GALLAGHER BASSETT | TECHNICAL SERVICES

PERIODIC REVIEW REPORT

GDC-LIC DEVELOPMENT SITE

NYSDEC BCP ID: C241172

45-25 11th Street & 11-22 45th Road

Long Island City, Queens County, New York

May 20, 2021

GBTS Project: GQ14076

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PERIODIC REVIEW REPORT

May 20, 2021

GBTS Project: GQ14076

Prepared By:

Gallagher Bassett Technical Services
22 IBM Road – Suite 101
Poughkeepsie, New York 12601

Prepared For:

GDC-LIC Owner, LLC
245 Saw Mill River Road
Hawthorne, New York 10532

The undersigned has reviewed this Periodic Review Report and certifies to GDC-LIC Owner, LLC and to the New York State Department of Environmental Conservation (NYSDEC) that the information provided in this document is accurate as of the date of issuance by this office.

For each institutional or engineering control identified for the site, I certify that all of the following statements are true:

(a) the institutional control and/or engineering control employed at this site is unchanged from the date the control was put in place, or last approved by DER;

(b) nothing has occurred that would impair the ability of such control to protect public health and the environment;

(c) nothing has occurred that would constitute a violation or failure to comply with any Site Management Plan for this control; and

(d) access to the site will continue to be provided to DER to evaluate the remedy, including access to evaluate the continued maintenance of this control.

James Blaney, CHMM — May 21, 2021

Qualified Environmental Professional — Date — Signature

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1.0 INTRODUCTION

1.1 Purpose

This Periodic Review Report (PRR), prepared by Gallagher Bassett Technical Services (GBTS), details on-going site management activities at the GDC-LIC Development Site ("Site"), which entered the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) in July 2015 (BCP ID: C241172). The Site is located at 45-25 11th Street and 11-22 45th Road, Long Island City, Queens County, New York. Site figures are presented in Appendix A. The Reporting Period is April 21, 2020 to April 21, 2021.

1.2 Site Description

The site (1.15 acre) is located in Long Island City, Queens, New York and is bounded by 45th Road and an adjoining apartment building to the north, 46th Avenue to the south, a commercial building to the east, and 11th Street to the west. The Site contains 38 four-story residential units (the foundations for all structures, as well as a common courtyard area, occupy the entirety of the property). Figure 1 shows the Site layout and photographs are provided in Appendix D.

2.0 BACKGROUND

2.1 Site History and Investigations

The Site formerly contained two commercial buildings (historical use included manufacturing). Environmental investigations documented elevated organic and inorganic compounds in both soil and groundwater, and elevated levels of volatile organic compounds in soil vapor. Based on the presence of floating non-aqueous phase liquid (NAPL) in a monitoring well, spill 14-09327 was reported to the NYSDEC in December 2014.

2.2 Remediation Activities

The Site was remediated in accordance with a NYSDEC-approved Remedial Action Work Plan (RAWP) from May to November, 2016, the spill file was closed and a Final Engineering Report was issued in December 2016. The remedial action included the following components:

- Removal of two known petroleum storage tanks;
- Excavation and removal of urban fill soils for development purposes;
- Excavation and removal of petroleum-contaminated soil in the northern-central portion of the Site, and a distinct deeper volume of saturated soils containing elevated concentrations of arsenic and petroleum compounds;
- In situ chemical treatment at "hot spot" areas to treat residual petroleum contamination;
- Installation of a cover system, to prevent exposure to remaining contamination; and,
- Installation of a vapor barrier and passive sub-slab depressurization (SSD) system beneath all building foundations.

2.3 Remedial Action Objectives

The remedial action objectives (RAOs) for the Site, as specified in the Remedial Action Work Plan, address protection of the environment and public health. The RAOs include removal of sources of contamination and prevent migration of residual contaminants in order to diminish existing groundwater contamination and prevent any additional contamination, restoration of the ground water aquifer to pre-disposal/pre-release conditions as possible, and prevention of human exposures via direct contact, ingestion and/or inhalation, or through vapor intrusion.

3.0 COMPLIANCE WITH SITE MANAGEMENT PLAN

Compliance with the Site Management Plan (SMP), which specifies requirements for Engineering Controls (ECs), Institutional Controls (ICs), groundwater monitoring, and installation and operation of the sub-slab depressurization systems (SSDS) at each Site building, is summarized below. A site-wide inspection form completed by GBTS (Appendix C) documents the annual inspection of the existing ECs, and the completed NYSDEC EC/ICs Certification Form is provided in Appendix E.

3.1 Engineering Controls

Engineering controls (ECs) have been put into place in order to manage remaining on-site contamination. These ECs at the Site consist of a cover system and passive sub-slab vapor interceptor systems at each structure.

3.1.1 Cover System

Exposure to remaining contamination in soil/fill is prevented by a soil cover system placed over the Site, comprised of a minimum of 2 feet of clean soil in the backyards, common courtyard and landscape areas, concrete-covered sidewalks, and concrete building slabs.

An inspection of the cover system was completed on April 30, 2021. The cover system was observed to be in good condition at the time of the inspection and no significant cracks, vegetation between cracks, ponding of surface water or surface depressions were noted. Photographs of cover system at the Site are presented as Appendix D.

3.1.2 Sub-slab Vapor Interceptor System

SSDS Design and Construction

Vapor interceptor systems were installed beneath each residential unit to prevent soil vapor intrusion (see Figure 3). Each system is comprised of a passive SSDS and an approximately 46 mil vapor barrier, underlying a 6-inch concrete slab. All elements are necessary to ensure that any vapors accumulating beneath the structures do not enter occupied spaces. Building basement slabs were constructed in close proximity to the static groundwater level and the SSDS may be non-functional when water levels temporarily rise (e.g., during severe storm events).

Each SSDS was constructed with a series of horizontal, perforated PVC piping beneath the vapor barrier, plumbed to a non-perforated vertical riser extending through the building slab, which connects to individual roof-mounted wind turbines.

GBTS performed a visual inspection of the accessible sections of SSDS piping, and all roof-top wind turbines, on April 30, 2021. All system piping components were observed to be intact and rooftop turbines have free movement of the blades.

SSDS Operations and Maintenance Plan

The SMP includes an Operation and Maintenance Plan (OMP) governing the measures necessary to operate, monitor and maintain the passive SSDS at each residential building. SSDS operation and maintenance requires periodic routine inspections, and non-routine maintenance if system components become inoperable, or if building modifications (e.g., changes to HVAC) may reduce system effectiveness.

Site-wide inspection of the SSDS is to be performed for the first two years of operation by a qualified environmental professional/engineer and documented in the Periodic Review Report. Site personnel are required to maintain the roof-top turbines according to the manufacturer's operation manual, removing any materials that block the riser discharge point on the roof, and repair of any damage to system components.

Emergency conditions or unusual events that damage or substantially alter the building foundation, riser piping or roof-top components (severe flooding, impacts to exposed piping that result in cracks, etc.) should be reported to Site management within 48 hours of discovery. Damage to system components should be evaluated and repaired under the supervision of a qualified environmental professional/engineer and be reported to NYSDEC.

Based on as-built conditions, all SSDS components are performing as expected and meet the applicable RAOs for soil vapor. The existing OMP is consider sufficient for the installed systems.

3.2 Institutional Controls

A series of ICs have been put into place to: (1) implement, maintain and monitor EC systems; (2) prevent future exposure to remaining contamination by controlling disturbances of the subsurface contamination; and, (3) limit the use and development of the Site to restricted residential uses only. Adherence to these ICs on the Site is required by the Environmental Easement (EE) and will be implemented under the SMP. These ICs are:

- The property may be used for restricted residential use;
- All ECs must be operated and maintained as specified in this SMP;
- All ECs must be inspected at a frequency and in a manner defined in the SMP.
- The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the New York City Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department.

- Groundwater and other environmental or public health monitoring must be performed as defined in this SMP;
- Data and information pertinent to site management must be reported at the frequency and in a manner as defined in this SMP;
- All future activities that will disturb remaining contaminated material must be conducted in accordance with this SMP;
- Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in this SMP;
- Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in this SMP;
- Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the EE.
- The potential for vapor intrusion must be evaluated for any buildings developed in the area within the IC boundaries, and any potential impacts that are identified must be monitored or mitigated; and
- Vegetable gardens and farming on the site are prohibited.

The ICs for the Site are being properly implemented and are effective for protecting human health and the environment. The Site is currently in residential use, consistent with the selected remedy. Groundwater is not in use and no gardens or farms are present. All ECs are being operated and maintained as specified in the approved SMP. There have not been any impacts or disturbances to the cover system that require an inspection by the Remedial Engineer.

3.3 Groundwater Monitoring

The SMP requires ongoing groundwater monitoring to document the effectiveness of the completed remedial action. Annual groundwater sampling was conducted during the reporting period in April 2021. A Data Usability Summary Report (DUSR) in accordance with DER-10), is being prepared for April 2021 groundwater data by a third, independent party, which maintains NYSDOH ELAP CLP Certification, and will be provided to NYSDEC under separate cover (DUSRs for six previous post-remediation groundwater sampling events [August 2018 to May 2020] were submitted to NYSDEC on June 15, 2020; see Appendix F).

Groundwater monitoring for the reporting period is documented in the Summary Report of Annual Groundwater Monitoring (May 2021). The most recent groundwater data are summarized in Figure 4 and all historical post-remediation data are provided in Tables 1 and 2, Appendix B[1].

1 Sampling for metals was discontinued after April 2018, and laboratory analysis for SVOCs has been restricted to PAHs since June 2019.

GBTS sampled five monitoring wells, installed at upgradient and cross-gradient sidewalk areas, on May 5, 2020 (see Figure 4 for well locations). Groundwater monitoring data indicate the following:

- VOCs have not been found above ambient water quality standards (AWQS) since slightly elevated chloroform was reported at 2MW-02 in April 2018. No significant petroleum contamination has been found at 2MW-02 to 2MW-04, likely downgradient from former hot spot areas.
- Low-grade impacts by cyclohexane and methylcyclohexane (AWQS not established) have decreased significantly at 2MW-01 and 2MW-05 when compared to initial post-remediation sampling rounds. These wells are respectively located cross-gradient and somewhat cross-gradient from the areas of soil remediation and in situ treatment.
- Low-grade contamination by PAHs continues to be present at 2MW-02.

The absence of significant concentrations of petroleum compounds in groundwater support the conclusion that site remediation efforts have substantially met the remedial objectives for the GDC LIC Development Site. Low-grade methylcyclohexane and cyclohexane impacts, which appear to have stabilized, may be related to contamination originating at the Site (potentially as a result of materials mobilized during remedial excavations) and/or from an off-site source.

Contamination by PAHs is not present at levels warranting a response action, and is consistent with contributions from both urban fill materials and likely poor-quality regional groundwater conditions.

3.4 Effectiveness of Remedial Activities

The effectiveness of the remedial activities in meeting the remedial goal (redevelopment of the site while protecting human health and the environment) is measured through on-going monitoring of the condition of the on-site cover system and SSDS components, and off-site groundwater monitoring at adjoining sidewalks, as required in the SMP.

The cover system and accessible sections of passive SSDS piping were observed to be in good condition during the site inspection. All ECs are implemented at the Site are in compliance with the SMP, and are effective in protecting human health and the environment.

Post-remediation groundwater data, inclusive of the sampling results for the reporting period, indicate that the RAOs for environmental protection have been achieved to the extent practicable. Given the implementation of the ECs, and the presence of only low-grade impacts in groundwater, the RAOs for protection of public health have been and will continue to be met.

Overall, the soil management and groundwater monitoring programs have been properly implemented and document sufficient compliance with the RAOs for the Site.

4.0 CONCLUSIONS

Visual inspection of the cover system and passive SSDS confirms that the ECs are in good condition and working properly. All ECs and ICs in place at the Site are in compliance with the SMP. Results from post-remediation groundwater monitoring indicate that site remediation efforts have substantially met the remedial objectives for the GDC LIC Development Site.

The Site ECs consist of a cover system and a passive SSDS installed at each building. During the site inspection, the cover system and accessible sections of passive SSDS piping were observed to be in good condition. All ECs are implemented at the Site in compliance with the SMP, and are effective in protecting human health and the environment.

Groundwater data since April 2018 document an absence of significant concentrations of petroleum compounds in groundwater, and low-grade methylcyclohexane and cyclohexane impacts appear to have stabilized, supporting the conclusion that site remediation efforts have substantially met the remedial objectives for the GDC LIC Development Site. Persistent, low-level PAH contamination at 2MW-02 is not present at levels warranting a response action (impacts are consistent with contributions from both urban fill materials and/or poor-quality regional groundwater conditions). Based on the absence of significant off-site contamination, GBTS recommends that the SMP be revised to eliminate the requirement for groundwater sampling.

The services summarized in this PRR were conducted in accordance with the approved NYSDEC Brownfields Program SMP, and are considered by GBTS to satisfy the requirements set forth in the SMP. The next report will be submitted by May 2022.

APPENDIX A

Figures

All feature locations are approximate. This map is intended as a schematic to be used in conjunction with the associated report, and it should not be relied upon as a survey for planning or other activities.

Figure 1: Project Site Map

GDC LIC Development
NYSDEC BCP Site: C241172
45-35 11th Street and 11-22 45th Road
Queens, New York

Legend:

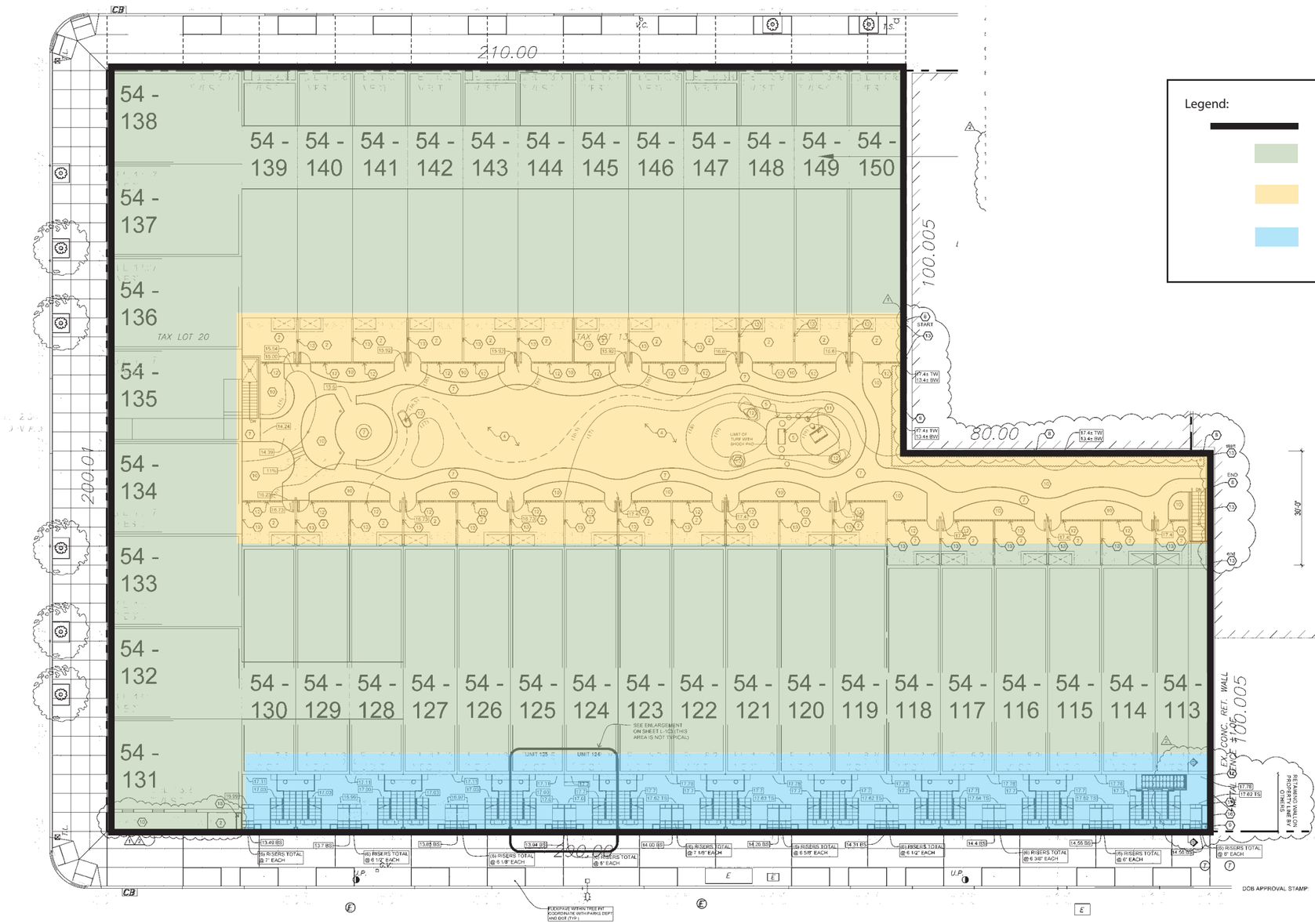
subject property border

0 250 500
SCALE IN FEET (APPROXIMATELY)

File: GQ14076.50

May 2021

Appendix A



Legend:

- subject property
- concrete buildings underlain with 20 mil vapor barrier and SSD systems; patio area
- landscaped areas with 2 feet of soil cover (or equivalent); pervious walkways
- barrier layer with concrete and limited landscape planters

0 25 50

SCALE IN FEET (APPROXIMATELY)

Base map provided by Studer Design Associates, inc. - Grading and Layout Plan L-101 dated 6-3-16

Figure 2: Site Wide Cover System Plan

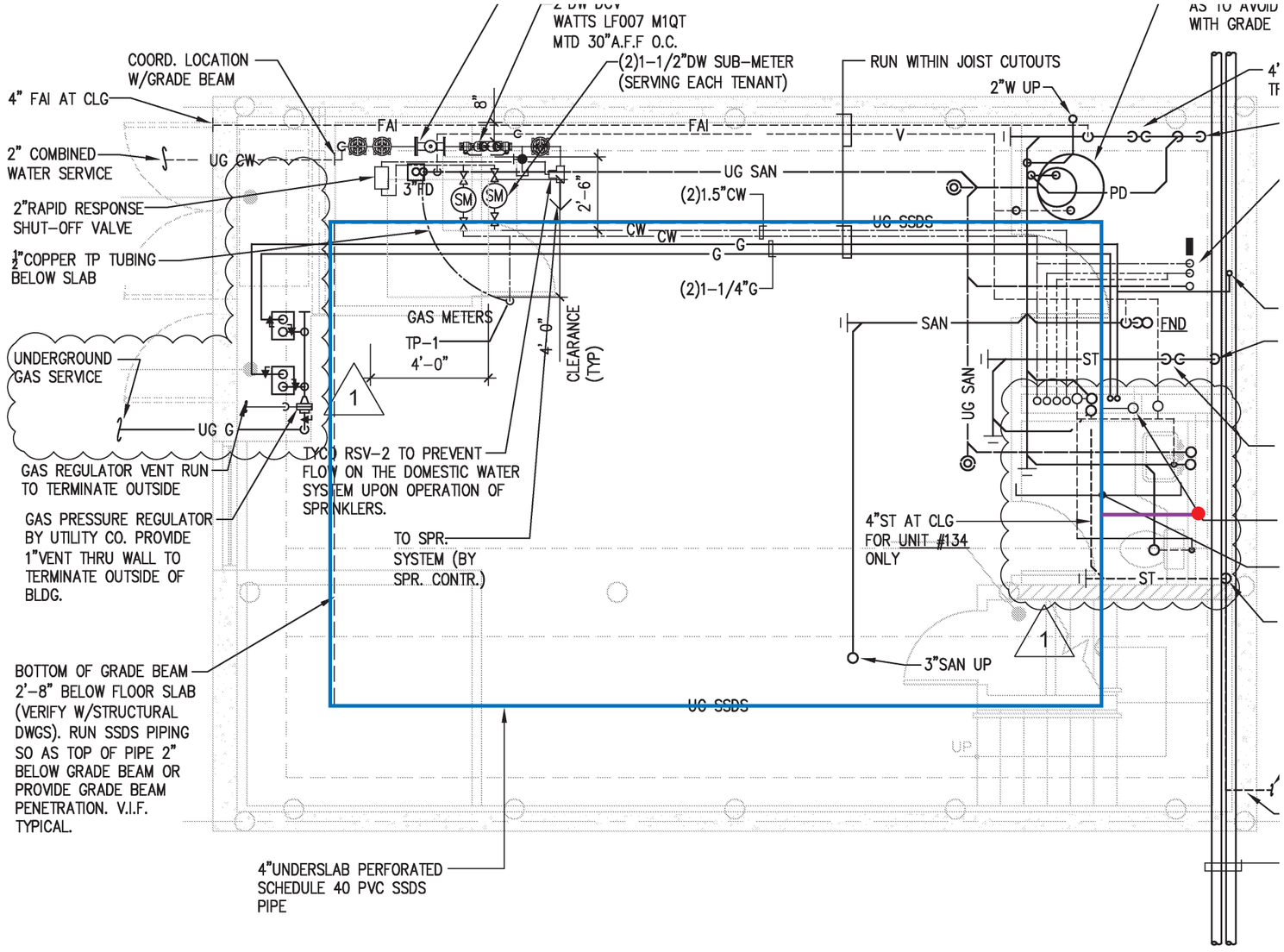
GDC LIC Development
NYSDEC BCP Site: C241172
45-35 11th Street and 11-22 45th Road
Queens, New York

File: GQ14076.50

May 2021

Appendix A

Figure 3: As-Built SSDS



1 CELLAR FLOOR PLUMBING PLAN

Notes:

1) Sub-slab piping shall be installed at least two inches (2") below the vapor barrier. All sub-slab piping shall be wrapped in filter fabric (or comparable product) and covered with at least two inches (2") of 1- 1 ½" clean crushed stone.

