enviro-Chem						
# Nitrate (as N)	EPA 300.0	06/17/16 03:58	SES	5.6 mg/L		0.2
\$ Sulfate	EPA 300.0	06/17/16 03:58	SES	3.6 mg/L		1.0

Stephen Shelley
Laboratory Director

ENVIRO-CHEM LABORATORIES, INC.



47 Loveton Circle, Suite K • Sparks, Maryland 21152

410-472-1112

Qualifier(s)

E Over Calibration Estimated Result

QUALITY CONTROL SUMMARY

REPORT NBR: 160707144415

Enviro-Chem

Analyte QC Type	Sample Source	Date Prep'd	Date Analyzed	Result	MRL	Units	Spike Level	Source Result	% REC % REC	% REC Limits	RPD	RPD Limit
Batch B6F0119												
Nitrate (as N)												
Duplicate	E045071-01	06/13/2016	06/13/2016	5	0.2	mg/L		5			0.260	20
LCS		06/13/2016	06/13/2016	1	0.2	mg/L	1.00		101	90-110		
Matrix Spike	E045071-01	06/13/2016	06/13/2016	6	0.2	mg/L	1.00	5	113	80-120		
Sulfate												
Duplicate	E045071-01	06/13/2016	06/13/2016	12.5	1.0	mg/L		12.5			0.110	20
LCS		06/13/2016	06/14/2016	10.4	1.0	mg/L	10.0		104	90-110		
Matrix Spike	E045071-01	06/13/2016	06/13/2016	23.8	1.0	mg/L	10.0	12.5	112	80-120		
Batch B6F0132												
Manganese												
Duplicate	E045087-01	06/14/2016	06/14/2016	<0.010	0.010	mg/L		ND				20
Matrix Spike	E045087-01	06/14/2016	06/14/2016	0.470	0.010	mg/L	0.500	ND	94.0	70-130		
Batch B6F0138												
Nitrate (as N)												
Duplicate	E045096-01	06/14/2016	06/14/2016	1	0.2	mg/L		1			1.74	20
Matrix Spike	E045096-01	06/14/2016	06/14/2016	2	0.2	mg/L	1.00	1	103	80-120		
Sulfate												
Duplicate	E045096-01	06/14/2016	06/14/2016	1.4	1.0	mg/L		1.4			NC	20
Duplicate	E045100-01	06/15/2016	06/15/2016	4.8	1.0	mg/L		4.8			1.03	20
Matrix Spike	E045096-01	06/14/2016	06/14/2016	12.0	1.0	mg/L	10.0	1.4	106	80-120		
Matrix Spike	E045100-01	06/15/2016	06/15/2016	15.5	1.0	mg/L	10.0	4.8	107	80-120		
Batch B6F0147												
Manganese												
Duplicate	E045112-01	06/15/2016	06/15/2016	2.23	0.010	mg/L		2.24			0.313	20
LCS		06/15/2016	06/15/2016	0.491	0.010	mg/L	0.500		98.2	85-115		
Matrix Spike	E045112-01	06/15/2016	06/15/2016	2.62	0.010	mg/L	0.500	2.24	77.0	70-130		
Batch B6F0150												
Nitrate (as N)												
Duplicate	E045118-01	06/15/2016	06/15/2016	0.3	0.2	mg/L		0.3			NC	20
Duplicate	E045136-01	06/15/2016	06/15/2016	6	0.2	mg/L		6			0.412	20
LCS		06/15/2016	06/15/2016	1	0.2	mg/L	1.00		98.2	90-110		
Matrix Spike	E045118-01	06/15/2016	06/15/2016	1	0.2	mg/L	1.00	0.3	81.1	80-120		
Matrix Spike	E045136-01	06/15/2016	06/15/2016	100000000 0	0.2	mg/L	1.00	6	NR	80-120		
Sulfate												
Duplicate	E045118-01	06/15/2016	06/15/2016	100000000 0	1.0	mg/L		.000000000			0.00	20
Duplicate	E045136-01	06/15/2016	06/15/2016	<1.0	1.0	mg/L		ND				20
LCS		06/15/2016	06/15/2016	9.7	1.0	mg/L	10.0		96.9	90-110		
Matrix Spike	E045136-01	06/15/2016	06/15/2016	10.9	1.0	mg/L	10.0	ND	109	80-120		
Matrix Spike	E045118-01	06/15/2016	06/15/2016	100000000 0	1.0	mg/L	10.0	.000000000	0.00*	80-120		