2) Sub-slab piping shall be perforated four inch (4") ID Schedule 40 PVC, joined with appropriate primer/cement to be applied according to manufacturer's specifications. Piping shall be laid into the gas permeable layer with at least three inches (3") of 1- 1 ½" clean crushed stone below the piping as indicated in the drawings.

Anticipated subgrade piping requirements (per unit) are as follows:

- 75 linear feet of 4" PVC
- Two (2) 4" PVC caps for ends
- One (1) "T" connector
- One (1) "90" elbow
- Miscellaneous 4" couplings

3) Sub-slab piping shall be positively sloped (0.5%) to the riser pipe and follow the layout indicated in the drawings.

4) System piping slab penetration and vertical riser pipe to be non-perforated four inch (4") ID Schedule 40 PVC. All vertical piping should be installed in accordance with NYC building codes with appropriate pipe supports.

5) Riser pipe shall run from the system piping slab penetration along the specified chase to the roof level as indicated in the drawings.

6) Riser pipe terminations shall extend at least twelve inches (12") above the surface of the roof and at least ten feet (10') from any window, door, or other opening, and HVAC intakes, if not two (2') feet above such openings. The roof turbine ventilator shall be above the roof.

7) The General Contractor shall provide shop and coordination drawings for approval.

STATE OF NEW YORK PHILIP A. BELL 081943 LICENSED PROFESSIONAL ENGINEER

0 5 10
SCALE IN FEET (APPROXIMATELY)

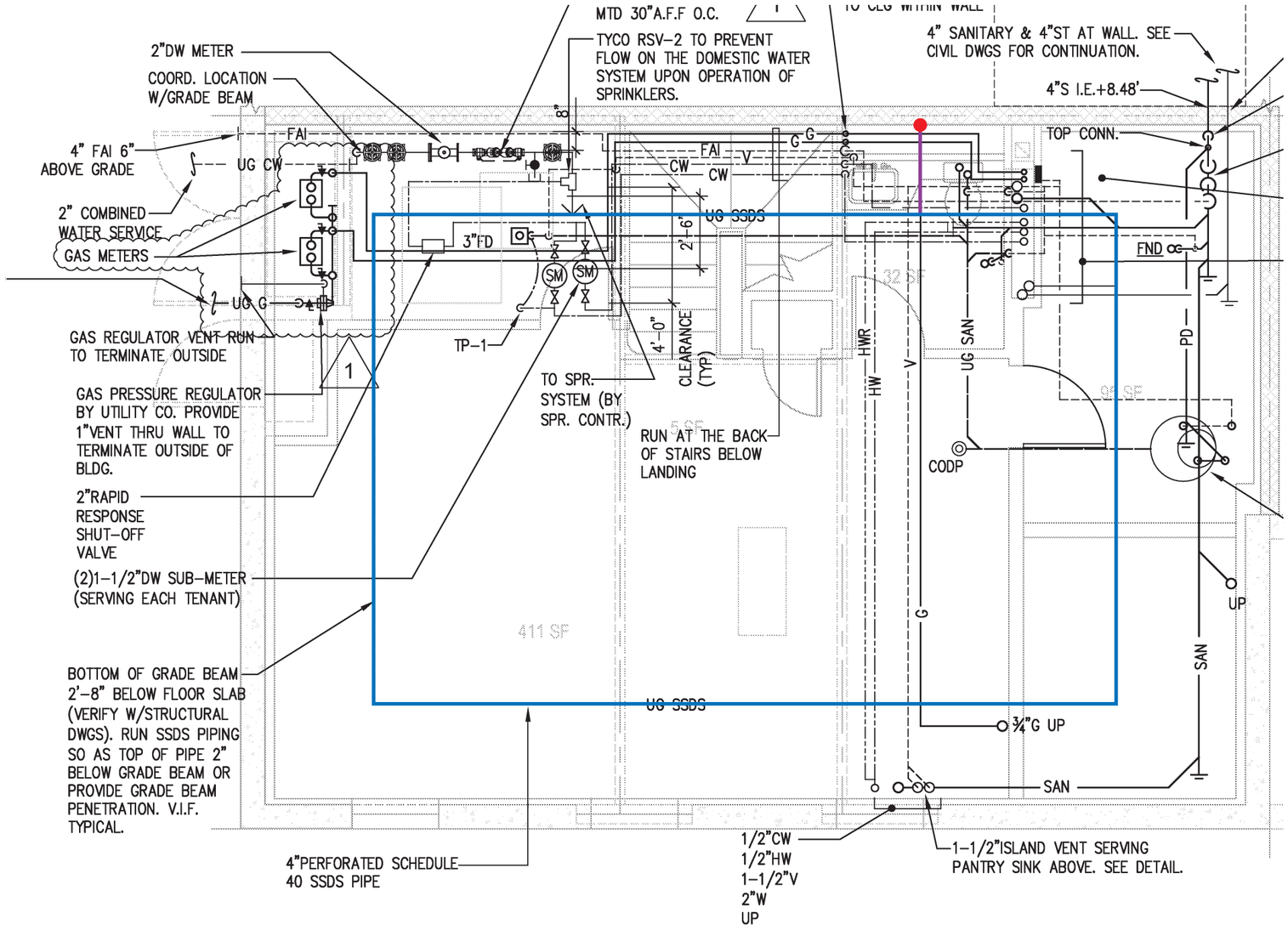
Legend:
- 4" underslab perforated schedule 40 PVC SSDS piping
- 4" underslab solid schedule 40 PVC SSDS
- 4" schedule 40 PVC SSDS riser pipe

Base map provided by Glickman Engineering Associates, PLLC P-103.00 dated 3-23-15, Revised 10-1-15

As-Built - SSDS Design - Cellar - Building A
11th Street

45-35 11th Street and 11-22 45th Road
Queens, New York

File: GQ14076.30
Scale as shown
October 2020 | Appendix



1 CELLAR FLOOR PLUMBING PLAN

Notes:

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STATE OF NEW YORK PHILIP A. BELL 081943 LICENSED PROFESSIONAL ENGINEER

0 5 10
SCALE IN FEET (APPROXIMATELY)

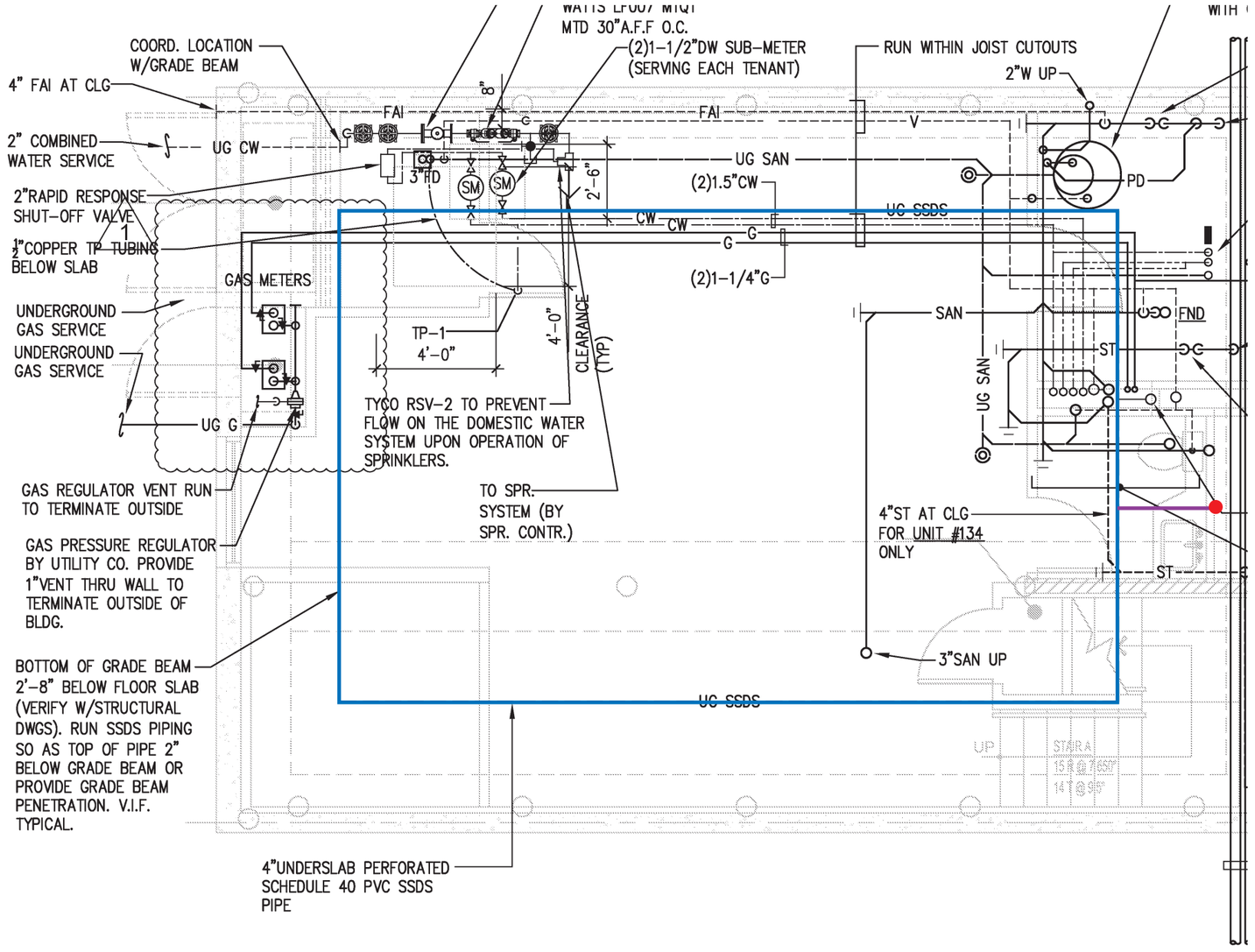
Legend:
- 4" underslab perforated schedule 40 PVC SSDS piping
- 4" underslab solid schedule 40 PVC SSDS
- 4" schedule 40 PVC SSDS riser pipe

Base map provided by Glickman Engineering Associates, PLLC P-104.00 dated 3-23-15, Revised 10-1-15

As-Built - SSDS Design - Cellar - Building C
11th Street

45-35 11th Street and 11-22 45th Road
Queens, New York

File: GQ14076.30
Scale as shown
October 2020 | Appendix



1 CELLAR FLOOR PLUMBING PLAN

Notes:

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7) The General Contractor shall provide shop and coordination drawings for approval.

STATE OF NEW YORK PHILIP A. BELL 081943 LICENSED PROFESSIONAL ENGINEER

0 5 10
SCALE IN FEET (APPROXIMATELY)

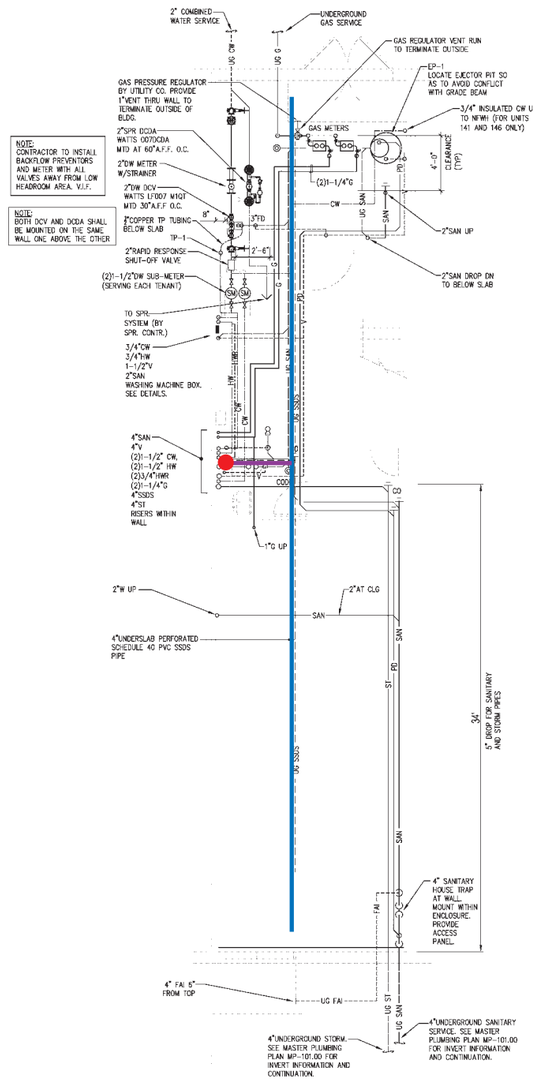
Legend:
- 4" underslab perforated schedule 40 PVC SSDS piping
- 4" underslab solid schedule 40 PVC SSDS
- 4" schedule 40 PVC SSDS riser pipe

Base map provided by Glickman Engineering Associates, PLLC P-115.00 dated 3-23-15, Revised 10-1-15

As-Built - SSDS Design - Cellar - Building E
11th Street

45-35 11th Street and 11-22 45th Road
Queens, New York

File: GQ14076.30
Scale as shown
October 2020 | Appendix



Notes:

1) Sub-slab piping shall be installed at least two inches (2”) below the vapor barrier. All sub-slab piping shall be wrapped in filter fabric (or comparable product) and covered with at least two inches (2”) of 1- 1 ½” clean crushed stone.

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7) The General Contractor shall provide shop and coordination drawings for approval.

Base map provided by Glickman Engineering Associates, PLLC - P-101.00 dated 3-23-15, Revised 10-1-15

Legend:

- 4” underslab perforated schedule 40 PVC SSDS piping
- 4” underslab solid schedule 40 PVC SSDS pipe
- 4” schedule 40 PVC SSDS riser pipe

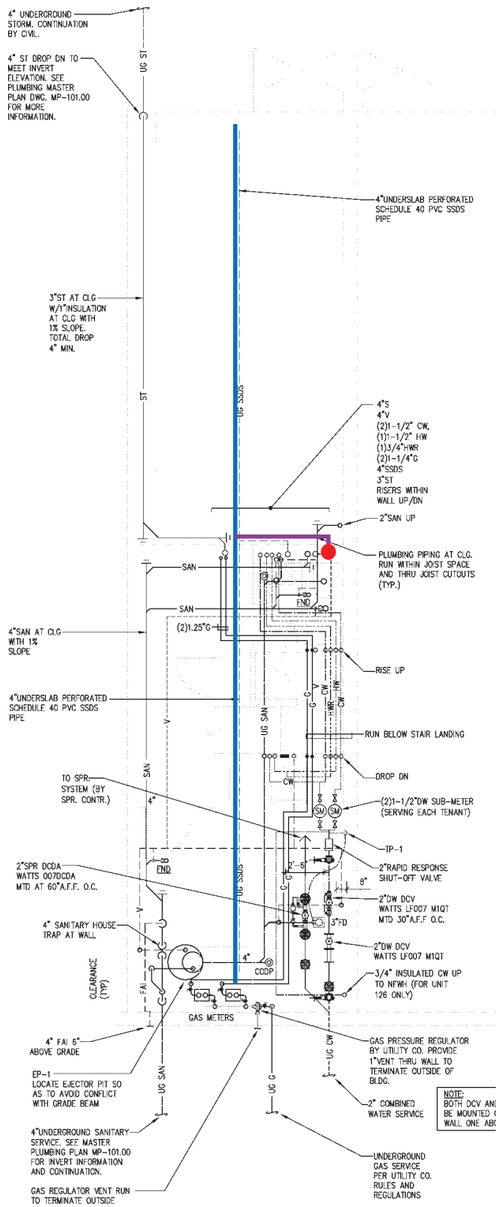
As-Built - SSDS Design - Cellar Floor Plan
45th Road Building

45-35 11th Street and 11-22 45th Road
Queens, New York

File: GQ14076.30

Scale as shown

October 2020 | Appendix



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7) The General Contractor shall provide shop and coordination drawings for approval.

Base map provided by Glickman Engineering Associates, PLLC - P-106.00 dated 3-23-15, Revised 10-1-15

Legend:

- 4” underslab perforated schedule 40 PVC SSDS piping
- 4” underslab solid schedule 40 PVC SSDS pipe
- 4” schedule 40 PVC SSDS riser pipe

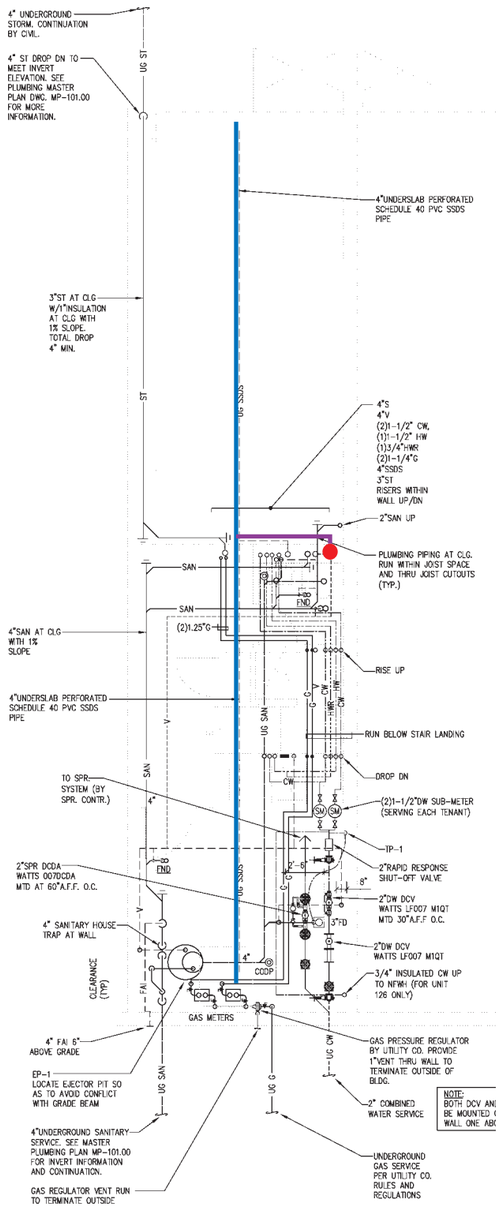
As-Built - SSDS Design - Cellar Floor Plan
46th Avenue Building - Unit 130 Modification

45-35 11th Street and 11-22 45th Road
Queens, New York

File: GQ14076.30

Scale as shown

October 2020 | Appendix



Notes:

1) Sub-slab piping shall be installed at least two inches (2”) below the vapor barrier. All sub-slab piping shall be wrapped in filter fabric (or comparable product) and covered with at least two inches (2”) of 1- 1 ½” clean crushed stone.

2) Sub-slab piping shall be perforated four inch (4”) ID Schedule 40 PVC, joined with appropriate primer/cement to be applied according to manufacturer’s specifications. Piping shall be laid into the gas permeable layer with at least three inches (3”) of 1- 1 ½” clean crushed stone below the piping as indicated in the drawings.

Anticipated subgrade piping requirements (per unit) are as follows:

- 75 linear feet of 4” PVC
- Two (2) 4” PVC caps for ends
- One (1) “T” connector
- One (1) “90” elbow
- Miscellaneous 4” couplings

3) Sub-slab piping shall be positively sloped (0.5%) to the riser pipe and follow the layout indicated in the drawings.

4) System piping slab penetration and vertical riser pipe to be non-perforated four inch (4”) ID Schedule 40 PVC. All vertical piping should be installed in accordance with NYC building codes with appropriate pipe supports.

5) Riser pipe shall run from the system piping slab penetration along the specified chase to the roof level as indicated in the drawings.

6) Riser pipe terminations shall extend at least twelve inches (12”) above the surface of the roof and at least ten feet (10’) from any window, door, or other opening, and HVAC intakes, if not two (2’) feet above such openings. The roof turbine ventilator shall be above the roof.

7) The General Contractor shall provide shop and coordination drawings for approval.

Base map provided by Glickman Engineering Associates, PLLC - P-106.00 dated 3-23-15, Revised 10-1-15

Legend:

- 4” underslab perforated schedule 40 PVC SSDS piping
- 4” underslab solid schedule 40 PVC SSDS pipe
- 4” schedule 40 PVC SSDS riser pipe

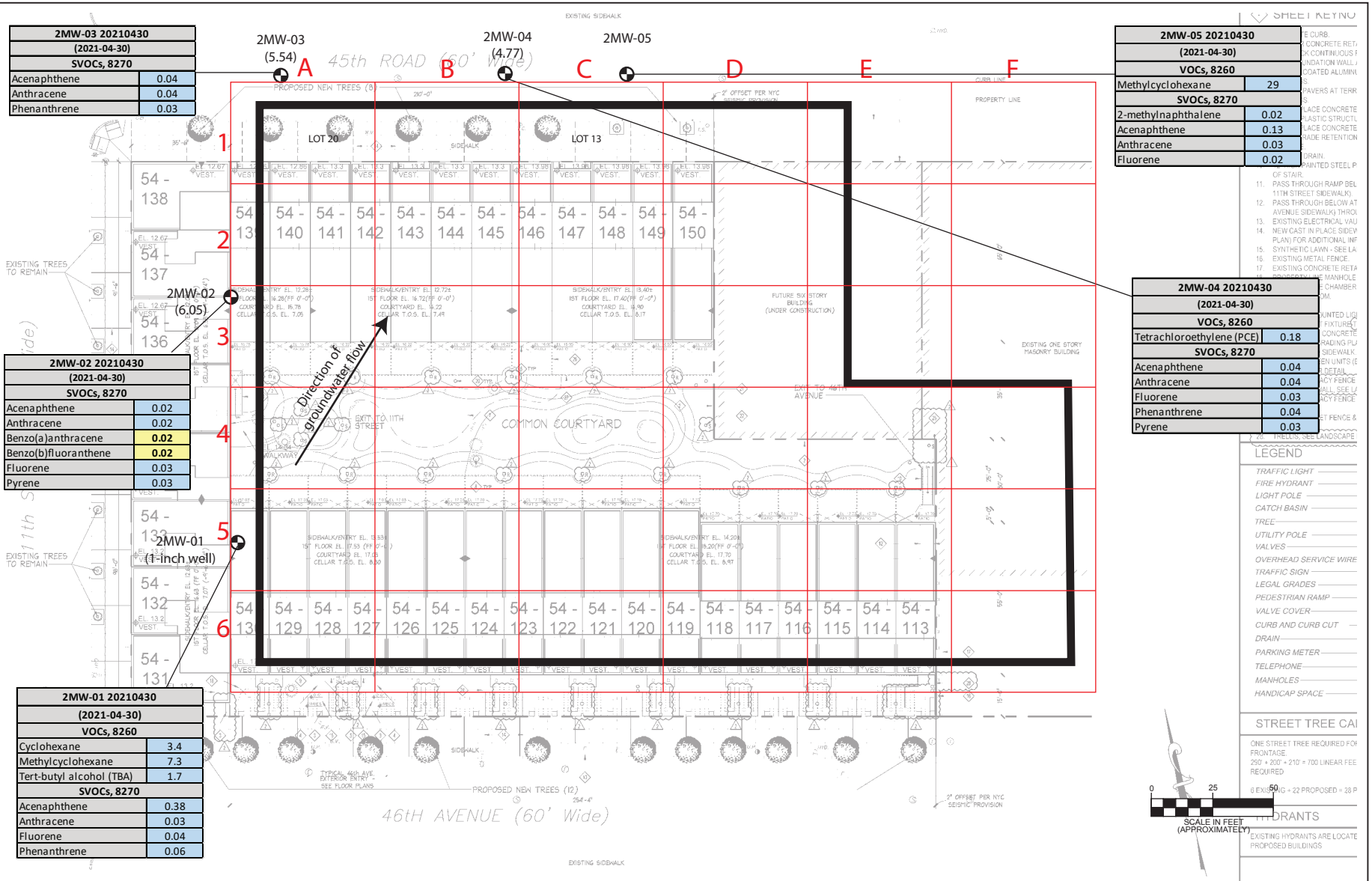
As-Built - SSDS Design - Cellar Floor Plan
46th Avenue Building

45-35 11th Street and 11-22 45th Road
Queens, New York

File: GQ14076.30

Scale as shown

October 2020 | Appendix



Base map provided by Perkin Eastman dated September 9, 2014. All feature locations are approximate. This map is intended as a schematic to be used in conjunction with the associated report, and it should not be relied upon as a survey for planning or other activities.

Figure 4: VOCs and SVOCs Detected in Groundwater

GDC LIC Development
NYSDEC BCP Site: C241172
45-35 11th Street and 11-22 45th Road
Queens, New York

Legend:

- subject property border
- monitoring well location

All data in µg/L (parts per billion, ppb)
Detected concentrations
Concentrations above AWQS

File: GQ14076.50

May 2021

Scale as shown

Appendix A

APPENDIX B

Tables

Table 1: VOCs in Groundwater

NYSDEC Site ID: C241172

GBTS Project: GQ14076

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/L (parts per billion, ppb)	**Sample ID**	**2MW-01 20180402**		**2MW-01 20180802**		**2MW-01 20190314**		**2MW-01 20190613**	
U= Not Detected ≥ indicated value	Sample Date	(2018-04-02)		(2018-08-02)		(2019-03-14)		(2019-06-13)	
Data above AWQS shown in **Bold**	Dilution Factor	1		1		1		1	
VOCs, 8260	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-tetrachloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1,1-trichloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1,2,2-tetrachloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1,2-trichloro-1,2,2-trifluoroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1,2-trichloroethane	1	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1-dichloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1-dichloroethylene (1,1-DCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2,3-trichlorobenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2,3-trichloropropane	0.04	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2,4-trichlorobenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2,4-trimethylbenzene	5	0.52		0.2	*U*	0.2	*U*	0.2	*U*
1,2-dibromo-3-chloropropane	0.04	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-dibromoethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-dichlorobenzene	3	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-dichloroethane	0.6	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-dichloropropane	1	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,3,5-trimethylbenzene	5	0.55		0.2	*U*	0.2	*U*	0.2	*U*
1,3-dichlorobenzene	3	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,4-dichlorobenzene	3	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,4-dioxane	NA	40	*U*	40	*U*	40	*U*	40	*U*
2-butanone (MEK)	50	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
2-hexanone (MBK)	50	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
4-methyl-2-pentanone	NA	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
acetone	50	2.5	*B*	6.5		1	*U*	1	*U*
acrolein	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
acrylonitrile	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
benzene	1	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
bromochloromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
bromodichloromethane	50	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
bromoform	50	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
bromomethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
carbon disulfide	NA	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
carbon tetrachloride	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
chlorobenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
chloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
chloroform	7	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
chloromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
cis-1,2-dichloroethylene (cis-DCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
cis-1,3-dichloropropylene	0.4	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
cyclohexane	NA	14		7.2		1.52		1.28	
dibromochloromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
dibromomethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
dichlorodifluoromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
ethyl benzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
hexachlorobutadiene	0.5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
isopropylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
methyl acetate	NA	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
methyl tert-butyl ether (MTBE)	10	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
methylcyclohexane	NA	36		18		2.57		2.69	
methylene chloride	5	1	*U*	1	*U*	1	*U*	1	*U*
n-butylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
n-propylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
o-xylene (included in total xylenes)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
p- & m- xylenes (included in total xylenes)	5	3.6		1.2		0.5	*U*	0.5	*U*
p-isopropyltoluene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
sec-butylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
styrene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
tert-butyl alcohol (TBA)	NA	0.5	*U*	1.6		2.23	*J*	0.5	*U*
tert-butylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
tetrachloroethylene (PCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
toluene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
trans-1,2-dichloroethylene (trans-DCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
trans-1,3-dichloropropylene	0.4	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
trichloroethylene (TCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
trichlorofluoromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
vinyl chloride (VC)	2	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
xylenes, total	5	3.6		1.2	*J*	0.6	*U*	0.6	*U*
TOTAL chlorinated compounds		Not Detected		Not Detected		Not Detected		Not Detected	
TOTAL petroleum compounds		55		26		4.1		4.0	
TOTAL BTEX		3.6		1.2		Not Detected		Not Detected	
TOTAL VOCs		57		35		6.3		4.0	

Detected concentrations

Concentrations above AWQS

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 1: VOCs in Groundwater

NYSDEC Site ID: C241172

GBTS Project: GQ14076

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/L (parts per billion, ppb)	**Sample ID**	**2MW-01 20190917**		**DUP-20190917**		**2MW-01 20200115**		**DUP-20200115**	
U= Not Detected ≥ indicated value	Sample Date	(2019-09-17)		(2019-09-17)		(2020-01-15)		(2020-01-15)	
Data above AWQS shown in **Bold**	Dilution Factor	1		1		1		1	
VOCs, 8260	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-tetrachloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1,1-trichloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1,2,2-tetrachloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1,2-trichloro-1,2,2-trifluoroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1,2-trichloroethane	1	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1-dichloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1-dichloroethylene (1,1-DCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2,3-trichlorobenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2,3-trichloropropane	0.04	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2,4-trichlorobenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2,4-trimethylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-dibromo-3-chloropropane	0.04	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-dibromoethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-dichlorobenzene	3	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-dichloroethane	0.6	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-dichloropropane	1	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,3,5-trimethylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,3-dichlorobenzene	3	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,4-dichlorobenzene	3	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,4-dioxane	NA	40	*U*	40	*U*	40	*U*	40	*U*
2-butanone (MEK)	50	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
2-hexanone (MBK)	50	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
4-methyl-2-pentanone	NA	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
acetone	50	1	*U*	1.04	*J*	1	*U*	1	*U*
acrolein	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
acrylonitrile	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
benzene	1	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
bromochloromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
bromodichloromethane	50	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
bromoform	50	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
bromomethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
carbon disulfide	NA	0.2	*U*	0.23	*J*	0.2	*U*	0.2	*U*
carbon tetrachloride	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
chlorobenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
chloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
chloroform	7	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
chloromethane	5	0.2	*U*	0.2	*U*	0.28	*J*	0.2	*U*
cis-1,2-dichloroethylene (cis-DCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
cis-1,3-dichloropropylene	0.4	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
cyclohexane	NA	1.56		1.52		0.49	*J*	0.5	
dibromochloromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
dibromomethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
dichlorodifluoromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
ethyl benzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
hexachlorobutadiene	0.5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
isopropylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
methyl acetate	NA	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
methyl tert-butyl ether (MTBE)	10	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
methylcyclohexane	NA	2.83		2.96		2.25		2.15	
methylene chloride	5	1	*U*	1	*U*	1	*U*	1	*U*
n-butylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
n-propylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
o-xylene (included in total xylenes)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
p- & m- xylenes (included in total xylenes)	5	0.5	*U*	0.5	*U*	0.5	*U*	0.5	*U*
p-isopropyltoluene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
sec-butylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
styrene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
tert-butyl alcohol (TBA)	NA	0.5	*U*	0.5	*U*	0.5	*U*	2.15	
tert-butylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
tetrachloroethylene (PCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
toluene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
trans-1,2-dichloroethylene (trans-DCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
trans-1,3-dichloropropylene	0.4	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
trichloroethylene (TCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
trichlorofluoromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
vinyl chloride (VC)	2	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
xylenes, total	5	0.6	*U*	0.6	*U*	0.6	*U*	0.6	*U*
TOTAL chlorinated compounds		Not Detected		Not Detected		0.28		Not Detected	
TOTAL petroleum compounds		4.4		4.5		2.7		2.7	
TOTAL BTEX		Not Detected		Not Detected		Not Detected		Not Detected	
TOTAL VOCs		4.4		5.8		3		4.8	

Detected concentrations

Concentrations above AWQS

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 1: VOCs in Groundwater

NYSDEC Site ID: C241172

GBTS Project: GQ14076

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/L (parts per billion, ppb)	**Sample ID**	**2MW-01 20200505**		**2MW-01 20210430**		**2MW-02 20180402**		**2MW-02 20180802**	
U= Not Detected ≥ indicated value	Sample Date	(2020-05-05)		(2021-04-30)		(2018-04-02)		(2018-08-02)	
Data above AWQS shown in **Bold**	Dilution Factor	1		1		1		1	
VOCs, 8260	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-tetrachloroethane	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
1,1,1-trichloroethane	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
1,1,2,2-tetrachloroethane	5	0.2	*U*	0.17	*U*	0.2	*U*	0.2	*U*
1,1,2-trichloro-1,2,2-trifluoroethane	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
1,1,2-trichloroethane	1	0.2	*U*	0.5	*U*	0.2	*U*	0.2	*U*
1,1-dichloroethane	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
1,1-dichloroethylene (1,1-DCE)	5	0.2	*U*	0.17	*U*	0.2	*U*	0.2	*U*
1,2,3-trichlorobenzene	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
1,2,3-trichloropropane	0.04	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
1,2,4-trichlorobenzene	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
1,2,4-trimethylbenzene	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
1,2-dibromo-3-chloropropane	0.04	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
1,2-dibromoethane	5	0.2	*U*	0.65	*U*	0.2	*U*	0.2	*U*
1,2-dichlorobenzene	3	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
1,2-dichloroethane	0.6	0.2	*U*	0.13	*U*	0.2	*U*	0.2	*U*
1,2-dichloropropane	1	0.2	*U*	0.14	*U*	0.2	*U*	0.2	*U*
1,3,5-trimethylbenzene	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
1,3-dichlorobenzene	3	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
1,4-dichlorobenzene	3	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
1,4-dioxane	NA	40	*U*	61	*U*	40	*U*	40	*U*
2-butanone (MEK)	50	0.2	*U*	1.9	*U*	0.2	*U*	0.2	*U*
2-hexanone (MBK)	50	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*
4-methyl-2-pentanone	NA	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*
acetone	50	1	*U*	1.5	*U*	1	*U*	14	
acrolein	5	0.2	*U*	0.44	*U*	0.2	*U*	0.2	*U*
acrylonitrile	5	0.2	*U*	1.5	*U*	0.2	*U*	0.2	*U*
benzene	1	0.2	*U*	0.16	*U*	0.2	*U*	0.2	*U*
bromochloromethane	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
bromodichloromethane	50	0.2	*U*	0.19	*U*	1.4		0.2	*U*
bromoform	50	0.2	*U*	0.65	*U*	0.2	*U*	0.2	*U*
bromomethane	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
carbon disulfide	NA	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*
carbon tetrachloride	5	0.2	*U*	0.13	*U*	0.2	*U*	0.2	*U*
chlorobenzene	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
chloroethane	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
chloroform	7	0.2	*U*	0.7	*U*	**14**		3.8	
chloromethane	5	0.2	*U*	NA		0.2	*U*	0.2	*U*
cis-1,2-dichloroethylene (cis-DCE)	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
cis-1,3-dichloropropylene	0.4	0.2	*U*	0.14	*U*	0.2	*U*	0.2	*U*
cyclohexane	NA	1.99		3.4	*J*	0.2	*U*	0.2	*U*
dibromochloromethane	5	0.2	*U*	0.15	*U*	0.2	*U*	0.2	*U*
dibromomethane	5	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*
dichlorodifluoromethane	5	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*
ethyl benzene	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
hexachlorobutadiene	0.5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
isopropylbenzene	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
methyl acetate	NA	0.2	*U*	0.23	*U*	0.2	*U*	0.2	*U*
methyl tert-butyl ether (MTBE)	10	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
methylcyclohexane	NA	3.89		7.3	*J*	0.2	*U*	0.2	*U*
methylene chloride	5	1	*U*	0.7	*U*	1	*U*	1	*U*
n-butylbenzene	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
n-propylbenzene	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
o-xylene (included in total xylenes)	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
p- & m- xylenes (included in total xylenes)	5	0.5	*U*	0.7	*U*	0.5	*U*	0.5	*U*
p-isopropyltoluene	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
sec-butylbenzene	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
styrene	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
tert-butyl alcohol (TBA)	NA	0.5	*U*	1.7	*J*	0.5	*U*	1.1	
tert-butylbenzene	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
tetrachloroethylene (PCE)	5	0.2	*U*	0.18	*U*	0.2	*U*	0.2	*U*
toluene	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
trans-1,2-dichloroethylene (trans-DCE)	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
trans-1,3-dichloropropylene	0.4	0.2	*U*	0.16	*U*	0.2	*U*	0.2	*U*
trichloroethylene (TCE)	5	0.2	*U*	0.18	*U*	0.2	*U*	0.2	*U*
trichlorofluoromethane	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
vinyl chloride (VC)	2	0.2	*U*	0.07	*U*	0.2	*U*	0.2	*U*
xylenes, total	5	0.6	*U*	0.7	*U*	0.6	*U*	0.6	*U*
TOTAL chlorinated compounds		Not Detected		Not Detected		15		3.8	
TOTAL petroleum compounds		5.9		11		Not Detected		Not Detected	
TOTAL BTEX		Not Detected		Not Detected		Not Detected		Not Detected	
TOTAL VOCs		5.9		12		15		19	

Detected concentrations

Concentrations above AWQS

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 1: VOCs in Groundwater

NYSDEC Site ID: C241172

GBTS Project: GQ14076

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/L (parts per billion, ppb)	**Sample ID**	**2MW-02 20190314**		**DUP-20190314**		**2MW-02 20190613**		**2MW-02 20190917**	
U= Not Detected ≥ indicated value	Sample Date	(2019-03-14)		(2019-03-14)		(2019-06-13)		(2019-09-17)	
Data above AWQS shown in **Bold**	Dilution Factor	1		2		1		1	
VOCs, 8260	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-tetrachloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1,1-trichloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1,2,2-tetrachloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1,2-trichloro-1,2,2-trifluoroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1,2-trichloroethane	1	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1-dichloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1-dichloroethylene (1,1-DCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2,3-trichlorobenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2,3-trichloropropane	0.04	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2,4-trichlorobenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2,4-trimethylbenzene	5	2.81		3.09		0.2	*U*	0.2	*U*
1,2-dibromo-3-chloropropane	0.04	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-dibromoethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-dichlorobenzene	3	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-dichloroethane	0.6	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-dichloropropane	1	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,3,5-trimethylbenzene	5	1.62		1.82		0.2	*U*	0.2	*U*
1,3-dichlorobenzene	3	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,4-dichlorobenzene	3	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,4-dioxane	NA	40	*U*	40	*U*	40	*U*	40	*U*
2-butanone (MEK)	50	0.82		0.2	*U*	0.94	*J*	0.2	*U*
2-hexanone (MBK)	50	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
4-methyl-2-pentanone	NA	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
acetone	50	1.05	*J*	2.07		2.44		1.07	*J*
acrolein	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
acrylonitrile	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
benzene	1	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
bromochloromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
bromodichloromethane	50	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
bromoform	50	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
bromomethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
carbon disulfide	NA	0.2	*U*	0.2	*U*	0.2	*U*	0.25	*J*
carbon tetrachloride	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
chlorobenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
chloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
chloroform	7	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
chloromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
cis-1,2-dichloroethylene (cis-DCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
cis-1,3-dichloropropylene	0.4	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
cyclohexane	NA	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
dibromochloromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
dibromomethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
dichlorodifluoromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
ethyl benzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
hexachlorobutadiene	0.5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
isopropylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
methyl acetate	NA	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
methyl tert-butyl ether (MTBE)	10	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
methylcyclohexane	NA	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
methylene chloride	5	1	*U*	1	*U*	1	*U*	1	*U*
n-butylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
n-propylbenzene	5	0.23	*J*	0.33	*J*	0.2	*U*	0.2	*U*
o-xylene (included in total xylenes)	5	0.85		0.96		0.2	*U*	0.2	*U*
p- & m- xylenes (included in total xylenes)	5	0.84	*J*	0.94	*J*	0.5	*U*	0.5	*U*
p-isopropyltoluene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
sec-butylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
styrene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
tert-butyl alcohol (TBA)	NA	3.57		2.95		0.5	*U*	0.5	*U*
tert-butylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
tetrachloroethylene (PCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
toluene	5	0.2	*U*	0.29	*J*	0.2	*U*	0.2	*U*
trans-1,2-dichloroethylene (trans-DCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
trans-1,3-dichloropropylene	0.4	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
trichloroethylene (TCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
trichlorofluoromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
vinyl chloride (VC)	2	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
xylenes, total	5	1.69		1.9		0.6	*U*	0.6	*U*
TOTAL chlorinated compounds		Not Detected		Not Detected		Not Detected		Not Detected	
TOTAL petroleum compounds		6.4		7.4		Not Detected		Not Detected	
TOTAL BTEX		1.7		2.2		Not Detected		Not Detected	
TOTAL VOCs		12		12		3.4		1.3	