Batch B6F0160

QUALITY CONTROL SUMMARY

REPORT NBR: 160707144415

Enviro-Chem

Analyte QC Type	Sample Source	Date Prep'd	Date Analyzed	Result	MRL	Units	Spike Level	Source Result	% REC % REC	% REC Limits	RPD	RPD Limit
Batch B6F0160 (Continued)												
Manganese												
Blank		06/17/2016	06/17/2016	<0.010	0.010	mg/L						
Duplicate	E045136-01	06/17/2016	06/17/2016	0.250	0.010	mg/L		0.249			0.401	20
Duplicate	E045163-01	06/17/2016	06/17/2016	0.354	0.010	mg/L		0.354			0.00	20
LCS		06/17/2016	06/17/2016	0.503	0.010	mg/L	0.500		101	85-115		
Matrix Spike	E045136-01	06/17/2016	06/17/2016	0.744	0.010	mg/L	0.500	0.249	99.0	70-130		
Matrix Spike	E045163-01	06/17/2016	06/17/2016	0.874	0.010	mg/L	0.500	0.354	104	70-130		
Batch B6F0167												
Nitrate (as N)												
Duplicate	E045145-01	06/16/2016	06/16/2016	0.1	0.2	mg/L		0.1			NC	20
Duplicate	E045155-01	06/17/2016	06/17/2016	1	0.2	mg/L		1			0.736	20
LCS		06/16/2016	06/16/2016	1	0.2	mg/L	1.00		106	90-110		
Matrix Spike	E045145-01	06/16/2016	06/16/2016	1	0.2	mg/L	1.00	0.1	98.4	80-120		
Matrix Spike	E045155-01	06/17/2016	06/17/2016	2	0.2	mg/L	1.00	1	106	80-120		
Sulfate												
Duplicate	E045155-01	06/17/2016	06/17/2016	3.1	1.0	mg/L		3.0			NC	20
Duplicate	E045145-01	06/16/2016	06/16/2016	<1.0	1.0	mg/L		ND				20
LCS		06/16/2016	06/16/2016	10.6	1.0	mg/L	10.0		106	90-110		
Matrix Spike	E045145-01	06/16/2016	06/16/2016	11.5	1.0	mg/L	10.0	ND	115	80-120		
Matrix Spike	E045155-01	06/17/2016	06/17/2016	13.9	1.0	mg/L	10.0	3.0	109	80-120		

* - Indicates Recovery/RPD failed Criteria.

NC - Indicates Duplicate Result or Sample Duplicate Result < 4 * Method reporting limit

Client: Chesapeake Geosciences Phone No.: (410) 740-1911
 Project Manager: Wancy Love Fax No.: (410) 740-3299

Sampler: Meg Shines, Drew Hobbs Email: mllove@gs.us.com

Project Name: Little George's Del. (E-15644) Project Number G-02-C34E

P.O. Number: CGE02034EVL

Enviro-Chem Lab No. Sample Identification (As it is to appear on report) Date Sampled Time Sampled Matrix

4508701 Lot 4 Well 6/13/16 1205 Q100 2 G X X X

4508702 Samuel Well 6/13/16 1350 G10 2 G X X X

4508703 H-3 6/13/16 1530 G10 2 G X X X

Collected/Relinquished By: Dan Hill Date: 6/13/16 Time: 14:48 Received By: [Signature]

Relinquished By: Date: Time: Received By:

COCLabels match Y N # of Samples # of Bottles Explain any "NO" answers

Bottles intact/appropriate Y N Preserved correctly Y N NA

ECL Log in Batch Number

Preservative	Sample Type	C = Comp.	G = Grab
PreC	PreC	PreC	PreC
PreC	PreC	PreC	PreC
PreC	PreC	PreC	PreC

Diss. Mn
Nitrate 300
Sulfate 300

Preservative Key:
 NA = Nitric Acid, pH < 2
 SA = Sulfuric Acid, pH < 2
 OH = NaOH, pH > 12
 TI = Thiocyanate
 Zn = Zinc Acetate
 N = None, Chilled
 X = Other

Remarks

*All samples held field

Client: Chesapeake Geosciences Phone No.: (410) 740 1511

Project Manager: Nancy Leve Fax No.: (410) 740 - 3294

Sampler: Meg Sparks, Drew Hills Email: nlove@css.us.com

Project Name: Little George's Deli (E-1549) Project Number: CG-08-0348

P.O. Number: CGC8034EML

Enviro-Chem Lab No.	Sample Identification (As it is to appear on report)	Date Sampled	Time Sampled	Matrix	Containers	ECL Log In Batch Number			Page of 1	Remarks
						No. of	Sample Type	Preservative		
E045112-01	H-1A	6/14/16	11:50	GM	2	G	X	X	X	*All samples Field R. Red
E045112-02	H-6	6/14/16	13:30	GM	2	G	X	X	X	
E045112-03	MW-3	6/14/16	15:00	GM	2	G	X	X	X	