Detected concentrations

Concentrations above AWQS

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 1: VOCs in Groundwater

NYSDEC Site ID: C241172

GBTS Project: GQ14076

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/L (parts per billion, ppb)	**Sample ID**	**2MW-02 20200115**		**2MW-02 20200505**		**2MW-02 20210430**		**2MW-03 20180402**	
U= Not Detected ≥ indicated value	Sample Date	(2020-01-15)		(2020-05-05)		(2021-04-30)		(2018-04-02)	
Data above AWQS shown in **Bold**	Dilution Factor	1		1		1		1	
VOCs, 8260	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-tetrachloroethane	5	0.2	*U*	*No Data*		0.7	*U*	0.2	*U*
1,1,1-trichloroethane	5	0.2	*U*	*No Data*		0.7	*U*	0.2	*U*
1,1,2,2-tetrachloroethane	5	0.2	*U*	*No Data*		0.17	*U*	0.2	*U*
1,1,2-trichloro-1,2,2-trifluoroethane	5	0.2	*U*	*No Data*		0.7	*U*	0.2	*U*
1,1,2-trichloroethane	1	0.2	*U*	*No Data*		0.5	*U*	0.2	*U*
1,1-dichloroethane	5	0.2	*U*	*No Data*		0.7	*U*	0.2	*U*
1,1-dichloroethylene (1,1-DCE)	5	0.2	*U*	*No Data*		0.17	*U*	0.2	*U*
1,2,3-trichlorobenzene	5	0.2	*U*	*No Data*		0.7	*U*	0.2	*U*
1,2,3-trichloropropane	0.04	0.2	*U*	*No Data*		0.7	*U*	0.2	*U*
1,2,4-trichlorobenzene	5	0.2	*U*	*No Data*		0.7	*U*	0.2	*U*
1,2,4-trimethylbenzene	5	0.2	*U*	*No Data*		0.7	*U*	0.2	*U*
1,2-dibromo-3-chloropropane	0.04	0.2	*U*	*No Data*		0.7	*U*	0.2	*U*
1,2-dibromoethane	5	0.2	*U*	*No Data*		0.65	*U*	0.2	*U*
1,2-dichlorobenzene	3	0.2	*U*	*No Data*		0.7	*U*	0.2	*U*
1,2-dichloroethane	0.6	0.2	*U*	*No Data*		0.13	*U*	0.2	*U*
1,2-dichloropropane	1	0.2	*U*	*No Data*		0.14	*U*	0.2	*U*
1,3,5-trimethylbenzene	5	0.2	*U*	*No Data*		0.7	*U*	0.2	*U*
1,3-dichlorobenzene	3	0.2	*U*	*No Data*		0.7	*U*	0.2	*U*
1,4-dichlorobenzene	3	0.2	*U*	*No Data*		0.7	*U*	0.2	*U*
1,4-dioxane	NA	40	*U*	*No Data*		61	*U*	40	*U*
2-butanone (MEK)	50	0.2	*U*	*No Data*		1.9	*U*	0.2	*U*
2-hexanone (MBK)	50	0.2	*U*	*No Data*		1	*U*	0.2	*U*
4-methyl-2-pentanone	NA	0.2	*U*	*No Data*		1	*U*	0.2	*U*
acetone	50	1	*U*	*No Data*		1.5	*U*	7.6	*B*
acrolein	5	0.2	*U*	*No Data*		0.44	*U*	0.2	*U*
acrylonitrile	5	0.2	*U*	*No Data*		1.5	*U*	0.2	*U*
benzene	1	0.2	*U*	*No Data*		0.16	*U*	0.2	*U*
bromochloromethane	5	0.2	*U*	*No Data*		0.7	*U*	0.2	*U*
bromodichloromethane	50	0.2	*U*	*No Data*		0.19	*U*	0.2	*U*
bromoform	50	0.2	*U*	*No Data*		0.65	*U*	0.2	*U*
bromomethane	5	0.2	*U*	*No Data*		0.7	*U*	0.2	*U*
carbon disulfide	NA	0.2	*U*	*No Data*		1	*U*	0.2	*U*
carbon tetrachloride	5	0.2	*U*	*No Data*		0.13	*U*	0.2	*U*
chlorobenzene	5	0.2	*U*	*No Data*		0.7	*U*	0.2	*U*
chloroethane	5	0.2	*U*	*No Data*		0.7	*U*	0.2	*U*
chloroform	7	0.2	*U*	*No Data*		0.7	*U*	0.2	*U*
chloromethane	5	0.2	*U*	*No Data*		NA		0.2	*U*
cis-1,2-dichloroethylene (cis-DCE)	5	0.2	*U*	*No Data*		0.7	*U*	0.2	*U*
cis-1,3-dichloropropylene	0.4	0.2	*U*	*No Data*		0.14	*U*	0.2	*U*
cyclohexane	NA	0.2	*U*	*No Data*		0.27	*U*	0.2	*U*
dibromochloromethane	5	0.2	*U*	*No Data*		0.15	*U*	0.2	*U*
dibromomethane	5	0.2	*U*	*No Data*		1	*U*	0.2	*U*
dichlorodifluoromethane	5	0.2	*U*	*No Data*		1	*U*	0.2	*U*
ethyl benzene	5	0.2	*U*	*No Data*		0.7	*U*	0.2	*U*
hexachlorobutadiene	0.5	0.2	*U*	*No Data*		0.7	*U*	0.2	*U*
isopropylbenzene	5	0.2	*U*	*No Data*		0.7	*U*	0.2	*U*
methyl acetate	NA	0.2	*U*	*No Data*		0.23	*U*	0.2	*U*
methyl tert-butyl ether (MTBE)	10	0.2	*U*	*No Data*		0.4	*U*	0.2	*U*
methylcyclohexane	NA	0.2	*U*	*No Data*		0.7	*U*	0.2	*U*
methylene chloride	5	1	*U*	*No Data*		0.7	*U*	1	*U*
n-butylbenzene	5	0.2	*U*	*No Data*		0.7	*U*	0.2	*U*
n-propylbenzene	5	0.2	*U*	*No Data*		0.7	*U*	0.2	*U*
o-xylene (included in total xylenes)	5	0.2	*U*	*No Data*		0.7	*U*	0.2	*U*
p- & m- xylenes (included in total xylenes)	5	0.5	*U*	*No Data*		0.7	*U*	0.5	*U*
p-isopropyltoluene	5	0.2	*U*	*No Data*		0.7	*U*	0.2	*U*
sec-butylbenzene	5	0.2	*U*	*No Data*		0.7	*U*	0.2	*U*
styrene	5	0.2	*U*	*No Data*		0.7	*U*	0.2	*U*
tert-butyl alcohol (TBA)	NA	0.5	*U*	*No Data*		1.4	*U*	0.5	*U*
tert-butylbenzene	5	0.2	*U*	*No Data*		0.7	*U*	0.2	*U*
tetrachloroethylene (PCE)	5	0.2	*U*	*No Data*		0.18	*U*	0.2	*U*
toluene	5	0.2	*U*	*No Data*		0.7	*U*	0.2	*U*
trans-1,2-dichloroethylene (trans-DCE)	5	0.2	*U*	*No Data*		0.7	*U*	0.2	*U*
trans-1,3-dichloropropylene	0.4	0.2	*U*	*No Data*		0.16	*U*	0.2	*U*
trichloroethylene (TCE)	5	0.2	*U*	*No Data*		0.18	*U*	0.2	*U*
trichlorofluoromethane	5	0.2	*U*	*No Data*		0.7	*U*	0.2	*U*
vinyl chloride (VC)	2	0.2	*U*	*No Data*		0.07	*U*	0.2	*U*
xylenes, total	5	0.6	*U*	*No Data*		0.7	*U*	0.6	*U*
TOTAL chlorinated compounds		Not Detected		No Data		Not Detected		Not Detected	
TOTAL petroleum compounds		Not Detected		No Data		Not Detected		Not Detected	
TOTAL BTEX		Not Detected		No Data		Not Detected		Not Detected	
TOTAL VOCs		Not Detected		No Data		Not Detected		7.6	

Detected concentrations

Concentrations above AWQS

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 1: VOCs in Groundwater

NYSDEC Site ID: C241172

GBTS Project: GQ14076

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/L (parts per billion, ppb)	**Sample ID**	**2MW-03 20180802**		**2MW-03 20190314**		**2MW-03 20190613**		**2MW-03 20190917**	
U= Not Detected ≥ indicated value	Sample Date	(2018-08-02)		(2019-03-14)		(2019-06-13)		(2019-09-17)	
Data above AWQS shown in **Bold**	Dilution Factor	1		1		1		1	
VOCs, 8260	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-tetrachloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1,1-trichloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1,2,2-tetrachloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1,2-trichloro-1,2,2-trifluoroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1,2-trichloroethane	1	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1-dichloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1-dichloroethylene (1,1-DCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2,3-trichlorobenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2,3-trichloropropane	0.04	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2,4-trichlorobenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2,4-trimethylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-dibromo-3-chloropropane	0.04	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-dibromoethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-dichlorobenzene	3	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-dichloroethane	0.6	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-dichloropropane	1	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,3,5-trimethylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,3-dichlorobenzene	3	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,4-dichlorobenzene	3	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,4-dioxane	NA	40	*U*	40	*U*	40	*U*	40	*U*
2-butanone (MEK)	50	0.2	*U*	0.95		0.2	*U*	0.2	*U*
2-hexanone (MBK)	50	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
4-methyl-2-pentanone	NA	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
acetone	50	1.2	*J*	1.66	*J*	1.39	*J*	1.38	*J*
acrolein	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
acrylonitrile	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
benzene	1	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
bromochloromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
bromodichloromethane	50	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
bromoform	50	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
bromomethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
carbon disulfide	NA	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*J*
carbon tetrachloride	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
chlorobenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
chloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
chloroform	7	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
chloromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
cis-1,2-dichloroethylene (cis-DCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
cis-1,3-dichloropropylene	0.4	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
cyclohexane	NA	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
dibromochloromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
dibromomethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
dichlorodifluoromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
ethyl benzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
hexachlorobutadiene	0.5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
isopropylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
methyl acetate	NA	0.2	*U*	0.74		0.2	*U*	0.2	*U*
methyl tert-butyl ether (MTBE)	10	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
methylcyclohexane	NA	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
methylene chloride	5	1	*U*	1	*U*	1	*U*	1	*U*
n-butylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
n-propylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
o-xylene (included in total xylenes)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
p- & m- xylenes (included in total xylenes)	5	0.5	*U*	0.5	*U*	0.5	*U*	0.5	*U*
p-isopropyltoluene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
sec-butylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
styrene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
tert-butyl alcohol (TBA)	NA	1.5		3.51		0.5	*U*	0.5	*U*
tert-butylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
tetrachloroethylene (PCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
toluene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
trans-1,2-dichloroethylene (trans-DCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
trans-1,3-dichloropropylene	0.4	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
trichloroethylene (TCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
trichlorofluoromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
vinyl chloride (VC)	2	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
xylenes, total	5	0.6	*U*	0.6	*U*	0.6	*U*	0.6	*U*
TOTAL chlorinated compounds		Not Detected		Not Detected		Not Detected		Not Detected	
TOTAL petroleum compounds		Not Detected		Not Detected		Not Detected		Not Detected	
TOTAL BTEX		Not Detected		Not Detected		Not Detected		Not Detected	
TOTAL VOCs		2.7		6.9		1.4		1.6	

Detected concentrations

Concentrations above AWQS

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 1: VOCs in Groundwater

NYSDEC Site ID: C241172

GBTS Project: GQ14076

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/L (parts per billion, ppb)	**Sample ID**	**2MW-03 20200115**		**2MW-03 20200505**		**DUP-20200505**		**2MW-03 20210430**	
U= Not Detected ≥ indicated value	Sample Date	(2020-01-15)		(2020-05-05)		(2020-05-05)		(2021-04-30)	
Data above AWQS shown in **Bold**	Dilution Factor	1		1		1		1	
VOCs, 8260	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-tetrachloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.7	*U*
1,1,1-trichloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.7	*U*
1,1,2,2-tetrachloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.17	*U*
1,1,2-trichloro-1,2,2-trifluoroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.7	*U*
1,1,2-trichloroethane	1	0.2	*U*	0.2	*U*	0.2	*U*	0.5	*U*
1,1-dichloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.7	*U*
1,1-dichloroethylene (1,1-DCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.17	*U*
1,2,3-trichlorobenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.7	*U*
1,2,3-trichloropropane	0.04	0.2	*U*	0.2	*U*	0.2	*U*	0.7	*U*
1,2,4-trichlorobenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.7	*U*
1,2,4-trimethylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.7	*U*
1,2-dibromo-3-chloropropane	0.04	0.2	*U*	0.2	*U*	0.2	*U*	0.7	*U*
1,2-dibromoethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.65	*U*
1,2-dichlorobenzene	3	0.2	*U*	0.2	*U*	0.2	*U*	0.7	*U*
1,2-dichloroethane	0.6	0.2	*U*	0.2	*U*	0.2	*U*	0.13	*U*
1,2-dichloropropane	1	0.2	*U*	0.2	*U*	0.2	*U*	0.14	*U*
1,3,5-trimethylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.7	*U*
1,3-dichlorobenzene	3	0.2	*U*	0.2	*U*	0.2	*U*	0.7	*U*
1,4-dichlorobenzene	3	0.2	*U*	0.2	*U*	0.2	*U*	0.7	*U*
1,4-dioxane	NA	40	*U*	40	*U*	40	*U*	61	*U*
2-butanone (MEK)	50	0.2	*U*	0.2	*U*	0.2	*U*	1.9	*U*
2-hexanone (MBK)	50	0.2	*U*	0.2	*U*	0.2	*U*	1	*U*
4-methyl-2-pentanone	NA	0.2	*U*	0.2	*U*	0.2	*U*	1	*U*
acetone	50	1	*U*	1	*U*	1	*U*	1.5	*U*
acrolein	5	0.2	*U*	0.2	*U*	0.2	*U*	0.44	*U*
acrylonitrile	5	0.2	*U*	0.2	*U*	0.2	*U*	1.5	*U*
benzene	1	0.2	*U*	0.2	*U*	0.2	*U*	0.16	*U*
bromochloromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.7	*U*
bromodichloromethane	50	0.2	*U*	0.2	*U*	0.2	*U*	0.19	*U*
bromoform	50	0.2	*U*	0.2	*U*	0.2	*U*	0.65	*U*
bromomethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.7	*U*
carbon disulfide	NA	0.2	*U*	0.2	*U*	0.2	*U*	1	*U*
carbon tetrachloride	5	0.2	*U*	0.2	*U*	0.2	*U*	0.13	*U*
chlorobenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.7	*U*
chloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.7	*U*
chloroform	7	0.2	*U*	0.2	*U*	0.2	*U*	0.7	*U*
chloromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	NA	
cis-1,2-dichloroethylene (cis-DCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.7	*U*
cis-1,3-dichloropropylene	0.4	0.2	*U*	0.2	*U*	0.2	*U*	0.14	*U*
cyclohexane	NA	0.2	*U*	0.2	*U*	0.2	*U*	0.27	*U*
dibromochloromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.15	*U*
dibromomethane	5	0.2	*U*	0.2	*U*	0.2	*U*	1	*U*
dichlorodifluoromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	1	*U*
ethyl benzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.7	*U*
hexachlorobutadiene	0.5	0.2	*U*	0.2	*U*	0.2	*U*	0.7	*U*
isopropylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.7	*U*
methyl acetate	NA	0.2	*U*	0.2	*U*	0.2	*U*	0.23	*U*
methyl tert-butyl ether (MTBE)	10	0.2	*U*	0.2	*U*	0.2	*U*	0.4	*U*
methylcyclohexane	NA	0.2	*U*	0.2	*U*	0.2	*U*	0.7	*U*
methylene chloride	5	1	*U*	1	*U*	1	*U*	0.7	*U*
n-butylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.7	*U*
n-propylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.7	*U*
o-xylene (included in total xylenes)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.7	*U*
p- & m- xylenes (included in total xylenes)	5	0.5	*U*	0.5	*U*	0.5	*U*	0.7	*U*
p-isopropyltoluene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.7	*U*
sec-butylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.7	*U*
styrene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.7	*U*
tert-butyl alcohol (TBA)	NA	1.57		0.5	*U*	0.5	*U*	1.4	*U*
tert-butylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.7	*U*
tetrachloroethylene (PCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.18	*U*
toluene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.7	*U*
trans-1,2-dichloroethylene (trans-DCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.7	*U*
trans-1,3-dichloropropylene	0.4	0.2	*U*	0.2	*U*	0.2	*U*	0.16	*U*
trichloroethylene (TCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.18	*U*
trichlorofluoromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.7	*U*
vinyl chloride (VC)	2	0.2	*U*	0.2	*U*	0.2	*U*	0.07	*U*
xylenes, total	5	0.6	*U*	0.6	*U*	0.6	*U*	0.7	*U*
TOTAL chlorinated compounds		Not Detected		Not Detected		Not Detected		Not Detected	
TOTAL petroleum compounds		Not Detected		Not Detected		Not Detected		Not Detected	
TOTAL BTEX		Not Detected		Not Detected		Not Detected		Not Detected	
TOTAL VOCs		1.6		Not Detected		Not Detected		Not Detected	

Detected concentrations

Concentrations above AWQS

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 1: VOCs in Groundwater

NYSDEC Site ID: C241172

GBTS Project: GQ14076

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/L (parts per billion, ppb)	**Sample ID**	**DUP-20210430**		**2MW-04 20180402**		**2MW-04 20180802**		**2MW-04 20190314**	
U= Not Detected ≥ indicated value	Sample Date	(2021-04-30)		(2018-04-02)		(2018-08-02)		(2019-03-14)	
Data above AWQS shown in **Bold**	Dilution Factor	1		1		1		1	
VOCs, 8260	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-tetrachloroethane	5	0.7	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1,1-trichloroethane	5	0.7	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1,2,2-tetrachloroethane	5	0.17	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1,2-trichloro-1,2,2-trifluoroethane	5	0.7	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1,2-trichloroethane	1	0.5	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1-dichloroethane	5	0.7	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1-dichloroethylene (1,1-DCE)	5	0.17	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2,3-trichlorobenzene	5	0.7	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2,3-trichloropropane	0.04	0.7	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2,4-trichlorobenzene	5	0.7	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2,4-trimethylbenzene	5	0.7	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-dibromo-3-chloropropane	0.04	0.7	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-dibromoethane	5	0.65	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-dichlorobenzene	3	0.7	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-dichloroethane	0.6	0.13	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-dichloropropane	1	0.14	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,3,5-trimethylbenzene	5	0.7	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,3-dichlorobenzene	3	0.7	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,4-dichlorobenzene	3	0.7	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,4-dioxane	NA	61	*U*	40	*U*	40	*U*	40	*U*
2-butanone (MEK)	50	1.9	*U*	0.2	*U*	0.2	*U*	0.2	*U*
2-hexanone (MBK)	50	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
4-methyl-2-pentanone	NA	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
acetone	50	1.5	*U*	1.5	*JB*	1.1	*J*	1	*U*
acrolein	5	0.44	*U*	0.2	*U*	0.2	*U*	0.2	*U*
acrylonitrile	5	1.5	*U*	0.2	*U*	0.2	*U*	0.2	*U*
benzene	1	0.16	*U*	0.2	*U*	0.2	*U*	0.2	*U*
bromochloromethane	5	0.7	*U*	0.2	*U*	0.2	*U*	0.2	*U*
bromodichloromethane	50	0.19	*U*	0.2	*U*	0.2	*U*	0.2	*U*
bromoform	50	0.65	*U*	0.2	*U*	0.2	*U*	0.2	*U*
bromomethane	5	0.7	*U*	0.2	*U*	0.2	*U*	0.2	*U*
carbon disulfide	NA	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
carbon tetrachloride	5	0.13	*U*	0.2	*U*	0.2	*U*	0.2	*U*
chlorobenzene	5	0.7	*U*	0.2	*U*	0.2	*U*	0.2	*U*
chloroethane	5	0.7	*U*	0.2	*U*	0.2	*U*	0.2	*U*
chloroform	7	0.7	*U*	0.2	*U*	0.2	*U*	0.2	*U*
chloromethane	5	NA		0.2	*U*	0.2	*U*	0.2	*U*
cis-1,2-dichloroethylene (cis-DCE)	5	0.7	*U*	0.2	*U*	0.2	*U*	0.2	*U*
cis-1,3-dichloropropylene	0.4	0.14	*U*	0.2	*U*	0.2	*U*	0.2	*U*
cyclohexane	NA	0.27	*U*	0.2	*J*	0.2	*U*	0.2	*U*
dibromochloromethane	5	0.15	*U*	0.2	*U*	0.2	*U*	0.2	*U*
dibromomethane	5	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
dichlorodifluoromethane	5	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
ethyl benzene	5	0.7	*U*	0.2	*U*	0.2	*U*	0.2	*U*
hexachlorobutadiene	0.5	0.7	*U*	0.2	*U*	0.2	*U*	0.2	*U*
isopropylbenzene	5	0.7	*U*	0.2	*U*	0.2	*U*	0.2	*U*
methyl acetate	NA	0.23	*U*	0.2	*U*	0.2	*U*	1.09	
methyl tert-butyl ether (MTBE)	10	0.4	*U*	0.2	*U*	0.2	*U*	0.2	*U*
methylcyclohexane	NA	0.7	*U*	0.2	*U*	0.2	*U*	0.2	*U*
methylene chloride	5	0.7	*U*	1	*U*	1	*U*	1	*U*
n-butylbenzene	5	0.7	*U*	0.2	*U*	0.2	*U*	0.2	*U*
n-propylbenzene	5	0.7	*U*	0.2	*U*	0.2	*U*	0.2	*U*
o-xylene (included in total xylenes)	5	0.7	*U*	0.2	*U*	0.2	*U*	0.2	*U*
p- & m- xylenes (included in total xylenes)	5	0.7	*U*	0.5	*U*	0.5	*U*	0.5	*U*
p-isopropyltoluene	5	0.7	*U*	0.2	*U*	0.2	*U*	0.2	*U*
sec-butylbenzene	5	0.7	*U*	0.2	*U*	0.2	*U*	0.2	*U*
styrene	5	0.7	*U*	0.2	*U*	0.2	*U*	0.2	*U*
tert-butyl alcohol (TBA)	NA	1.4	*U*	0.5	*U*	1.4		1.45	*J*
tert-butylbenzene	5	0.7	*U*	0.2	*U*	0.2	*U*	0.2	*U*
tetrachloroethylene (PCE)	5	0.18	*U*	0.2	*U*	0.2	*U*	0.2	*U*
toluene	5	0.7	*U*	0.2	*U*	0.2	*U*	0.2	*U*
trans-1,2-dichloroethylene (trans-DCE)	5	0.7	*U*	0.2	*U*	0.2	*U*	0.2	*U*
trans-1,3-dichloropropylene	0.4	0.16	*U*	0.2	*U*	0.2	*U*	0.2	*U*
trichloroethylene (TCE)	5	0.18	*U*	0.2	*U*	0.2	*U*	0.2	*U*
trichlorofluoromethane	5	0.7	*U*	0.2	*U*	0.2	*U*	0.2	*U*
vinyl chloride (VC)	2	0.07	*U*	0.2	*U*	0.2	*U*	0.2	*U*
xylenes, total	5	0.7	*U*	0.6	*U*	0.6	*U*	0.6	*U*
TOTAL chlorinated compounds		Not Detected		Not Detected		Not Detected		Not Detected	
TOTAL petroleum compounds		Not Detected		0.2		Not Detected		Not Detected	
TOTAL BTEX		Not Detected		Not Detected		Not Detected		Not Detected	
TOTAL VOCs		Not Detected		1.7		2.5		2.5	