Nitrate 300
Sulfate 300
Diss. Mn 200.7

Preservative Key:
NA = Nitric Acid, pH <2
SA = Sulfuric Acid, pH <2
OH = NaOH, pH >12
TI = Thioullate
Zn = Zinc Acetate
N = None, Chilled
X = Other

Collected / Relinquished By	Date	Time	Received By	Deliverables Required	# Coolers	Seal
Drew Hills	6/14/16	16:45	M		1	

Relinquished By	Date	Time	Received By	Turnaround Requested	Rush?	Ice Present	Temp
				STD		Y	5.1

COC/Labels match	# of Samples	# of Bottles	Explain any "NO" answers
Y	3	6	

Sample Chain of Custody

47 Loveton Circle, Suite K

Sparks, MD 21152

Client: Chesapeake Geosciences Phone No.: (410) 740-1911 Page 1 of 1
 Project Manager: Nancy Love Fax No.: (410) 740-3299
 Sampler: Meg Stairs, Drew Hobbs Email: nlove@egs.us.com
 Project Name: Little George's Del. (E-1564CL) Project Number: CG-08-0348
 P.O. Number: CG080348NL

Preservative Key:
 NA = Nitric Acid, pH <2
 SA = Sulfuric Acid, pH <2
 OH = NaOH, pH >12
 TI = Thiou sulfate
 Zn = Zinc Acetate
 N = None, Chilled
 X = Other

Enviro-Chem Lab No.	Sample Identification (as it is to appear on report)	Date Sampled	Time Sampled	Matrix	Containers	ECL Log in Batch Number				Remarks		
						Preservative	No. of	Sample Type	C = Comp		G = Grab	4C
E045136-01	MW-5	6/15/16	16:30	GW	2	G	X	X	X	* All samples		
E045136-02	MW-2	6/15/16	12:00	GW	2	G	X	X	X	Field filled		
E045136-03	MW-1	6/15/16	13:50	GW	2	G	X	X	X			
E045136-04	MW-1A	6/15/16	15:05	GW	2	G	X	X	X			
Collected / Relinquished By		Date	Time	Received By						Deliverables Required	# Coolers	Seal
		6/15/16	16:51							Due Date	Ice Present	Temp
Relinquished By		Date	Time	Received By						Turnaround Requested	Rush?	
										STD		
Relinquished By		Date	Time	Received By						1-Day	Other	
										Special Instructions, Comments:		
COC/Labels match	Y N	# of Samples	# of Bottles	Explain any "N" answers								
Bottles Intact/appropriate	Y N	Preserved correctly	Y N	NA								