Detected concentrations

Concentrations above AWQS

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 1: VOCs in Groundwater

NYSDEC Site ID: C241172

GBTS Project: GQ14076

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/L (parts per billion, ppb)	**Sample ID**	**2MW-04 20190613**		**DUP-20190613**		**2MW-04 20190917**		**2MW-04 20200115**	
U= Not Detected ≥ indicated value	Sample Date	(2019-06-13)		(2019-06-13)		(2019-09-17)		(2020-01-15)	
Data above AWQS shown in **Bold**	Dilution Factor	1		1		1		1	
VOCs, 8260	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-tetrachloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1,1-trichloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1,2,2-tetrachloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1,2-trichloro-1,2,2-trifluoroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1,2-trichloroethane	1	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1-dichloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1-dichloroethylene (1,1-DCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2,3-trichlorobenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2,3-trichloropropane	0.04	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2,4-trichlorobenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2,4-trimethylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-dibromo-3-chloropropane	0.04	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-dibromoethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-dichlorobenzene	3	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-dichloroethane	0.6	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-dichloropropane	1	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,3,5-trimethylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,3-dichlorobenzene	3	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,4-dichlorobenzene	3	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,4-dioxane	NA	40	*U*	40	*U*	40	*U*	40	*U*
2-butanone (MEK)	50	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
2-hexanone (MBK)	50	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
4-methyl-2-pentanone	NA	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
acetone	50	1.62	*J*	1.36	*J*	1.1	*J*	1.35	*J*
acrolein	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
acrylonitrile	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
benzene	1	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
bromochloromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
bromodichloromethane	50	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
bromoform	50	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
bromomethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
carbon disulfide	NA	0.2	*U*	0.2	*U*	0.23	*J*	0.2	*U*
carbon tetrachloride	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
chlorobenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
chloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
chloroform	7	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
chloromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
cis-1,2-dichloroethylene (cis-DCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
cis-1,3-dichloropropylene	0.4	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
cyclohexane	NA	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
dibromochloromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
dibromomethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
dichlorodifluoromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
ethyl benzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
hexachlorobutadiene	0.5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
isopropylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
methyl acetate	NA	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
methyl tert-butyl ether (MTBE)	10	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
methylcyclohexane	NA	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
methylene chloride	5	1	*U*	1	*U*	1	*U*	1	*U*
n-butylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
n-propylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
o-xylene (included in total xylenes)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
p- & m- xylenes (included in total xylenes)	5	0.5	*U*	0.5	*U*	0.5	*U*	0.5	*U*
p-isopropyltoluene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
sec-butylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
styrene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
tert-butyl alcohol (TBA)	NA	0.5	*U*	0.5	*U*	0.5	*U*	2.08	
tert-butylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
tetrachloroethylene (PCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
toluene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
trans-1,2-dichloroethylene (trans-DCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
trans-1,3-dichloropropylene	0.4	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
trichloroethylene (TCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
trichlorofluoromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
vinyl chloride (VC)	2	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
xylenes, total	5	0.6	*U*	0.6	*U*	0.6	*U*	0.6	*U*
TOTAL chlorinated compounds		Not Detected		Not Detected		Not Detected		Not Detected	
TOTAL petroleum compounds		Not Detected		Not Detected		Not Detected		Not Detected	
TOTAL BTEX		Not Detected		Not Detected		Not Detected		Not Detected	
TOTAL VOCs		1.6		1.4		1.3		3.4	

Detected concentrations

Concentrations above AWQS

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 1: VOCs in Groundwater

NYSDEC Site ID: C241172

GBTS Project: GQ14076

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/L (parts per billion, ppb)	**Sample ID**	**2MW-04 20200505**		**2MW-04 20210430**		**2MW-05 20180402**		**2MW-05 20180802**	
U= Not Detected ≥ indicated value	Sample Date	(2020-05-05)		(2021-04-30)		(2018-04-02)		(2018-08-02)	
Data above AWQS shown in **Bold**	Dilution Factor	1		1		1		1	
VOCs, 8260	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-tetrachloroethane	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
1,1,1-trichloroethane	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
1,1,2,2-tetrachloroethane	5	0.2	*U*	0.17	*U*	0.2	*U*	0.2	*U*
1,1,2-trichloro-1,2,2-trifluoroethane	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
1,1,2-trichloroethane	1	0.2	*U*	0.5	*U*	0.2	*U*	0.2	*U*
1,1-dichloroethane	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
1,1-dichloroethylene (1,1-DCE)	5	0.2	*U*	0.17	*U*	0.2	*U*	0.2	*U*
1,2,3-trichlorobenzene	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
1,2,3-trichloropropane	0.04	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
1,2,4-trichlorobenzene	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
1,2,4-trimethylbenzene	5	0.2	*U*	0.7	*U*	0.53		0.2	*U*
1,2-dibromo-3-chloropropane	0.04	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
1,2-dibromoethane	5	0.2	*U*	0.65	*U*	0.2	*U*	0.2	*U*
1,2-dichlorobenzene	3	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
1,2-dichloroethane	0.6	0.2	*U*	0.13	*U*	0.2	*U*	0.2	*U*
1,2-dichloropropane	1	0.2	*U*	0.14	*U*	0.2	*U*	0.2	*U*
1,3,5-trimethylbenzene	5	0.2	*U*	0.7	*U*	0.76		0.3	*J*
1,3-dichlorobenzene	3	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
1,4-dichlorobenzene	3	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
1,4-dioxane	NA	40	*U*	61	*U*	40	*U*	40	*U*
2-butanone (MEK)	50	0.2	*U*	1.9	*U*	0.2	*U*	0.2	*U*
2-hexanone (MBK)	50	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*
4-methyl-2-pentanone	NA	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*
acetone	50	1.49	*J*	1.5	*U*	2	*JB*	1	*U*
acrolein	5	0.2	*U*	0.44	*U*	0.2	*U*	0.2	*U*
acrylonitrile	5	0.2	*U*	1.5	*U*	0.2	*U*	0.2	*U*
benzene	1	0.2	*U*	0.16	*U*	0.2	*U*	0.2	*U*
bromochloromethane	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
bromodichloromethane	50	0.2	*U*	0.19	*U*	0.2	*U*	0.2	*U*
bromoform	50	0.2	*U*	0.65	*U*	0.2	*U*	0.2	*U*
bromomethane	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
carbon disulfide	NA	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*
carbon tetrachloride	5	0.2	*U*	0.13	*U*	0.2	*U*	0.2	*U*
chlorobenzene	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
chloroethane	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
chloroform	7	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
chloromethane	5	0.2	*U*	NA		0.2	*U*	0.2	*U*
cis-1,2-dichloroethylene (cis-DCE)	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
cis-1,3-dichloropropylene	0.4	0.2	*U*	0.14	*U*	0.2	*U*	0.2	*U*
cyclohexane	NA	0.2	*U*	0.27	*U*	0.2	*U*	0.2	*U*
dibromochloromethane	5	0.2	*U*	0.15	*U*	0.2	*U*	0.2	*U*
dibromomethane	5	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*
dichlorodifluoromethane	5	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*
ethyl benzene	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
hexachlorobutadiene	0.5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
isopropylbenzene	5	0.2	*U*	0.7	*U*	2.1		0.52	
methyl acetate	NA	0.2	*U*	0.23	*U*	0.2	*U*	0.2	*U*
methyl tert-butyl ether (MTBE)	10	0.2	*U*	0.4	*U*	0.2	*U*	0.2	*U*
methylcyclohexane	NA	0.2	*U*	0.7	*U*	130		52	
methylene chloride	5	1	*U*	0.7	*U*	1	*U*	1	*U*
n-butylbenzene	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
n-propylbenzene	5	0.2	*U*	0.7	*U*	1.1		0.32	*J*
o-xylene (included in total xylenes)	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
p- & m- xylenes (included in total xylenes)	5	0.5	*U*	0.7	*U*	0.5	*U*	0.5	*U*
p-isopropyltoluene	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
sec-butylbenzene	5	0.2	*U*	0.7	*U*	0.33	*J*	0.2	*U*
styrene	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
tert-butyl alcohol (TBA)	NA	0.5	*U*	1.4	*U*	0.5	*U*	0.5	*U*
tert-butylbenzene	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
tetrachloroethylene (PCE)	5	0.2	*U*	0.18	*J*	0.2	*U*	0.2	*U*
toluene	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
trans-1,2-dichloroethylene (trans-DCE)	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
trans-1,3-dichloropropylene	0.4	0.2	*U*	0.16	*U*	0.2	*U*	0.2	*U*
trichloroethylene (TCE)	5	0.2	*U*	0.18	*U*	0.2	*U*	0.2	*U*
trichlorofluoromethane	5	0.2	*U*	0.7	*U*	0.2	*U*	0.2	*U*
vinyl chloride (VC)	2	0.2	*U*	0.07	*U*	0.2	*U*	0.2	*U*
xylenes, total	5	0.6	*U*	0.7	*U*	0.6	*U*	0.6	*U*
TOTAL chlorinated compounds		Not Detected		0.18		Not Detected		Not Detected	
TOTAL petroleum compounds		Not Detected		Not Detected		133		53	
TOTAL BTEX		Not Detected		Not Detected		Not Detected		Not Detected	
TOTAL VOCs		1.5		0.18		137		53	

Detected concentrations

Concentrations above AWQS

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 1: VOCs in Groundwater

NYSDEC Site ID: C241172

GBTS Project: GQ14076

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/L (parts per billion, ppb)	**Sample ID**	**DUP-20180802**		**2MW-05**		**2MW-05 20190613**		**2MW-05 20190917**	
U= Not Detected ≥ indicated value	Sample Date	(2018-08-02)		(2019-03-14)		(2019-06-13)		(2019-09-17)	
Data above AWQS shown in **Bold**	Dilution Factor	1				1		1	
VOCs, 8260	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-tetrachloroethane	5	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
1,1,1-trichloroethane	5	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
1,1,2,2-tetrachloroethane	5	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
1,1,2-trichloro-1,2,2-trifluoroethane	5	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
1,1,2-trichloroethane	1	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
1,1-dichloroethane	5	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
1,1-dichloroethylene (1,1-DCE)	5	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
1,2,3-trichlorobenzene	5	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
1,2,3-trichloropropane	0.04	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
1,2,4-trichlorobenzene	5	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
1,2,4-trimethylbenzene	5	0.2	*U*	*No Data*		0.41	*J*	0.2	*U*
1,2-dibromo-3-chloropropane	0.04	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
1,2-dibromoethane	5	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
1,2-dichlorobenzene	3	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
1,2-dichloroethane	0.6	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
1,2-dichloropropane	1	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
1,3,5-trimethylbenzene	5	0.33	*J*	*No Data*		0.69		0.2	*U*
1,3-dichlorobenzene	3	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
1,4-dichlorobenzene	3	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
1,4-dioxane	NA	40	*U*	*No Data*		40	*U*	40	*U*
2-butanone (MEK)	50	0.2	*U*	*No Data*		2.4		0.2	*U*
2-hexanone (MBK)	50	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
4-methyl-2-pentanone	NA	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
acetone	50	1.6	*J*	*No Data*		2.35		1.11	*J*
acrolein	5	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
acrylonitrile	5	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
benzene	1	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
bromochloromethane	5	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
bromodichloromethane	50	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
bromoform	50	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
bromomethane	5	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
carbon disulfide	NA	0.2	*U*	*No Data*		0.2	*U*	0.29	*J*
carbon tetrachloride	5	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
chlorobenzene	5	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
chloroethane	5	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
chloroform	7	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
chloromethane	5	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
cis-1,2-dichloroethylene (cis-DCE)	5	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
cis-1,3-dichloropropylene	0.4	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
cyclohexane	NA	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
dibromochloromethane	5	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
dibromomethane	5	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
dichlorodifluoromethane	5	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
ethyl benzene	5	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
hexachlorobutadiene	0.5	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
isopropylbenzene	5	0.52		*No Data*		1.64		0.43	*J*
methyl acetate	NA	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
methyl tert-butyl ether (MTBE)	10	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
methylcyclohexane	NA	48		*No Data*		96.4		0.2	*U*
methylene chloride	5	1	*U*	*No Data*		1	*U*	1	*U*
n-butylbenzene	5	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
n-propylbenzene	5	0.35	*J*	*No Data*		1.08		0.24	*J*
o-xylene (included in total xylenes)	5	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
p- & m- xylenes (included in total xylenes)	5	0.5	*U*	*No Data*		0.5	*U*	0.5	*U*
p-isopropyltoluene	5	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
sec-butylbenzene	5	0.2	*U*	*No Data*		0.31	*J*	0.2	*J*
styrene	5	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
tert-butyl alcohol (TBA)	NA	0.5	*U*	*No Data*		0.5	*U*	0.5	*U*
tert-butylbenzene	5	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
tetrachloroethylene (PCE)	5	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
toluene	5	0.2	*U*	*No Data*		0.21	*J*	0.2	*U*
trans-1,2-dichloroethylene (trans-DCE)	5	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
trans-1,3-dichloropropylene	0.4	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
trichloroethylene (TCE)	5	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
trichlorofluoromethane	5	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
vinyl chloride (VC)	2	0.2	*U*	*No Data*		0.2	*U*	0.2	*U*
xylenes, total	5	0.6	*U*	*No Data*		0.6	*U*	0.6	*U*
TOTAL chlorinated compounds		Not Detected		No Data		Not Detected		Not Detected	
TOTAL petroleum compounds		49		No Data		99		0.44	
TOTAL BTEX		Not Detected		No Data		0.21		Not Detected	
TOTAL VOCs		51		No Data		105		2.3	

Detected concentrations

Concentrations above AWQS

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 1: VOCs in Groundwater

NYSDEC Site ID: C241172

GBTS Project: GQ14076

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/L (parts per billion, ppb)	**Sample ID**	**2MW-05 20200115**		**2MW-05 20200505**		**2MW-05 20210430**		**TB-20180802**	
U= Not Detected ≥ indicated value	Sample Date	(2020-01-15)		(2020-05-05)		(2021-04-30)		(2018-08-02)	
Data above AWQS shown in **Bold**	Dilution Factor	1		1		1		1	
VOCs, 8260	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-tetrachloroethane	5	0.2	*U*	0.2	*U*	0.7	*U*	0.2	*U*
1,1,1-trichloroethane	5	0.2	*U*	0.2	*U*	0.7	*U*	0.2	*U*
1,1,2,2-tetrachloroethane	5	0.2	*U*	0.2	*U*	0.17	*U*	0.2	*U*
1,1,2-trichloro-1,2,2-trifluoroethane	5	0.2	*U*	0.2	*U*	0.7	*U*	0.2	*U*
1,1,2-trichloroethane	1	0.2	*U*	0.2	*U*	0.5	*U*	0.2	*U*
1,1-dichloroethane	5	0.2	*U*	0.2	*U*	0.7	*U*	0.2	*U*
1,1-dichloroethylene (1,1-DCE)	5	0.2	*U*	0.2	*U*	0.17	*U*	0.2	*U*
1,2,3-trichlorobenzene	5	0.2	*U*	0.2	*U*	0.7	*U*	0.2	*U*
1,2,3-trichloropropane	0.04	0.2	*U*	0.2	*U*	0.7	*U*	0.2	*U*
1,2,4-trichlorobenzene	5	0.2	*U*	0.2	*U*	0.7	*U*	0.2	*U*
1,2,4-trimethylbenzene	5	0.2	*U*	0.2	*U*	0.7	*U*	0.2	*U*
1,2-dibromo-3-chloropropane	0.04	0.2	*U*	0.2	*U*	0.7	*U*	0.2	*U*
1,2-dibromoethane	5	0.2	*U*	0.2	*U*	0.65	*U*	0.2	*U*
1,2-dichlorobenzene	3	0.2	*U*	0.2	*U*	0.7	*U*	0.2	*U*
1,2-dichloroethane	0.6	0.2	*U*	0.2	*U*	0.13	*U*	0.2	*U*
1,2-dichloropropane	1	0.2	*U*	0.2	*U*	0.14	*U*	0.2	*U*
1,3,5-trimethylbenzene	5	0.2	*U*	0.2	*U*	0.7	*U*	0.2	*U*
1,3-dichlorobenzene	3	0.2	*U*	0.2	*U*	0.7	*U*	0.2	*U*
1,4-dichlorobenzene	3	0.2	*U*	0.2	*U*	0.7	*U*	0.2	*U*
1,4-dioxane	NA	40	*U*	40	*U*	61	*U*	40	*U*
2-butanone (MEK)	50	0.2	*U*	0.2	*U*	1.9	*U*	0.27	*J*
2-hexanone (MBK)	50	0.2	*U*	0.2	*U*	1	*U*	0.2	*U*
4-methyl-2-pentanone	NA	0.2	*U*	0.2	*U*	1	*U*	0.28	*J*
acetone	50	1.76	*J*	1	*U*	1.5	*U*	3.6	
acrolein	5	0.2	*U*	0.2	*U*	0.44	*U*	0.2	*U*
acrylonitrile	5	0.2	*U*	0.2	*U*	1.5	*U*	0.2	*U*
benzene	1	0.2	*U*	0.2	*U*	0.16	*U*	0.2	*U*
bromochloromethane	5	0.2	*U*	0.2	*U*	0.7	*U*	0.2	*U*
bromodichloromethane	50	0.2	*U*	0.2	*U*	0.19	*U*	0.2	*U*
bromoform	50	0.2	*U*	0.2	*U*	0.65	*U*	0.2	*U*
bromomethane	5	0.2	*U*	0.2	*U*	0.7	*U*	0.2	*U*
carbon disulfide	NA	0.2	*U*	0.2	*U*	1	*U*	0.2	*U*
carbon tetrachloride	5	0.2	*U*	0.2	*U*	0.13	*U*	0.2	*U*
chlorobenzene	5	0.2	*U*	0.2	*U*	0.7	*U*	0.2	*U*
chloroethane	5	0.2	*U*	0.2	*U*	0.7	*U*	0.2	*U*
chloroform	7	0.2	*U*	0.2	*U*	0.7	*U*	0.22	*J*
chloromethane	5	1.64		0.2	*U*	NA		0.2	*U*
cis-1,2-dichloroethylene (cis-DCE)	5	0.2	*U*	0.2	*U*	0.7	*U*	0.2	*U*
cis-1,3-dichloropropylene	0.4	0.2	*U*	0.2	*U*	0.14	*U*	0.2	*U*
cyclohexane	NA	0.2	*U*	0.2	*U*	0.27	*U*	0.2	*U*
dibromochloromethane	5	0.2	*U*	0.2	*U*	0.15	*U*	0.2	*U*
dibromomethane	5	0.2	*U*	0.2	*U*	1	*U*	0.2	*U*
dichlorodifluoromethane	5	0.2	*U*	0.2	*U*	1	*U*	0.2	*U*
ethyl benzene	5	0.2	*U*	0.2	*U*	0.7	*U*	0.2	*U*
hexachlorobutadiene	0.5	0.2	*U*	0.2	*U*	0.7	*U*	0.2	*U*
isopropylbenzene	5	0.2	*U*	0.2	*U*	0.7	*U*	0.2	*U*
methyl acetate	NA	0.2	*U*	0.2	*U*	0.23	*U*	0.2	*U*
methyl tert-butyl ether (MTBE)	10	0.2	*U*	0.2	*U*	0.7	*U*	0.2	*U*
methylcyclohexane	NA	6.26		4.68		29		0.2	*U*
methylene chloride	5	1	*U*	1	*U*	0.7	*U*	1	*U*
n-butylbenzene	5	0.2	*U*	0.2	*U*	0.7	*U*	0.2	*U*
n-propylbenzene	5	0.2	*U*	0.2	*U*	0.7	*U*	0.2	*U*
o-xylene (included in total xylenes)	5	0.2	*U*	0.2	*U*	0.7	*U*	0.2	*U*
p- & m- xylenes (included in total xylenes)	5	0.5	*U*	0.5	*U*	0.7	*U*	0.5	*U*
p-isopropyltoluene	5	0.2	*U*	0.2	*U*	0.7	*U*	0.2	*U*
sec-butylbenzene	5	0.2	*U*	0.2	*U*	0.7	*U*	0.2	*U*
styrene	5	0.2	*U*	0.2	*U*	0.7	*U*	0.2	*U*
tert-butyl alcohol (TBA)	NA	6.3		0.5	*U*	1.4	*U*	0.5	*U*
tert-butylbenzene	5	0.2	*U*	0.2	*U*	0.7	*U*	0.2	*U*
tetrachloroethylene (PCE)	5	0.2	*U*	0.2	*U*	0.18	*U*	0.2	*U*
toluene	5	0.2	*U*	0.2	*U*	0.7	*U*	0.24	*J*
trans-1,2-dichloroethylene (trans-DCE)	5	0.2	*U*	0.2	*U*	0.7	*U*	0.2	*U*
trans-1,3-dichloropropylene	0.4	0.2	*U*	0.2	*U*	0.16	*U*	0.2	*U*
trichloroethylene (TCE)	5	0.2	*U*	0.2	*U*	0.18	*U*	0.2	*U*
trichlorofluoromethane	5	0.2	*U*	0.2	*U*	0.7	*U*	0.2	*U*
vinyl chloride (VC)	2	0.2	*U*	0.2	*U*	0.07	*U*	0.2	*U*
xylenes, total	5	0.6	*U*	0.6	*U*	0.7	*U*	0.6	*U*
TOTAL chlorinated compounds		1.6		Not Detected		Not Detected		0.22	
TOTAL petroleum compounds		6.3		4.7		29		0.24	
TOTAL BTEX		Not Detected		Not Detected		Not Detected		0.24	
TOTAL VOCs		16		4.7		29		5	