Nitrate EPA300
 Sulfate EPA300
 Diss Mn 200.7

Client: Chesapeake Geosciences Phone No.: 410 240-1911

Project Manager: Nancy Love Fax No.: (410) 740-3299

Sampler: Neg Sparks, Dr. Hobbs Email: nlove@gsus.com

Project Name: Little League's Del (8-1564C) Project Number: CG DE-0348

P.O. Number: CG080348A

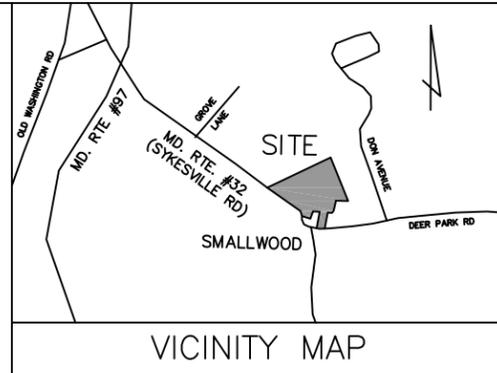
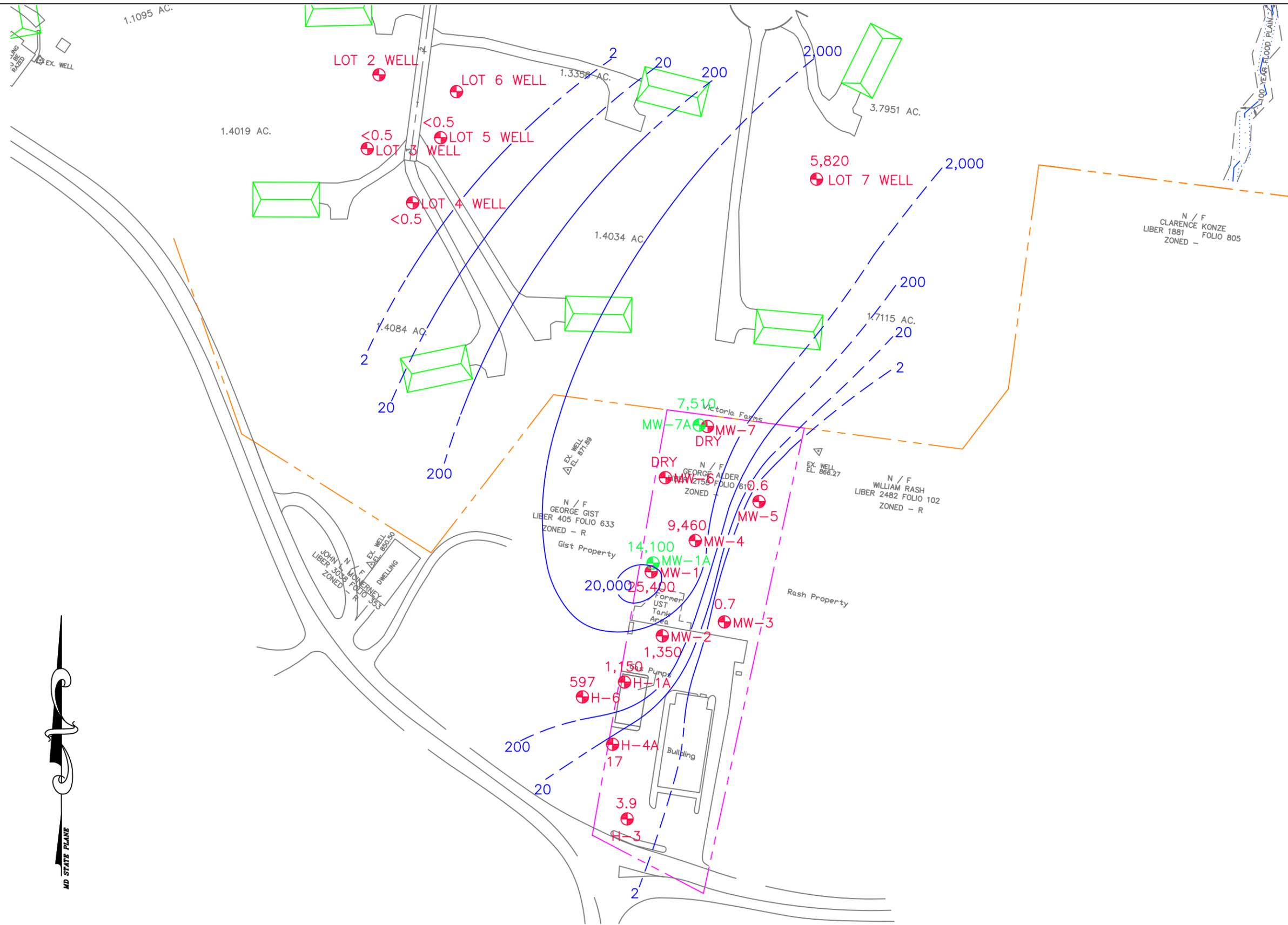
Enviro-Chem Lab No.	Sample Identification (As it is to appear on report)	Date Sampled	Time Sampled	Matrix	Containers	ECL Log in Batch Number				Page	of	Remarks
						Preservative	Sample Type	No.	of			
EOYS163-01	MW-7R	6/16/16	11:00	GW	2	G	X	X	X			* All samples
EOYS163-02	MW-7B	6/16/16	12:30	GW	2	G	X	X	X			Field R. 1st
EOYS163-03	MW-7A	6/16/16	13:50	GW	2	G	X	X	X			
EOYS163-04	Lot 7 well	6/16/16	15:05	GW	2	G	X	X	X			
EOYS163-05	GDG-Dupe	6/16/16	0:00	GW	2	G	X	X	X			
Collected / Relinquished By		Date	Time	Received By								
		6/16/16	16:46									
Relinquished By		Date	Time	Received By								
Relinquished By		Date	Time	Received By								
COC/Labels match	Y	N	# of Samples	# of Bottles	Explain any "NO" answers							
Bottles intact/appropriate	Y	N	Preserved correctly	Y	N	NA						
Special Instructions, Comments:												
Turnaround Requested												
STD 1-Day Other												
Rush?												
Due Date												
Ice Present												
Temp												
Deliverables Required												
# Coolers												
Seal												

Preservative Key:
 NA = Nitric Acid, pH < 2
 SA = Sulfuric Acid, pH < 2
 OH = NaOH, pH > 12
 TI = Thiou sulfate
 Zn = Zinc Acetate
 N = None, Chilled
 X = Other

4' C
 4' C
 4' C
 Dis. Mn 200.7

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

N / F
JOHN V. 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

MW-2

MW-3

MW-4

MW-5

MW-6

MW-7

MW-7A

7,510

14,100

20,000

25,400

9,460

0.6

0.7

2,000

200

20

2

1.4034 AC.

1.4084 AC.

1.3358 AC.

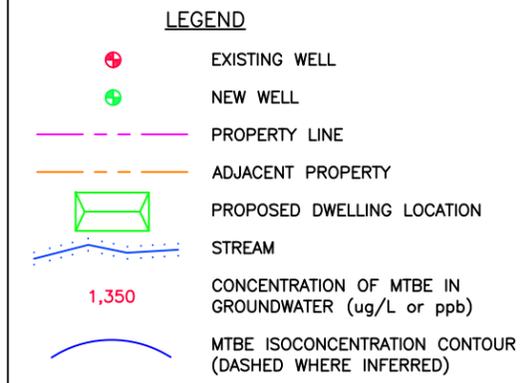
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1.1095 AC.

3.7951 AC.

1.7115 AC.

1.4019 AC.



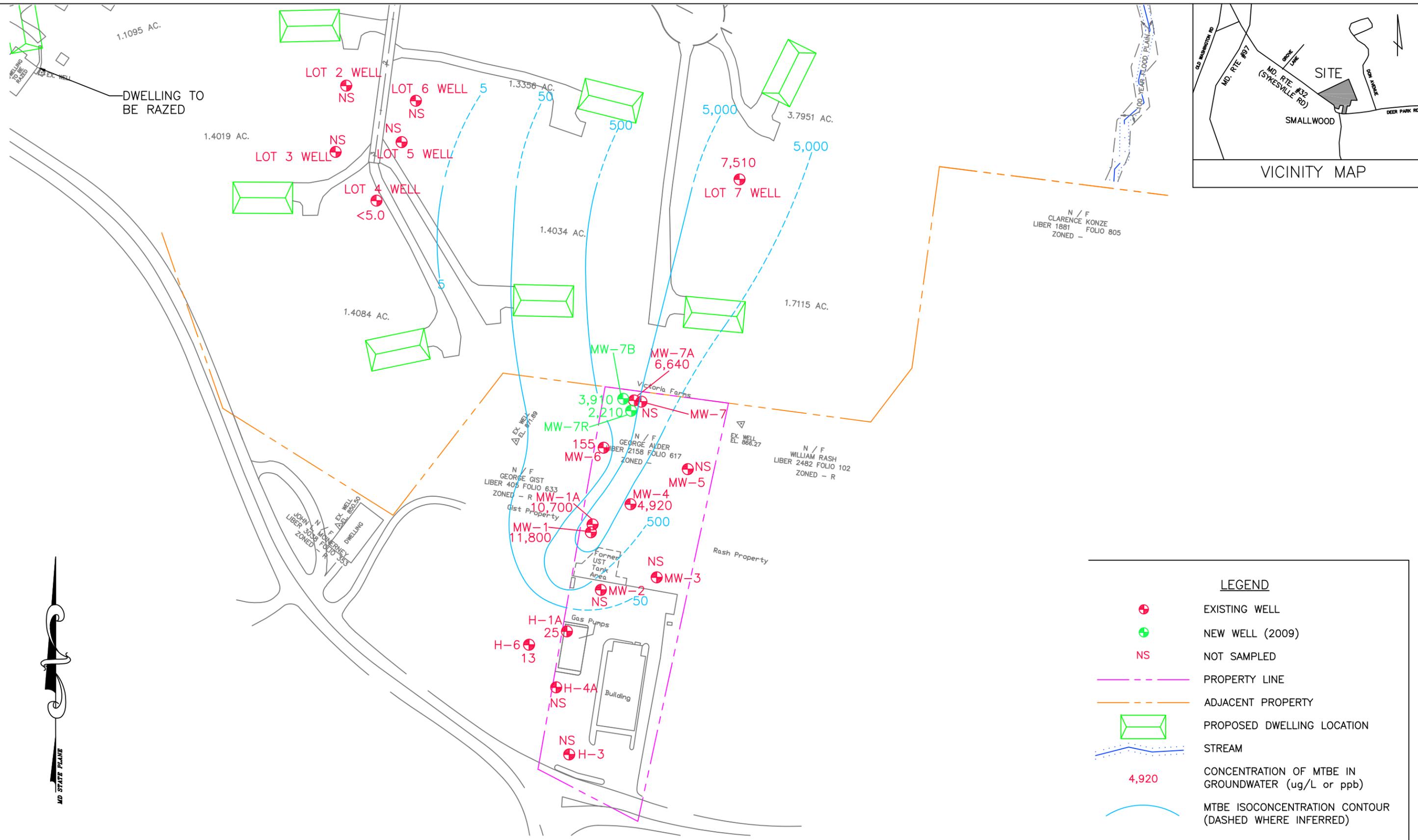
Drawn By:	Date:
Mike Walsh	09/24/08
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 100'	