Detected concentrations

Concentrations above AWQS

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 1: VOCs in Groundwater

NYSDEC Site ID: C241172

GBTS Project: GQ14076

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/L (parts per billion, ppb)	**Sample ID**	**TB-20190314**		**TB-20190613**		**TB-20190917**		**TB-20200115**	
U= Not Detected ≥ indicated value	Sample Date	(2019-03-14)		(2019-06-13)		(2019-09-17)		(2020-01-15)	
Data above AWQS shown in **Bold**	Dilution Factor	1		1		1		1	
VOCs, 8260	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-tetrachloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1,1-trichloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1,2,2-tetrachloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1,2-trichloro-1,2,2-trifluoroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1,2-trichloroethane	1	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1-dichloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1-dichloroethylene (1,1-DCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2,3-trichlorobenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2,3-trichloropropane	0.04	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2,4-trichlorobenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2,4-trimethylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-dibromo-3-chloropropane	0.04	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-dibromoethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-dichlorobenzene	3	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-dichloroethane	0.6	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-dichloropropane	1	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,3,5-trimethylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,3-dichlorobenzene	3	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,4-dichlorobenzene	3	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,4-dioxane	NA	40	*U*	40	*U*	40	*U*	40	*U*
2-butanone (MEK)	50	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
2-hexanone (MBK)	50	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
4-methyl-2-pentanone	NA	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
acetone	50	1	*U*	1	*U*	1	*U*	1	*U*
acrolein	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
acrylonitrile	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
benzene	1	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
bromochloromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
bromodichloromethane	50	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
bromoform	50	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
bromomethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
carbon disulfide	NA	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
carbon tetrachloride	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
chlorobenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
chloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
chloroform	7	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
chloromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
cis-1,2-dichloroethylene (cis-DCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
cis-1,3-dichloropropylene	0.4	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
cyclohexane	NA	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
dibromochloromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
dibromomethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
dichlorodifluoromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
ethyl benzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
hexachlorobutadiene	0.5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
isopropylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
methyl acetate	NA	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
methyl tert-butyl ether (MTBE)	10	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
methylcyclohexane	NA	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
methylene chloride	5	1	*U*	1	*U*	1	*U*	1	*U*
n-butylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
n-propylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
o-xylene (included in total xylenes)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
p- & m- xylenes (included in total xylenes)	5	0.5	*U*	0.5	*U*	0.5	*U*	0.5	*U*
p-isopropyltoluene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
sec-butylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
styrene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
tert-butyl alcohol (TBA)	NA	0.5	*U*	0.5	*U*	0.5	*U*	0.5	*U*
tert-butylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
tetrachloroethylene (PCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
toluene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
trans-1,2-dichloroethylene (trans-DCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
trans-1,3-dichloropropylene	0.4	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
trichloroethylene (TCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
trichlorofluoromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
vinyl chloride (VC)	2	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
xylenes, total	5	0.6	*U*	0.6	*U*	0.6	*U*	0.6	*U*
TOTAL chlorinated compounds		Not Detected		Not Detected		Not Detected		Not Detected	
TOTAL petroleum compounds		Not Detected		Not Detected		Not Detected		Not Detected	
TOTAL BTEX		Not Detected		Not Detected		Not Detected		Not Detected	
TOTAL VOCs		Not Detected		Not Detected		Not Detected		Not Detected	

Detected concentrations

Concentrations above AWQS

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 1: VOCs in Groundwater

NYSDEC Site ID: C241172

GBTS Project: GQ14076

All data in µg/L (parts per billion, ppb)	**Sample ID**	**TB-20200505**		**TB-20210430**	
U= Not Detected ≥ indicated value	Sample Date	(2020-05-05)		(2021-04-30)	
Data above AWQS shown in **Bold**	Dilution Factor	1		1	
VOCs, 8260	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-tetrachloroethane	5	0.2	*U*	0.7	*U*
1,1,1-trichloroethane	5	0.2	*U*	0.7	*U*
1,1,2,2-tetrachloroethane	5	0.2	*U*	0.17	*U*
1,1,2-trichloro-1,2,2-trifluoroethane	5	0.2	*U*	0.7	*U*
1,1,2-trichloroethane	1	0.2	*U*	0.5	*U*
1,1-dichloroethane	5	0.2	*U*	0.7	*U*
1,1-dichloroethylene (1,1-DCE)	5	0.2	*U*	0.17	*U*
1,2,3-trichlorobenzene	5	0.2	*U*	0.7	*U*
1,2,3-trichloropropane	0.04	0.2	*U*	0.7	*U*
1,2,4-trichlorobenzene	5	0.2	*U*	0.7	*U*
1,2,4-trimethylbenzene	5	0.2	*U*	0.7	*U*
1,2-dibromo-3-chloropropane	0.04	0.2	*U*	0.7	*U*
1,2-dibromoethane	5	0.2	*U*	0.65	*U*
1,2-dichlorobenzene	3	0.2	*U*	0.7	*U*
1,2-dichloroethane	0.6	0.2	*U*	0.13	*U*
1,2-dichloropropane	1	0.2	*U*	0.14	*U*
1,3,5-trimethylbenzene	5	0.2	*U*	0.7	*U*
1,3-dichlorobenzene	3	0.2	*U*	0.7	*U*
1,4-dichlorobenzene	3	0.2	*U*	0.7	*U*
1,4-dioxane	NA	40	*U*	61	*U*
2-butanone (MEK)	50	0.2	*U*	1.9	*U*
2-hexanone (MBK)	50	0.2	*U*	1	*U*
4-methyl-2-pentanone	NA	0.2	*U*	1	*U*
acetone	50	1	*U*	1.7	*J*
acrolein	5	0.2	*U*	0.44	*U*
acrylonitrile	5	0.2	*U*	1.5	*U*
benzene	1	0.2	*U*	0.16	*U*
bromochloromethane	5	0.2	*U*	0.7	*U*
bromodichloromethane	50	0.2	*U*	0.19	*U*
bromoform	50	0.2	*U*	0.65	*U*
bromomethane	5	0.2	*U*	0.7	*U*
carbon disulfide	NA	0.2	*U*	1	*U*
carbon tetrachloride	5	0.2	*U*	0.13	*U*
chlorobenzene	5	0.2	*U*	0.7	*U*
chloroethane	5	0.2	*U*	0.7	*U*
chloroform	7	0.2	*U*	0.7	*U*
chloromethane	5	0.53		NA	
cis-1,2-dichloroethylene (cis-DCE)	5	0.2	*U*	0.7	*U*
cis-1,3-dichloropropylene	0.4	0.2	*U*	0.14	*U*
cyclohexane	NA	0.2	*U*	0.27	*U*
dibromochloromethane	5	0.2	*U*	0.15	*U*
dibromomethane	5	0.2	*U*	1	*U*
dichlorodifluoromethane	5	0.2	*U*	1	*U*
ethyl benzene	5	0.2	*U*	0.7	*U*
hexachlorobutadiene	0.5	0.2	*U*	0.7	*U*
isopropylbenzene	5	0.2	*U*	0.7	*U*
methyl acetate	NA	0.2	*U*	0.23	*U*
methyl tert-butyl ether (MTBE)	10	0.2	*U*	0.4	*U*
methylcyclohexane	NA	0.2	*U*	0.7	*U*
methylene chloride	5	1	*U*	0.7	*U*
n-butylbenzene	5	0.2	*U*	0.7	*U*
n-propylbenzene	5	0.2	*U*	0.7	*U*
o-xylene (included in total xylenes)	5	0.2	*U*	0.7	*U*
p- & m- xylenes (included in total xylenes)	5	0.5	*U*	0.7	*U*
p-isopropyltoluene	5	0.2	*U*	0.7	*U*
sec-butylbenzene	5	0.2	*U*	0.7	*U*
styrene	5	0.2	*U*	0.7	*U*
tert-butyl alcohol (TBA)	NA	0.5	*U*	1.4	*U*
tert-butylbenzene	5	0.2	*U*	0.7	*U*
tetrachloroethylene (PCE)	5	0.2	*U*	0.18	*U*
toluene	5	0.2	*U*	0.7	*U*
trans-1,2-dichloroethylene (trans-DCE)	5	0.2	*U*	0.7	*U*
trans-1,3-dichloropropylene	0.4	0.2	*U*	0.16	*U*
trichloroethylene (TCE)	5	0.2	*U*	0.18	*U*
trichlorofluoromethane	5	0.2	*U*	0.7	*U*
vinyl chloride (VC)	2	0.2	*U*	0.07	*U*
xylenes, total	5	0.6	*U*	0.7	*U*
TOTAL chlorinated compounds		0.53		Not Detected	
TOTAL petroleum compounds		Not Detected		Not Detected	
TOTAL BTEX		Not Detected		Not Detected	
TOTAL VOCs		0.53		1.7	

Detected concentrations

Concentrations above AWQS

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 2: SVOCs in Groundwater

NYSDEC Site ID: C241172

GBTS Project: GQ14076

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/L (parts per billion, ppb)	**Sample ID**	**2MW-01 20180402**		**2MW-01 20180802**		**2MW-01 20190314**		**2MW-01 20190613**		**2MW-01 20190917**	
U= Not Detected ≥ indicated value	Sample Date	(2018-04-02)		(2018-08-02)		(2019-03-14)		(2019-06-13)		(2019-09-17)	
Data above AWQS shown in **Bold**	Dilution Factor	1		1		1		1		1	
SVOCs, 8270	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1'-biphenyl	5	2.56	U	2.5	U	2.56	U	NA		NA	
1,2,4,5-tetrachlorobenzene	5	2.56	U	2.5	U	2.56	U	NA		NA	
1,2,4-trichlorobenzene	5	2.56	U	2.5	U	2.56	U	NA		NA	
1,2-dichlorobenzene	3	2.56	U	2.5	U	2.56	U	NA		NA	
1,2-diphenylhydrazine (azobenzene)	ND	2.56	U	2.5	U	2.56	U	NA		NA	
1,3-dichlorobenzene	3	2.56	U	2.5	U	2.56	U	NA		NA	
1,4-dichlorobenzene	3	2.56	U	2.5	U	2.56	U	NA		NA	
2,3,4,6-tetrachlorophenol	NA	2.56	U	2.5	U	2.56	U	NA		NA	
2,4,5-trichlorophenol	NA	2.56	U	2.5	U	2.56	U	NA		NA	
2,4,6-trichlorophenol	NA	2.56	U	2.5	U	2.56	U	NA		NA	
2,4-dichlorophenol	5	2.56	U	2.5	U	2.56	U	NA		NA	
2,4-dimethylphenol	50	2.56	U	2.5	U	2.56	U	NA		NA	
2,4-dinitrophenol	10	2.56	U	2.5	U	2.56	U	NA		NA	
2,4-dinitrotoluene	5	2.56	U	2.5	U	2.56	U	NA		NA	
2,6-dinitrotoluene	5	2.56	U	2.5	U	2.56	U	NA		NA	
2-chloronaphthalene	10	2.56	U	2.5	U	2.56	U	NA		NA	
2-chlorophenol	NA	2.56	U	2.5	U	2.56	U	NA		NA	
2-methylnaphthalene	NA	2.56	U	2.5	U	2.56	U	2.56	U	2.56	U
2-methylphenol	NA	2.56	U	2.5	U	2.56	U	NA		NA	
2-nitroaniline	5	2.56	U	2.5	U	2.56	U	NA		NA	
2-nitrophenol	NA	2.56	U	2.5	U	2.56	U	NA		NA	
3- & 4-methylphenols	NA	2.56	U	2.5	U	2.56	U	NA		NA	
3,3'-dichlorobenzidine	5	2.56	U	2.5	U	2.56	U	NA		NA	
3-nitroaniline	5	2.56	U	2.5	U	2.56	U	NA		NA	
4,6-dinitro-2-methylphenol	NA	2.56	U	2.5	U	2.56	U	NA		NA	
4-bromophenyl phenyl ether	NA	2.56	U	2.5	U	2.56	U	NA		NA	
4-chloro-3-methylphenol	NA	2.56	U	2.5	U	2.56	U	NA		NA	
4-chloroaniline	5	2.56	U	2.5	U	2.56	U	NA		NA	
4-chlorophenyl phenyl ether	NA	2.56	U	2.5	U	2.56	U	NA		NA	
4-nitroaniline	5	2.56	U	2.5	U	2.56	U	NA		NA	
4-nitrophenol	5	2.56	U	2.5	U	5.13	U	NA		NA	
acenaphthene	20	0.338		0.42		0.626		0.39		0.79	
acenaphthylene	NA	0.0513	U	0.05		0.0513	U	0.0513	U	0.0513	U
acetophenone	NA	2.56	U	2.5	U	2.56	U	NA		NA	
aniline	5	2.56	U	2.5	U	2.56	U	NA		NA	
anthracene	50	0.0718		0.05	U	0.113		0.0513	U	0.0513	U
atrazine	7.5	0.513	U	0.5	U	0.513	U	NA		NA	
benzaldehyde	NA	2.56	U	2.5	U	2.56	U	NA		NA	
benzidine	5	10.3	U	10	U	5.13	U	NA		NA	
benzo(a)anthracene	0.002	0.0513	U	0.05	U	0.0513	U	0.0513	U	0.0513	U
benzo(a)pyrene	ND	0.0513	U	0.05	U	0.0513	U	0.0513	U	0.0513	U
benzo(b)fluoranthene	0.002	0.0513	U	0.05	U	0.0513	U	0.0513	U	0.0513	U
benzo(g,h,i)perylene	NA	0.0513	U	0.05	U	0.0513	U	0.0513	U	0.0513	U
benzo(k)fluoranthene	0.002	0.0513	U	0.05	U	0.0513	U	0.0513	U	0.0513	U
benzoic acid	NA	25.6	U	25	U	25.6	U	NA		NA	
benzyl alcohol	NA	2.56	U	2.5	U	2.56	U	NA		NA	
benzyl butyl phthalate	50	2.56	U	2.5	U	2.56	U	NA		NA	
bis(2-chloroethoxy)methane	5	2.56	U	2.5	U	2.56	U	NA		NA	
bis(2-chloroethyl)ether	1	2.56	U	2.5	U	1.03	U	NA		NA	
bis(2-chloroisopropyl)ether	NA	2.56	U	2.5	U	2.56	U	NA		NA	
bis(2-ethylhexyl)phthalate	5	0.513	U	0.5	U	0.513	U	NA		0.605	
caprolactam	NA	2.56	U	2.5	U	2.56	U	NA		NA	
carbazole	NA	2.56	U	2.5	U	2.56	U	NA		NA	
chrysene	0.002	0.0513	U	0.05	U	0.0513	U	0.0513	U	0.0513	U
dibenzo(a,h)anthracene	NA	0.0513	U	0.05	U	0.0513	U	0.0513	U	0.0513	U
dibenzofuran	NA	2.56	U	2.5	U	2.56	U	NA		NA	
diethyl phthalate	50	2.56	U	2.5	U	2.56	U	NA		NA	
dimethyl phthalate	50	2.56	U	2.5	U	2.56	U	NA		NA	
di-n-butyl phthalate	50	2.56	U	2.5	U	2.56	U	NA		NA	
di-n-octyl phthalate	50	2.56	U	2.5	U	2.56	U	NA		NA	
fluoranthene	50	0.0513	U	0.05	U	0.0513	U	0.0513	U	0.0513	U
fluorene	50	0.0615		0.1		0.0923		0.0513	U	0.123	
hexachlorobenzene	0.04	0.0205	U	0.02		0.0205	U	NA		NA	
hexachlorobutadiene	0.5	0.513	U	0.5	U	0.513	U	NA		NA	
hexachlorocyclopentadiene	5	2.56	U	2.5	U	5.13	U	NA		NA	
hexachloroethane	5	0.513	U	0.5	U	0.513	U	NA		NA	
indeno(1,2,3-cd)pyrene	0.002	0.0513	U	0.05	U	0.0513	U	0.0513	U	0.0513	U
isophorone	50	2.56	U	2.5	U	2.56	U	NA		NA	
naphthalene	10	0.113		0.05	U	0.0513	U	0.0513	U	0.0513	U
nitrobenzene	0.4	0.256	U	0.25	U	0.256	U	NA		NA	
n-nitrosodimethylamine	50	0.513	U	0.5	U	0.513	U	NA		NA	
n-nitroso-di-n-propylamine	NA	2.56	U	2.5	U	2.56	U	NA		NA	
n-nitrosodiphenylamine	50	2.56	U	2.5	U	2.56	U	NA		NA	
pentachlorophenol	1	0.256	U	0.25	U	0.256	U	NA		NA	
phenanthrene	50	0.0615		0.08		0.0923		0.0513	U	0.144	
phenol	1	2.56	U	2.5	U	2.56	U	NA		NA	
pyrene	50	0.0513	U	0.05	U	0.0513	U	0.0513	U	0.0513	U
	TOTAL SVOCs	**0.65**		**0.67**		**0.92**		**0.39**		**1.66**	

Detected concentrations

Concentrations above AWQS

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 2: SVOCs in Groundwater

NYSDEC Site ID: C241172

GBTS Project: GQ14076

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/L (parts per billion, ppb)	**Sample ID**	**DUP-20190917**		**2MW-01 20200115**		**DUP-20200115**		**2MW-01 20200505**		**2MW-01 20210430**	
U= Not Detected ≥ indicated value	Sample Date	(2019-09-17)		(2020-01-15)		(2020-01-15)		(2020-05-05)		(2021-04-30)	
Data above AWQS shown in **Bold**	Dilution Factor	1		1		1		1		1	
SVOCs, 8270	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1'-biphenyl	5	NA		NA		NA		NA		NA	
1,2,4,5-tetrachlorobenzene	5	NA		NA		NA		NA		NA	
1,2,4-trichlorobenzene	5	NA		NA		NA		NA		NA	
1,2-dichlorobenzene	3	NA		NA		NA		NA		NA	
1,2-diphenylhydrazine (azobenzene)	ND	NA		NA		NA		NA		NA	
1,3-dichlorobenzene	3	NA		NA		NA		NA		NA	
1,4-dichlorobenzene	3	NA		NA		NA		NA		NA	
2,3,4,6-tetrachlorophenol	NA	NA		NA		NA		NA		NA	
2,4,5-trichlorophenol	NA	NA		NA		NA		NA		NA	
2,4,6-trichlorophenol	NA	NA		NA		NA		NA		NA	
2,4-dichlorophenol	5	NA		NA		NA		NA		NA	
2,4-dimethylphenol	50	NA		NA		NA		NA		NA	
2,4-dinitrophenol	10	NA		NA		NA		NA		NA	
2,4-dinitrotoluene	5	NA		NA		NA		NA		NA	
2,6-dinitrotoluene	5	NA		NA		NA		NA		NA	
2-chloronaphthalene	10	NA		NA		NA		NA		0.02	*U*
2-chlorophenol	NA	NA		NA		NA		NA		NA	
2-methylnaphthalene	NA	2.56	*U*	2.56	*U*	2.56	*U*	2.5	*U*	0.02	*U*
2-methylphenol	NA	NA		NA		NA		NA		NA	
2-nitroaniline	5	NA		NA		NA		NA		NA	
2-nitrophenol	NA	NA		NA		NA		NA		NA	
3- & 4-methylphenols	NA	NA		NA		NA		NA		NA	
3,3'-dichlorobenzidine	5	NA		NA		NA		NA		NA	
3-nitroaniline	5	NA		NA		NA		NA		NA	
4,6-dinitro-2-methylphenol	NA	NA		NA		NA		NA		NA	
4-bromophenyl phenyl ether	NA	NA		NA		NA		NA		NA	
4-chloro-3-methylphenol	NA	NA		NA		NA		NA		NA	
4-chloroaniline	5	NA		NA		NA		NA		NA	
4-chlorophenyl phenyl ether	NA	NA		NA		NA		NA		NA	
4-nitroaniline	5	NA		NA		NA		NA		NA	
4-nitrophenol	5	NA		NA		NA		NA		NA	
acenaphthene	20	0.646		0.656		0.595		0.38		0.38	
acenaphthylene	NA	0.0513	*U*	0.0513	*U*	0.0513	*U*	0.05	*U*	0.01	*U*
acetophenone	NA	NA		NA		NA		NA		NA	
aniline	5	NA		NA		NA		NA		NA	
anthracene	50	0.0513	*U*	0.0513	*U*	0.0513	*U*	0.05	*U*	0.03	*J*
atrazine	7.5	NA		NA		NA		NA		NA	
benzaldehyde	NA	NA		NA		NA		NA		NA	
benzidine	5	NA		NA		NA		NA		NA	
benzo(a)anthracene	0.002	0.0513	*U*	0.0513	*U*	0.0513	*U*	0.05	*U*	0.02	*U*
benzo(a)pyrene	ND	0.0513	*U*	0.0513	*U*	0.0513	*U*	0.05	*U*	0.02	*U*
benzo(b)fluoranthene	0.002	0.0513	*U*	0.0513	*U*	0.0513	*U*	0.05	*U*	0.01	*U*
benzo(g,h,i)perylene	NA	0.0513	*U*	0.0513	*U*	0.0513	*U*	0.05	*U*	0.01	*U*
benzo(k)fluoranthene	0.002	0.0513	*U*	0.0513	*U*	0.0513	*U*	0.05	*U*	0.01	*U*
benzoic acid	NA	NA		NA		NA		NA		NA	
benzyl alcohol	NA	NA		NA		NA		NA		NA	
benzyl butyl phthalate	50	NA		NA		NA		NA		NA	
bis(2-chloroethoxy)methane	5	NA		NA		NA		NA		NA	
bis(2-chloroethyl)ether	1	NA		NA		NA		NA		NA	
bis(2-chloroisopropyl)ether	NA	NA		NA		NA		NA		NA	
bis(2-ethylhexyl)phthalate	5	0.513		0.513	*U*	0.513	*U*	0.5	*U*	NA	
caprolactam	NA	NA		NA		NA		NA		NA	
carbazole	NA	NA		NA		NA		NA		NA	
chrysene	0.002	0.0513	*U*	0.0513	*U*	0.0513	*U*	0.05	*U*	0.01	*U*
dibenzo(a,h)anthracene	NA	0.0513	*U*	0.0513	*U*	0.0513	*U*	0.05	*U*	0.01	*U*
dibenzofuran	NA	NA		NA		NA		NA		NA	
diethyl phthalate	50	NA		NA		NA		NA		NA	
dimethyl phthalate	50	NA		NA		NA		NA		NA	
di-n-butyl phthalate	50	NA		NA		NA		NA		NA	
di-n-octyl phthalate	50	NA		NA		NA		NA		NA	
fluoranthene	50	0.0513	*U*	0.0513	*U*	0.0513	*U*	0.05	*U*	0.02	*U*
fluorene	50	0.103		0.0821		0.0821		0.05	*U*	0.04	
hexachlorobenzene	0.04	NA		NA		NA		NA		NA	
hexachlorobutadiene	0.5	NA		NA		NA		NA		NA	
hexachlorocyclopentadiene	5	NA		NA		NA		NA		NA	
hexachloroethane	5	NA		NA		NA		NA		NA	
indeno(1,2,3-cd)pyrene	0.002	0.0513	*U*	0.0513	*U*	0.0513	*U*	0.05	*U*	0.01	*U*
isophorone	50	NA		NA		NA		NA		NA	
naphthalene	10	0.0513	*U*	0.0513	*U*	0.0513	*U*	0.05	*U*	0.05	*U*
nitrobenzene	0.4	NA		NA		NA		NA		NA	
n-nitrosodimethylamine	50	NA		NA		NA		NA		NA	
n-nitroso-di-n-propylamine	NA	NA		NA		NA		NA		NA	
n-nitrosodiphenylamine	50	NA		NA		NA		NA		NA	
pentachlorophenol	1	NA		NA		NA		NA		NA	
phenanthrene	50	0.123		0.103		0.103		0.05		0.06	*J*
phenol	1	NA		NA		NA		NA		NA	
pyrene	50	0.0513	*U*	0.0513	*U*	0.0513	*U*	0.05	*U*	0.02	*U*
	TOTAL SVOCs	**1.39**		**0.84**		**0.78**		**0.43**		**0.51**	

Detected concentrations

Concentrations above AWQS

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 2: SVOCs in Groundwater

NYSDEC Site ID: C241172

GBTS Project: GQ14076

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/L (parts per billion, ppb)	**Sample ID**	**2MW-02 20180402**		**2MW-02 20180802**		**2MW-02 20190314**		**DUP-20190314**		**2MW-02 20190613**	
U= Not Detected ≥ indicated value	Sample Date	(2018-04-02)		(2018-08-02)		(2019-03-14)		(2019-03-14)		(2019-06-13)	
Data above AWQS shown in **Bold**	Dilution Factor	1		1		1		1		1	
SVOCs, 8270	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1'-biphenyl	5	2.56	U	2.5	U	2.7	U	2.78	U	NA	
1,2,4,5-tetrachlorobenzene	5	2.56	U	2.5	U	2.7	U	2.78	U	NA	
1,2,4-trichlorobenzene	5	2.56	U	2.5	U	2.7	U	2.78	U	NA	
1,2-dichlorobenzene	3	2.56	U	2.5	U	2.7	U	2.78	U	NA	
1,2-diphenylhydrazine (azobenzene)	ND	2.56	U	2.5	U	2.7	U	2.78	U	NA	
1,3-dichlorobenzene	3	2.56	U	2.5	U	2.7	U	2.78	U	NA	
1,4-dichlorobenzene	3	2.56	U	2.5	U	2.7	U	2.78	U	NA	
2,3,4,6-tetrachlorophenol	NA	2.56	U	2.5	U	2.7	U	2.78	U	NA	
2,4,5-trichlorophenol	NA	2.56	U	2.5	U	2.7	U	2.78	U	NA	
2,4,6-trichlorophenol	NA	2.56	U	2.5	U	2.7	U	2.78	U	NA	
2,4-dichlorophenol	5	2.56	U	2.5	U	2.7	U	2.78	U	NA	
2,4-dimethylphenol	50	2.56	U	2.5	U	2.7	U	2.78	U	NA	
2,4-dinitrophenol	10	2.56	U	2.5	U	2.7	U	2.78	U	NA	
2,4-dinitrotoluene	5	2.56	U	2.5	U	2.7	U	2.78	U	NA	
2,6-dinitrotoluene	5	2.56	U	2.5	U	2.7	U	2.78	U	NA	
2-chloronaphthalene	10	2.56	U	2.5	U	2.7	U	2.78	U	NA	
2-chlorophenol	NA	2.56	U	2.5	U	2.7	U	2.78	U	NA	
2-methylnaphthalene	NA	2.56	U	2.5	U	2.7	U	2.78	U	2.56	U
2-methylphenol	NA	2.56	U	2.5	U	2.7	U	2.78	U	NA	
2-nitroaniline	5	2.56	U	2.5	U	2.7	U	2.78	U	NA	
2-nitrophenol	NA	2.56	U	2.5	U	2.7	U	2.78	U	NA	
3- & 4-methylphenols	NA	2.56	U	2.5	U	2.7	U	2.78	U	NA	
3,3'-dichlorobenzidine	5	2.56	U	2.5	U	2.7	U	2.78	U	NA	
3-nitroaniline	5	2.56	U	2.5	U	2.7	U	2.78	U	NA	
4,6-dinitro-2-methylphenol	NA	2.56	U	2.5	U	2.7	U	2.78	U	NA	
4-bromophenyl phenyl ether	NA	2.56	U	2.5	U	2.7	U	2.78	U	NA	
4-chloro-3-methylphenol	NA	2.56	U	2.5	U	2.7	U	2.78	U	NA	
4-chloroaniline	5	2.56	U	2.5	U	2.7	U	2.78	U	NA	
4-chlorophenyl phenyl ether	NA	2.56	U	2.5	U	2.7	U	2.78	U	NA	
4-nitroaniline	5	2.56	U	2.5	U	2.7	U	2.78	U	NA	
4-nitrophenol	5	2.56	U	2.5	U	5.41	U	5.56	U	NA	
acenaphthene	20	0.0513	U	0.09		0.108		0.133		0.0513	U
acenaphthylene	NA	0.0513	U	0.05	U	0.0541	U	0.0556	U	0.0513	U
acetophenone	NA	2.56	U	2.5	U	2.7	U	2.78	U	NA	
aniline	5	2.56	U	2.5	U	2.7	U	2.78	U	NA	
anthracene	50	0.0513	U	0.05	U	0.0541	U	0.0556	U	0.0513	U
atrazine	7.5	0.513	U	0.5	U	0.541	U	0.556	U	NA	
benzaldehyde	NA	2.56	U	2.5	U	2.7	U	2.78	U	NA	
benzidine	5	10.3	U	10	U	5.41	U	5.56	U	NA	
benzo(a)anthracene	0.002	0.0513	U	0.05	U	**0.0865**		**0.0667**		0.0513	U
benzo(a)pyrene	ND	0.0513	U	0.05	U	0.0865		0.0556		0.0513	U
benzo(b)fluoranthene	0.002	0.0513	U	0.05	U	**0.0865**		**0.0556**		0.0513	U
benzo(g,h,i)perylene	NA	0.0513	U	0.05	U	0.0649		0.0556		0.0513	U
benzo(k)fluoranthene	0.002	0.0513	U	0.05	U	**0.0757**		0.0556	U	0.0513	U
benzoic acid	NA	25.6	U	25	U	27	U	27.8	U	NA	
benzyl alcohol	NA	2.56	U	2.5	U	2.7	U	2.78	U	NA	
benzyl butyl phthalate	50	2.56	U	2.5	U	2.7	U	2.78	U	NA	
bis(2-chloroethoxy)methane	5	2.56	U	2.5	U	2.7	U	2.78	U	NA	
bis(2-chloroethyl)ether	1	2.56	U	2.5	U	1.08	U	1.11	U	NA	
bis(2-chloroisopropyl)ether	NA	2.56	U	2.5	U	2.7	U	2.78	U	NA	
bis(2-ethylhexyl)phthalate	5	0.513	U	0.5	U	1.06		1.07		NA	
caprolactam	NA	2.56	U	2.5	U	2.7	U	2.78	U	NA	
carbazole	NA	2.56	U	2.5	U	2.7	U	2.78	U	NA	
chrysene	0.002	0.0513	U	0.05	U	**0.0865**		**0.0556**		0.0513	U
dibenzo(a,h)anthracene	NA	0.0513	U	0.05	U	0.0541	U	0.0556	U	0.0513	U
dibenzofuran	NA	2.56	U	2.5	U	2.7	U	2.78	U	NA	
diethyl phthalate	50	2.56	U	2.5	U	2.7	U	2.78	U	NA	
dimethyl phthalate	50	2.56	U	2.5	U	2.7	U	2.78	U	NA	
di-n-butyl phthalate	50	2.56	U	2.5	U	2.7	U	2.78	U	NA	
di-n-octyl phthalate	50	2.56	U	2.5	U	2.7	U	2.78	U	NA	
fluoranthene	50	0.0513	U	0.05	U	0.195		0.144		0.0513	U
fluorene	50	0.0513	U	0.05	U	0.0541	U	0.0556	U	0.0513	U
hexachlorobenzene	0.04	0.0205	U	0.02	U	0.0216	U	0.0222	U	NA	
hexachlorobutadiene	0.5	0.513	U	0.5	U	0.541	U	0.556	U	NA	
hexachlorocyclopentadiene	5	2.56	U	2.5	U	5.41	U	5.56	U	NA	
hexachloroethane	5	0.513	U	0.5	U	0.541	U	0.556	U	NA	
indeno(1,2,3-cd)pyrene	0.002	0.0513	U	0.05	U	**0.0541**		0.0556	U	0.0513	U
isophorone	50	2.56	U	2.5	U	2.7	U	2.78	U	NA	
naphthalene	10	0.0513	U	0.15		0.0541	U	0.0556	U	0.0513	U
nitrobenzene	0.4	0.256	U	0.25	U	0.27	U	0.278	U	NA	
n-nitrosodimethylamine	50	0.513	U	0.5	U	0.541	U	0.556	U	NA	
n-nitroso-di-n-propylamine	NA	2.56	U	2.5	U	2.7	U	2.78	U	NA	
n-nitrosodiphenylamine	50	2.56	U	2.5	U	2.7	U	2.78	U	NA	
pentachlorophenol	1	0.256	U	0.25	U	0.27	U	0.278	U	NA	
phenanthrene	50	0.0513	U	0.05	U	0.0865		0.0778		0.0513	U
phenol	1	2.56	U	2.5	U	2.7	U	2.78	U	NA	
pyrene	50	0.0513	U	0.05	U	0.162		0.122		0.0513	U
	TOTAL SVOCs	Not Detected		**0.24**		**2.2**		**1.8**		Not Detected	

Detected concentrations

Concentrations above AWQS

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 2: SVOCs in Groundwater

NYSDEC Site ID: C241172

GBTS Project: GQ14076

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/L (parts per billion, ppb)	**Sample ID**	**2MW-02 20190917**		**2MW-02 20200115**		**2MW-02 20200505**		**2MW-02 20210430**		**2MW-03 20180402**	
U= Not Detected ≥ indicated value	Sample Date	(2019-09-17)		(2020-01-15)		(2020-05-05)		(2021-04-30)		(2018-04-02)	
Data above AWQS shown in **Bold**	Dilution Factor	2		1		1		1		1	
SVOCs, 8270	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1'-biphenyl	5	NA		NA		*No Data*		NA		2.56	*U*
1,2,4,5-tetrachlorobenzene	5	NA		NA		*No Data*		NA		2.56	*U*
1,2,4-trichlorobenzene	5	NA		NA		*No Data*		NA		2.56	*U*
1,2-dichlorobenzene	3	NA		NA		*No Data*		NA		2.56	*U*
1,2-diphenylhydrazine (azobenzene)	ND	NA		NA		*No Data*		NA		2.56	*U*
1,3-dichlorobenzene	3	NA		NA		*No Data*		NA		2.56	*U*
1,4-dichlorobenzene	3	NA		NA		*No Data*		NA		2.56	*U*
2,3,4,6-tetrachlorophenol	NA	NA		NA		*No Data*		NA		2.56	*U*
2,4,5-trichlorophenol	NA	NA		NA		*No Data*		NA		2.56	*U*
2,4,6-trichlorophenol	NA	NA		NA		*No Data*		NA		2.56	*U*
2,4-dichlorophenol	5	NA		NA		*No Data*		NA		2.56	*U*
2,4-dimethylphenol	50	NA		NA		*No Data*		NA		2.56	*U*
2,4-dinitrophenol	10	NA		NA		*No Data*		NA		2.56	*U*
2,4-dinitrotoluene	5	NA		NA		*No Data*		NA		2.56	*U*
2,6-dinitrotoluene	5	NA		NA		*No Data*		NA		2.56	*U*
2-chloronaphthalene	10	NA		NA		*No Data*		0.02	*U*	2.56	*U*
2-chlorophenol	NA	NA		NA		*No Data*		NA		2.56	*U*
2-methylnaphthalene	NA	2.86	*U*	2.5	*U*	*No Data*		0.02	*U*	2.56	*U*
2-methylphenol	NA	NA		NA		*No Data*		NA		2.56	*U*
2-nitroaniline	5	NA		NA		*No Data*		NA		2.56	*U*
2-nitrophenol	NA	NA		NA		*No Data*		NA		2.56	*U*
3- & 4-methylphenols	NA	NA		NA		*No Data*		NA		2.56	*U*
3,3'-dichlorobenzidine	5	NA		NA		*No Data*		NA		2.56	*U*
3-nitroaniline	5	NA		NA		*No Data*		NA		2.56	*U*
4,6-dinitro-2-methylphenol	NA	NA		NA		*No Data*		NA		2.56	*U*
4-bromophenyl phenyl ether	NA	NA		NA		*No Data*		NA		2.56	*U*
4-chloro-3-methylphenol	NA	NA		NA		*No Data*		NA		2.56	*U*
4-chloroaniline	5	NA		NA		*No Data*		NA		2.56	*U*
4-chlorophenyl phenyl ether	NA	NA		NA		*No Data*		NA		2.56	*U*
4-nitroaniline	5	NA		NA		*No Data*		NA		2.56	*U*
4-nitrophenol	5	NA		NA		*No Data*		NA		2.56	*U*
acenaphthene	20	0.217		0.07		*No Data*		0.02	*J*	0.369	
acenaphthylene	NA	0.0571		0.05	*U*	*No Data*		0.02	*U*	0.0513	*U*
acetophenone	NA	NA		NA		*No Data*		NA		2.56	*U*
aniline	5	NA		NA		*No Data*		NA		2.56	*U*
anthracene	50	0.0571	*U*	0.05	*U*	*No Data*		0.02	*J*	0.0513	
atrazine	7.5	NA		NA		*No Data*		NA		0.513	*U*
benzaldehyde	NA	NA		NA		*No Data*		NA		2.56	*U*
benzidine	5	NA		NA		*No Data*		NA		10.3	*U*
benzo(a)anthracene	0.002	0.0571	*U*	**0.06**		*No Data*		**0.02**	*J*	0.0513	*U*
benzo(a)pyrene	ND	0.0571	*U*	0.06		*No Data*		0.02	*U*	0.0513	
benzo(b)fluoranthene	0.002	0.0571	*U*	**0.06**		*No Data*		**0.02**	*J*	**0.0615**	
benzo(g,h,i)perylene	NA	0.0571	*U*	0.05		*No Data*		0.01	*U*	0.0513	
benzo(k)fluoranthene	0.002	0.0571	*U*	**0.06**		*No Data*		0.01	*U*	**0.0513**	
benzoic acid	NA	NA		NA		*No Data*		NA		25.6	*U*
benzyl alcohol	NA	NA		NA		*No Data*		NA		2.56	*U*
benzyl butyl phthalate	50	NA		NA		*No Data*		NA		2.56	*U*
bis(2-chloroethoxy)methane	5	NA		NA		*No Data*		NA		2.56	*U*
bis(2-chloroethyl)ether	1	NA		NA		*No Data*		NA		2.56	*U*
bis(2-chloroisopropyl)ether	NA	NA		NA		*No Data*		NA		2.56	*U*
bis(2-ethylhexyl)phthalate	5	**7.09**	*D*	0.59		*No Data*		NA		1.76	
caprolactam	NA	NA		NA		*No Data*		NA		2.56	*U*
carbazole	NA	NA		NA		*No Data*		NA		2.56	*U*
chrysene	0.002	0.0571	*U*	**0.06**		*No Data*		0.01	*U*	**0.0615**	
dibenzo(a,h)anthracene	NA	0.0571	*U*	0.05	*U*	*No Data*		0.01	*U*	0.0513	*U*
dibenzofuran	NA	NA		NA		*No Data*		NA		2.56	*U*
diethyl phthalate	50	NA		NA		*No Data*		NA		2.56	*U*
dimethyl phthalate	50	NA		NA		*No Data*		NA		2.56	*U*
di-n-butyl phthalate	50	NA		NA		*No Data*		NA		2.56	*U*
di-n-octyl phthalate	50	NA		NA		*No Data*		NA		2.56	*U*
fluoranthene	50	0.0571	*U*	0.14		*No Data*		0.03	*J*	0.103	
fluorene	50	0.114		0.05	*U*	*No Data*		0.01	*U*	0.0513	*U*
hexachlorobenzene	0.04	NA		NA		*No Data*		NA		0.0205	*U*
hexachlorobutadiene	0.5	NA		NA		*No Data*		NA		0.513	*U*
hexachlorocyclopentadiene	5	NA		NA		*No Data*		NA		2.56	*U*
hexachloroethane	5	NA		NA		*No Data*		NA		0.513	*U*
indeno(1,2,3-cd)pyrene	0.002	0.0571	*U*	0.05	*U*	*No Data*		0.01	*U*	0.0513	*U*
isophorone	50	NA		NA		*No Data*		NA		2.56	*U*
naphthalene	10	1.31		0.19		*No Data*		0.05	*U*	0.0513	*U*
nitrobenzene	0.4	NA		NA		*No Data*		NA		0.256	*U*
n-nitrosodimethylamine	50	NA		NA		*No Data*		NA		0.513	*U*
n-nitroso-di-n-propylamine	NA	NA		NA		*No Data*		NA		2.56	*U*
n-nitrosodiphenylamine	50	NA		NA		*No Data*		NA		2.56	*U*
pentachlorophenol	1	NA		NA		*No Data*		NA		0.256	*U*
phenanthrene	50	0.08		0.1		*No Data*		0.02	*U*	0.0821	
phenol	1	NA		NA		*No Data*		NA		2.56	*U*
pyrene	50	0.0571	*U*	0.12		*No Data*		0.03	*J*	0.0718	
	TOTAL SVOCs	**8.9**		**1.6**		No Data		**0.14**		**2.71**	