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



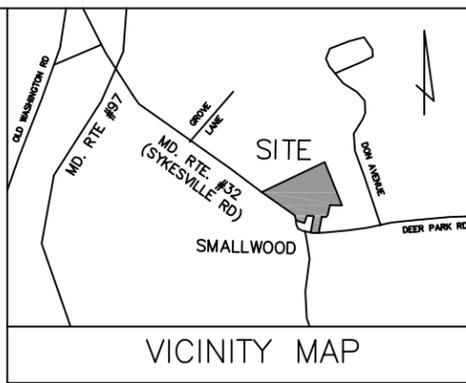
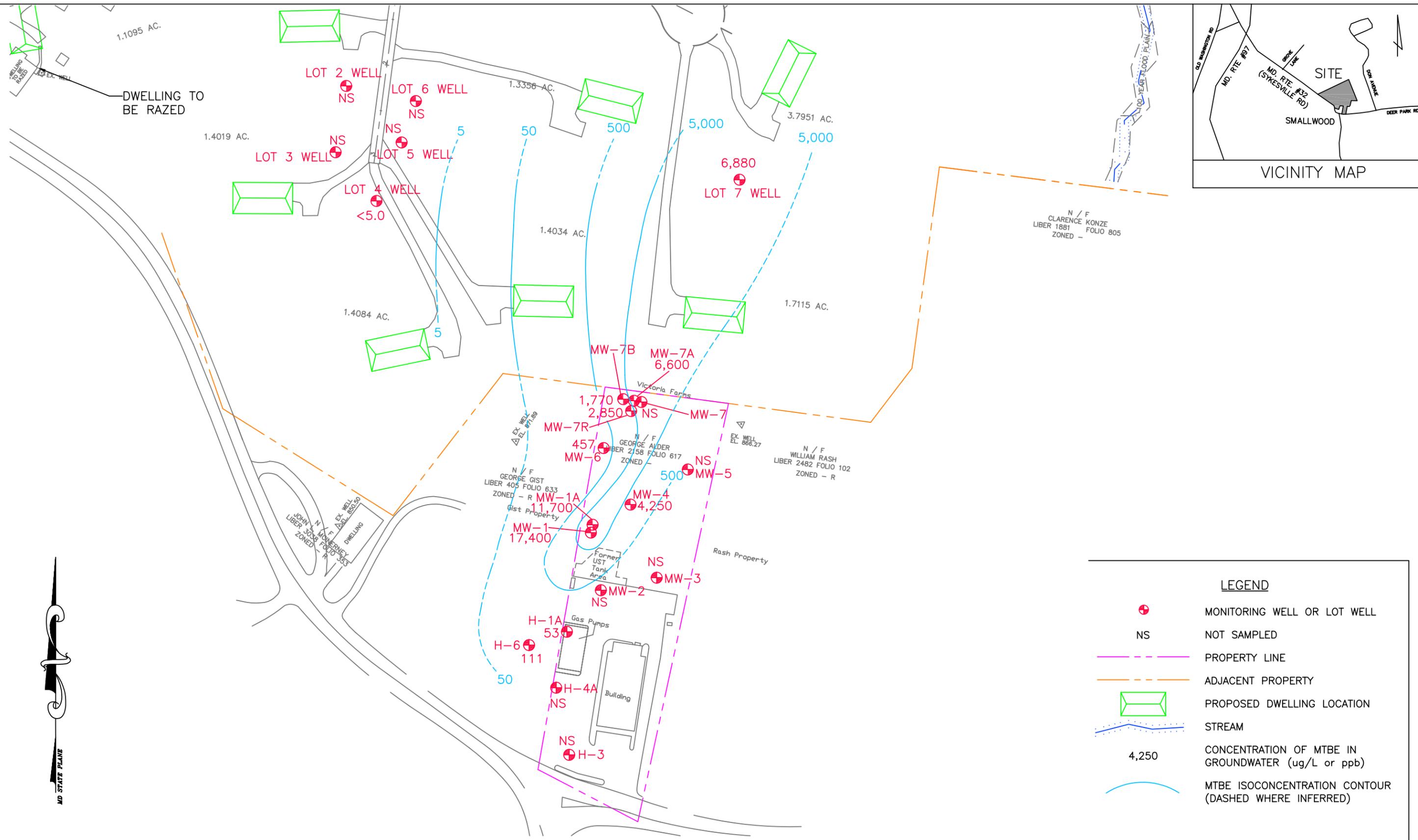
Drawn By:	Date:
Mike Walsh	01/08/10
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 100'	



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MTBE ISOCONCENTRATION MAP - DECEMBER 2009
 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
- 4,250 CONCENTRATION OF MTBE IN GROUNDWATER (ug/L or ppb)
- MTBE ISOCONCENTRATION CONTOUR (DASHED WHERE INFERRED)

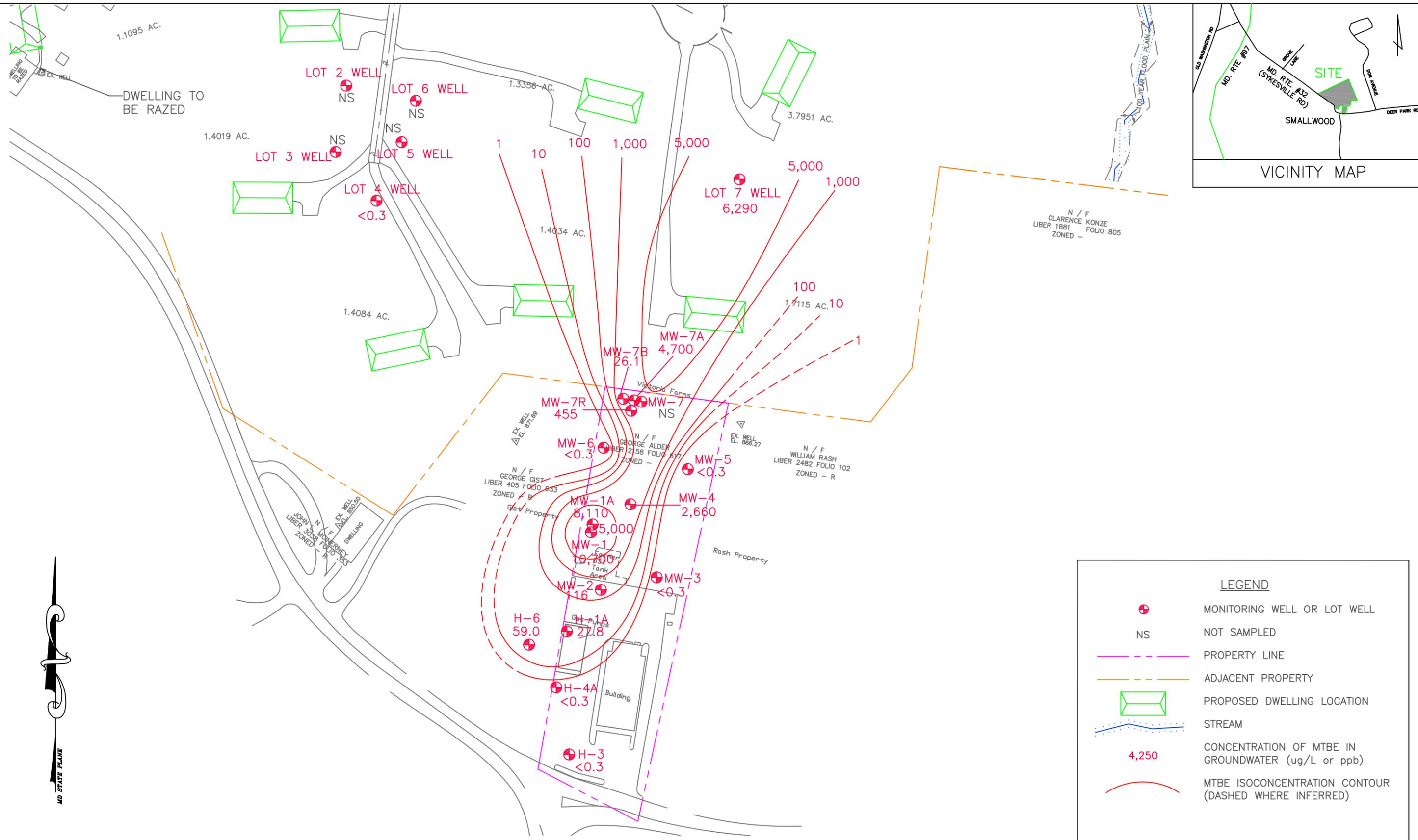
Drawn By:	Date:
Meg Staines	06/14/10
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 100'	

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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)

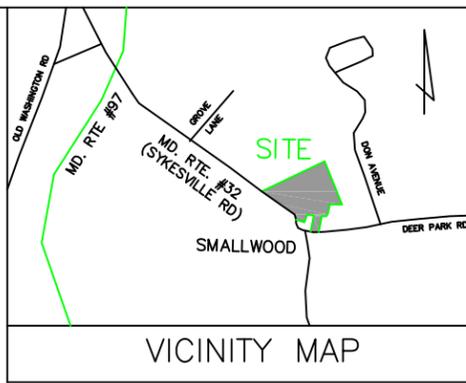
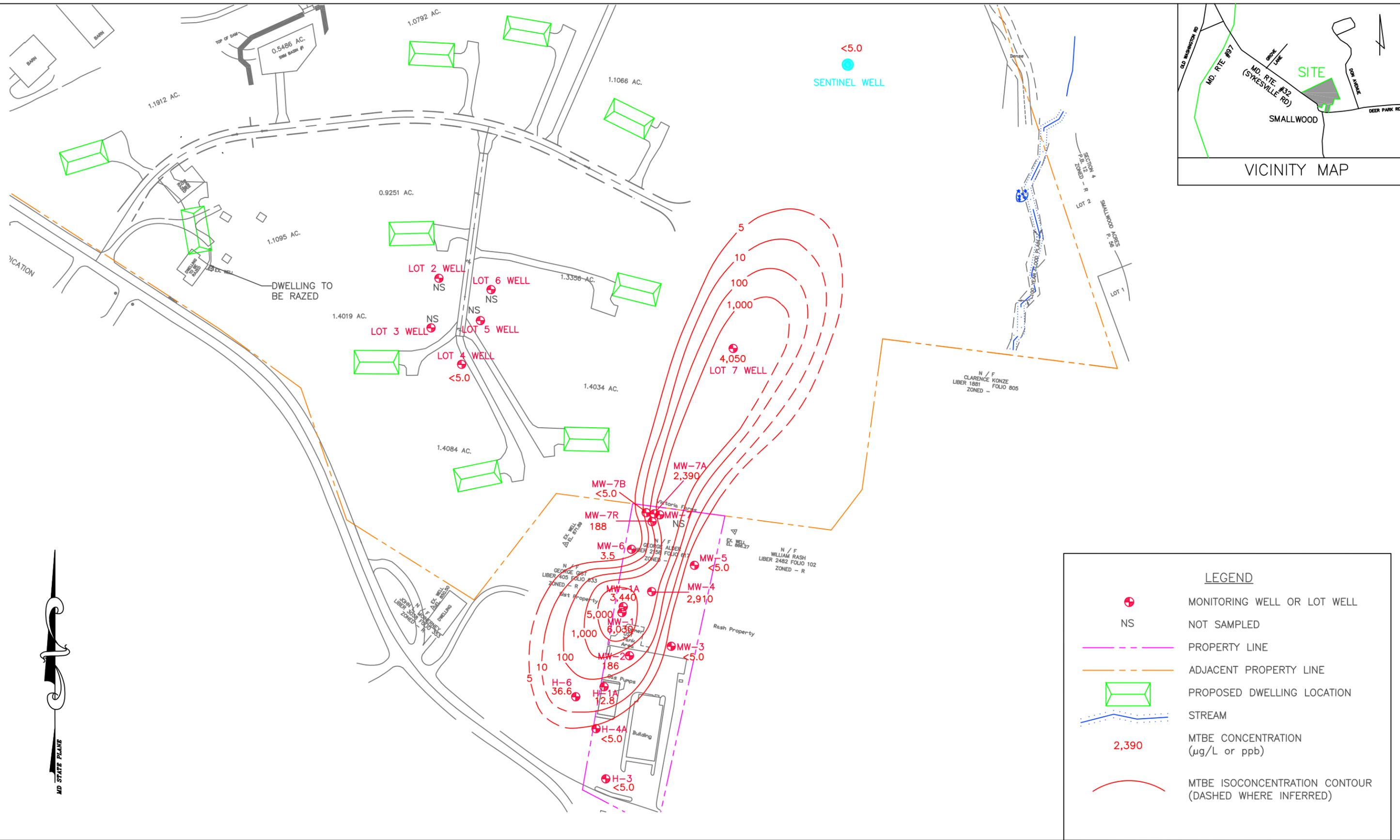
Drawn By:	Date:
MS & LB	05/25/12
Job #:	Proj. Manager:
CG-08-0348	Kevin Howard
Scale: 1" = 100'	

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MTBE ISOCONCENTRATION MAP - APRIL 24-27, 2012
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
	MTBE CONCENTRATION ($\mu\text{g/L}$ or ppb)
	MTBE ISOCONCENTRATION CONTOUR (DASHED WHERE INFERRED)

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



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

Figure 4