Detected concentrations

Concentrations above AWQS

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 2: SVOCs in Groundwater

NYSDEC Site ID: C241172

GBTS Project: GQ14076

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/L (parts per billion, ppb)	**Sample ID**	**2MW-03 20180802**		**2MW-03 20190314**		**2MW-03 20190613**		**2MW-03 20190917**		**2MW-03 20200115**	
U= Not Detected ≥ indicated value	Sample Date	(2018-08-02)		(2019-03-14)		(2019-06-13)		(2019-09-17)		(2020-01-15)	
Data above AWQS shown in **Bold**	Dilution Factor	1		1		1		1		1	
SVOCs, 8270	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1'-biphenyl	5	2.5	U	2.56	U	NA		NA		NA	
1,2,4,5-tetrachlorobenzene	5	2.5	U	2.56	U	NA		NA		NA	
1,2,4-trichlorobenzene	5	2.5	U	2.56	U	NA		NA		NA	
1,2-dichlorobenzene	3	2.5	U	2.56	U	NA		NA		NA	
1,2-diphenylhydrazine (azobenzene)	ND	2.5	U	2.56	U	NA		NA		NA	
1,3-dichlorobenzene	3	2.5	U	2.56	U	NA		NA		NA	
1,4-dichlorobenzene	3	2.5	U	2.56	U	NA		NA		NA	
2,3,4,6-tetrachlorophenol	NA	2.5	U	2.56	U	NA		NA		NA	
2,4,5-trichlorophenol	NA	2.5	U	2.56	U	NA		NA		NA	
2,4,6-trichlorophenol	NA	2.5	U	2.56	U	NA		NA		NA	
2,4-dichlorophenol	5	2.5	U	2.56	U	NA		NA		NA	
2,4-dimethylphenol	50	2.5	U	2.56	U	NA		NA		NA	
2,4-dinitrophenol	10	2.5	U	2.56	U	NA		NA		NA	
2,4-dinitrotoluene	5	2.5	U	2.56	U	NA		NA		NA	
2,6-dinitrotoluene	5	2.5	U	2.56	U	NA		NA		NA	
2-chloronaphthalene	10	2.5	U	2.56	U	NA		NA		NA	
2-chlorophenol	NA	2.5	U	2.56	U	NA		NA		NA	
2-methylnaphthalene	NA	2.5	U	2.56	U	2.56	U	2.56	U	2.56	U
2-methylphenol	NA	2.5	U	2.56	U	NA		NA		NA	
2-nitroaniline	5	2.5	U	2.56	U	NA		NA		NA	
2-nitrophenol	NA	2.5	U	2.56	U	NA		NA		NA	
3- & 4-methylphenols	NA	2.5	U	2.56	U	NA		NA		NA	
3,3'-dichlorobenzidine	5	2.5	U	2.56	U	NA		NA		NA	
3-nitroaniline	5	2.5	U	2.56	U	NA		NA		NA	
4,6-dinitro-2-methylphenol	NA	2.5	U	2.56	U	NA		NA		NA	
4-bromophenyl phenyl ether	NA	2.5	U	2.56	U	NA		NA		NA	
4-chloro-3-methylphenol	NA	2.5	U	2.56	U	NA		NA		NA	
4-chloroaniline	5	2.5	U	2.56	U	NA		NA		NA	
4-chlorophenyl phenyl ether	NA	2.5	U	2.56	U	NA		NA		NA	
4-nitroaniline	5	2.5	U	2.56	U	NA		NA		NA	
4-nitrophenol	5	2.5	U	5.13	U	NA		NA		NA	
acenaphthene	20	0.27		0.0513		0.103		0.164		0.133	
acenaphthylene	NA	0.05	U	0.0513	U	0.0513	U	0.0615		0.0513	U
acetophenone	NA	2.5	U	2.56	U	NA		NA		NA	
aniline	5	2.5	U	2.56	U	NA		NA		NA	
anthracene	50	0.05	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U
atrazine	7.5	0.5	U	0.513	U	NA		NA		NA	
benzaldehyde	NA	2.5	U	2.56	U	NA		NA		NA	
benzidine	5	10	U	5.13	U	NA		NA		NA	
benzo(a)anthracene	0.002	0.05	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U
benzo(a)pyrene	ND	0.05	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U
benzo(b)fluoranthene	0.002	0.05	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U
benzo(g,h,i)perylene	NA	0.05	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U
benzo(k)fluoranthene	0.002	0.05	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U
benzoic acid	NA	25	U	25.6	U	NA		NA		NA	
benzyl alcohol	NA	2.5	U	2.56	U	NA		NA		NA	
benzyl butyl phthalate	50	2.5	U	2.56	U	NA		NA		NA	
bis(2-chloroethoxy)methane	5	2.5	U	2.56	U	NA		NA		NA	
bis(2-chloroethyl)ether	1	2.5	U	1.03	U	NA		NA		NA	
bis(2-chloroisopropyl)ether	NA	2.5	U	2.56	U	NA		NA		NA	
bis(2-ethylhexyl)phthalate	5	0.5	U	0.964		NA		1.07		0.0513	U
caprolactam	NA	2.5	U	2.56	U	NA		NA		NA	
carbazole	NA	2.5	U	2.56	U	NA		NA		NA	
chrysene	0.002	0.05	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U
dibenzo(a,h)anthracene	NA	0.05	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U
dibenzofuran	NA	2.5	U	2.56	U	NA		NA		NA	
diethyl phthalate	50	2.5	U	2.56	U	NA		NA		NA	
dimethyl phthalate	50	2.5	U	2.56	U	NA		NA		NA	
di-n-butyl phthalate	50	2.5	U	2.56	U	NA		NA		NA	
di-n-octyl phthalate	50	2.5	U	2.56	U	NA		NA		NA	
fluoranthene	50	0.05	U	0.0615		0.0513	U	0.0513	U	0.0513	U
fluorene	50	0.05	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U
hexachlorobenzene	0.04	0.02	U	0.0205	U	NA		NA		NA	
hexachlorobutadiene	0.5	0.5	U	0.513	U	NA		NA		NA	
hexachlorocyclopentadiene	5	2.5	U	5.13	U	NA		NA		NA	
hexachloroethane	5	0.5	U	0.513	U	NA		NA		NA	
indeno(1,2,3-cd)pyrene	0.002	0.05	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U
isophorone	50	2.5	U	2.56	U	NA		NA		NA	
naphthalene	10	0.05	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U
nitrobenzene	0.4	0.25	U	0.256	U	NA		NA		NA	
n-nitrosodimethylamine	50	0.5	U	0.513	U	NA		NA		NA	
n-nitroso-di-n-propylamine	NA	2.5	U	2.56	U	NA		NA		NA	
n-nitrosodiphenylamine	50	2.5	U	2.56	U	NA		NA		NA	
pentachlorophenol	1	0.25	U	0.256	U	NA		NA		NA	
phenanthrene	50	0.05	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U
phenol	1	2.5	U	2.56	U	NA		NA		NA	
pyrene	50	0.05	U	0.0513	U	0.0513	U	0.0513	U	0.0513	
	TOTAL SVOCs	**0.27**		**1.08**		**0.10**		**1.30**		**0.18**	

Detected concentrations

Concentrations above AWQS

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 2: SVOCs in Groundwater
NYSDEC Site ID: C241172
GBTS Project: GQ14076

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/L (parts per billion, ppb)	**Sample ID**	**2MW-03 20200505**		**DUP-20200505**		**2MW-03 20210430**		**DUP-20210430**		**2MW-04 20180402**	
U= Not Detected ≥ indicated value	Sample Date	(2020-05-05)		(2020-05-05)		(2021-04-30)		(2021-04-30)		(2018-04-02)	
Data above AWQS shown in **Bold**	Dilution Factor	1		1		1		1		1	
SVOCs, 8270	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1'-biphenyl	5	NA		NA		NA		NA		2.56	*U*
1,2,4,5-tetrachlorobenzene	5	NA		NA		NA		NA		2.56	*U*
1,2,4-trichlorobenzene	5	NA		NA		NA		NA		2.56	*U*
1,2-dichlorobenzene	3	NA		NA		NA		NA		2.56	*U*
1,2-diphenylhydrazine (azobenzene)	ND	NA		NA		NA		NA		2.56	*U*
1,3-dichlorobenzene	3	NA		NA		NA		NA		2.56	*U*
1,4-dichlorobenzene	3	NA		NA		NA		NA		2.56	*U*
2,3,4,6-tetrachlorophenol	NA	NA		NA		NA		NA		2.56	*U*
2,4,5-trichlorophenol	NA	NA		NA		NA		NA		2.56	*U*
2,4,6-trichlorophenol	NA	NA		NA		NA		NA		2.56	*U*
2,4-dichlorophenol	5	NA		NA		NA		NA		2.56	*U*
2,4-dimethylphenol	50	NA		NA		NA		NA		2.56	*U*
2,4-dinitrophenol	10	NA		NA		NA		NA		2.56	*U*
2,4-dinitrotoluene	5	NA		NA		NA		NA		2.56	*U*
2,6-dinitrotoluene	5	NA		NA		NA		NA		2.56	*U*
2-chloronaphthalene	10	NA		NA		0.02	*U*	0.02	*U*	2.56	*U*
2-chlorophenol	NA	NA		NA		NA		NA		2.56	*U*
2-methylnaphthalene	NA	2.56	*U*	2.56	*U*	0.02	*U*	0.02	*U*	2.56	*U*
2-methylphenol	NA	NA		NA		NA		NA		2.56	*U*
2-nitroaniline	5	NA		NA		NA		NA		2.56	*U*
2-nitrophenol	NA	NA		NA		NA		NA		2.56	*U*
3- & 4-methylphenols	NA	NA		NA		NA		NA		2.56	*U*
3,3'-dichlorobenzidine	5	NA		NA		NA		NA		2.56	*U*
3-nitroaniline	5	NA		NA		NA		NA		2.56	*U*
4,6-dinitro-2-methylphenol	NA	NA		NA		NA		NA		2.56	*U*
4-bromophenyl phenyl ether	NA	NA		NA		NA		NA		2.56	*U*
4-chloro-3-methylphenol	NA	NA		NA		NA		NA		2.56	*U*
4-chloroaniline	5	NA		NA		NA		NA		2.56	*U*
4-chlorophenyl phenyl ether	NA	NA		NA		NA		NA		2.56	*U*
4-nitroaniline	5	NA		NA		NA		NA		2.56	*U*
4-nitrophenol	5	NA		NA		NA		NA		2.56	*U*
acenaphthene	20	0.0615		0.0615		0.04	*J*	0.04	*J*	4.36	
acenaphthylene	NA	0.0513	*U*	0.0513	*U*	0.01	*U*	0.01	*U*	0.0821	
acetophenone	NA	NA		NA		NA		NA		2.56	*U*
aniline	5	NA		NA		NA		NA		2.56	*U*
anthracene	50	0.0513	*U*	0.0513	*U*	0.04	*J*	0.03	*J*	0.0513	*U*
atrazine	7.5	NA		NA		NA		NA		0.513	*U*
benzaldehyde	NA	NA		NA		NA		NA		2.56	*U*
benzidine	5	NA		NA		NA		NA		10.3	*U*
benzo(a)anthracene	0.002	0.0513	*U*	0.0513	*U*	0.02	*U*	0.02	*U*	0.0513	*U*
benzo(a)pyrene	ND	0.0513	*U*	0.0513	*U*	0.02	*U*	0.02	*U*	0.0513	*U*
benzo(b)fluoranthene	0.002	0.0513	*U*	0.0513	*U*	0.01	*U*	0.01	*U*	0.0513	*U*
benzo(g,h,i)perylene	NA	0.0513	*U*	0.0513	*U*	0.01	*U*	0.01	*U*	0.0513	*U*
benzo(k)fluoranthene	0.002	0.0513	*U*	0.0513	*U*	0.01	*U*	0.01	*U*	0.0513	*U*
benzoic acid	NA	NA		NA		NA		NA		25.6	*U*
benzyl alcohol	NA	NA		NA		NA		NA		2.56	*U*
benzyl butyl phthalate	50	NA		NA		NA		NA		2.56	*U*
bis(2-chloroethoxy)methane	5	NA		NA		NA		NA		2.56	*U*
bis(2-chloroethyl)ether	1	NA		NA		NA		NA		2.56	*U*
bis(2-chloroisopropyl)ether	NA	NA		NA		NA		NA		2.56	*U*
bis(2-ethylhexyl)phthalate	5	0.513	*U*	0.513	*U*	NA		NA		0.513	*U*
caprolactam	NA	NA		NA		NA		NA		2.56	*U*
carbazole	NA	NA		NA		NA		NA		2.56	*U*
chrysene	0.002	0.0513	*U*	0.0513	*U*	0.01	*U*	0.01	*U*	0.0513	*U*
dibenzo(a,h)anthracene	NA	0.0513	*U*	0.0513	*U*	0.01	*U*	0.01	*U*	0.0513	*U*
dibenzofuran	NA	NA		NA		NA		NA		2.56	*U*
diethyl phthalate	50	NA		NA		NA		NA		2.56	*U*
dimethyl phthalate	50	NA		NA		NA		NA		2.56	*U*
di-n-butyl phthalate	50	NA		NA		NA		NA		2.56	*U*
di-n-octyl phthalate	50	NA		NA		NA		NA		2.56	*U*
fluoranthene	50	0.0513	*U*	0.0513	*U*	0.02	*U*	0.02	*U*	0.0513	*U*
fluorene	50	0.0513	*U*	0.0513	*U*	0.01	*U*	0.01	*U*	0.0513	*U*
hexachlorobenzene	0.04	NA		NA		NA		NA		0.0205	*U*
hexachlorobutadiene	0.5	NA		NA		NA		NA		0.513	*U*
hexachlorocyclopentadiene	5	NA		NA		NA		NA		2.56	*U*
hexachloroethane	5	NA		NA		NA		NA		0.513	*U*
indeno(1,2,3-cd)pyrene	0.002	0.0513	*U*	0.0513	*U*	0.01	*U*	0.01	*U*	0.0513	*U*
isophorone	50	NA		NA		NA		NA		2.56	*U*
naphthalene	10	0.0513	*U*	0.0513	*U*	0.05	*U*	0.05	*U*	0.0513	*U*
nitrobenzene	0.4	NA		NA		NA		NA		0.256	*U*
n-nitrosodimethylamine	50	NA		NA		NA		NA		0.513	*U*
n-nitroso-di-n-propylamine	NA	NA		NA		NA		NA		2.56	*U*
n-nitrosodiphenylamine	50	NA		NA		NA		NA		2.56	*U*
pentachlorophenol	1	NA		NA		NA		NA		0.256	*U*
phenanthrene	50	0.0513	*U*	0.0513	*U*	0.03	*J*	0.02	*U*	0.103	
phenol	1	NA		NA		NA		NA		2.56	*U*
pyrene	50	0.0513	*U*	0.0513	*U*	0.02	*U*	0.02	*J*	0.0513	*U*
	TOTAL SVOCs	**0.06**		**0.06**		**0.11**		**0.09**		**4.55**	

Detected concentrations
Concentrations above AWQS

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 2: SVOCs in Groundwater
NYSDEC Site ID: C241172
GBTS Project: GQ14076

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/L (parts per billion, ppb)	**Sample ID**	**2MW-04 20180802**		**2MW-04 20190314**		**2MW-04 20190613**		**DUP-20190613**		**2MW-04 20190917**	
U= Not Detected ≥ indicated value	Sample Date	(2018-08-02)		(2019-03-14)		(2019-06-14)		(2019-06-13)		(2019-09-17)	
Data above AWQS shown in **Bold**	Dilution Factor	1		1				1		1	
SVOCs, 8270	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1'-biphenyl	5	2.5	*U*	2.56	*U*	NA		NA		NA	
1,2,4,5-tetrachlorobenzene	5	2.5	*U*	2.56	*U*	NA		NA		NA	
1,2,4-trichlorobenzene	5	2.5	*U*	2.56	*U*	NA		NA		NA	
1,2-dichlorobenzene	3	2.5	*U*	2.56	*U*	NA		NA		NA	
1,2-diphenylhydrazine (azobenzene)	ND	2.5	*U*	2.56	*U*	NA		NA		NA	
1,3-dichlorobenzene	3	2.5	*U*	2.56	*U*	NA		NA		NA	
1,4-dichlorobenzene	3	2.5	*U*	2.56	*U*	NA		NA		NA	
2,3,4,6-tetrachlorophenol	NA	2.5	*U*	2.56	*U*	NA		NA		NA	
2,4,5-trichlorophenol	NA	2.5	*U*	2.56	*U*	NA		NA		NA	
2,4,6-trichlorophenol	NA	2.5	*U*	2.56	*U*	NA		NA		NA	
2,4-dichlorophenol	5	2.5	*U*	2.56	*U*	NA		NA		NA	
2,4-dimethylphenol	50	2.5	*U*	2.56	*U*	NA		NA		NA	
2,4-dinitrophenol	10	2.5	*U*	2.56	*U*	NA		NA		NA	
2,4-dinitrotoluene	5	2.5	*U*	2.56	*U*	NA		NA		NA	
2,6-dinitrotoluene	5	2.5	*U*	2.56	*U*	NA		NA		NA	
2-chloronaphthalene	10	2.5	*U*	2.56	*U*	NA		NA		NA	
2-chlorophenol	NA	2.5	*U*	2.56	*U*	NA		NA		NA	
2-methylnaphthalene	NA	2.5	*U*	2.56	*U*	2.94	*U*	2.63	*U*	2.56	*U*
2-methylphenol	NA	2.5	*U*	2.56	*U*	NA		NA		NA	
2-nitroaniline	5	2.5	*U*	2.56	*U*	NA		NA		NA	
2-nitrophenol	NA	2.5	*U*	2.56	*U*	NA		NA		NA	
3- & 4-methylphenols	NA	2.5	*U*	2.56	*U*	NA		NA		NA	
3,3'-dichlorobenzidine	5	2.5	*U*	2.56	*U*	NA		NA		NA	
3-nitroaniline	5	2.5	*U*	2.56	*U*	NA		NA		NA	
4,6-dinitro-2-methylphenol	NA	2.5	*U*	2.56	*U*	NA		NA		NA	
4-bromophenyl phenyl ether	NA	2.5	*U*	2.56	*U*	NA		NA		NA	
4-chloro-3-methylphenol	NA	2.5	*U*	2.56	*U*	NA		NA		NA	
4-chloroaniline	5	2.5	*U*	2.56	*U*	NA		NA		NA	
4-chlorophenyl phenyl ether	NA	2.5	*U*	2.56	*U*	NA		NA		NA	
4-nitroaniline	5	2.5	*U*	2.56	*U*	NA		NA		NA	
4-nitrophenol	5	2.5	*U*	2.56	*U*	NA		NA		NA	
acenaphthene	20	2.91		0.615		1.68		1.55		1.95	
acenaphthylene	NA	0.05	*U*	0.0513	*U*	0.0588	*U*	0.0526	*U*	0.0513	*U*
acetophenone	NA	2.5	*U*	2.56	*U*	NA		NA		NA	
aniline	5	2.5	*U*	2.56	*U*	NA		NA		NA	
anthracene	50	0.07		0.236		0.0588	*U*	0.0526	*U*	0.0513	*U*
atrazine	7.5	0.5	*U*	0.513	*U*	NA		NA		NA	
benzaldehyde	NA	2.5	*U*	2.56	*U*	NA		NA		NA	
benzidine	5	10	*U*	10.3	*U*	NA		NA		NA	
benzo(a)anthracene	0.002	0.05	*U*	0.0513	*U*	0.0588	*U*	0.0526	*U*	0.0513	*U*
benzo(a)pyrene	ND	0.05	*U*	0.0513	*U*	0.0588	*U*	0.0526	*U*	0.0513	*U*
benzo(b)fluoranthene	0.002	0.05	*U*	0.0513	*U*	0.0588	*U*	0.0526	*U*	0.0513	*U*
benzo(g,h,i)perylene	NA	0.05	*U*	0.0513	*U*	0.0588	*U*	0.0526	*U*	0.0513	*U*
benzo(k)fluoranthene	0.002	0.05	*U*	0.0513	*U*	0.0588	*U*	0.0526	*U*	0.0513	*U*
benzoic acid	NA	25	*U*	25.6	*U*	NA		NA		NA	
benzyl alcohol	NA	2.5	*U*	2.56	*U*	NA		NA		NA	
benzyl butyl phthalate	50	2.5	*U*	2.56	*U*	NA		NA		NA	
bis(2-chloroethoxy)methane	5	2.5	*U*	2.56	*U*	NA		NA		NA	
bis(2-chloroethyl)ether	1	2.5	*U*	2.56	*U*	NA		NA		NA	
bis(2-chloroisopropyl)ether	NA	2.5	*U*	2.56	*U*	NA		NA		NA	
bis(2-ethylhexyl)phthalate	5	0.5	*U*	0.513	*U*	NA		NA		0.513	*U*
caprolactam	NA	2.5	*U*	2.56	*U*	NA		NA		NA	
carbazole	NA	2.5	*U*	2.56	*U*	NA		NA		NA	
chrysene	0.002	0.05	*U*	0.0513	*U*	0.0588	*U*	0.0526	*U*	0.0513	*U*
dibenzo(a,h)anthracene	NA	0.05	*U*	0.0513	*U*	0.0588	*U*	0.0526	*U*	0.0513	*U*
dibenzofuran	NA	2.5	*U*	2.56	*U*	NA		NA		NA	
diethyl phthalate	50	2.5	*U*	2.56	*U*	NA		NA		NA	
dimethyl phthalate	50	2.5	*U*	2.56	*U*	NA		NA		NA	
di-n-butyl phthalate	50	2.5	*U*	2.56	*U*	NA		NA		NA	
di-n-octyl phthalate	50	2.5	*U*	2.56	*U*	NA		NA		NA	
fluoranthene	50	0.05	*U*	0.0513	*U*	0.0588	*U*	0.0526	*U*	0.0513	*U*
fluorene	50	0.05	*U*	0.0513	*U*	0.0588	*U*	0.0526	*U*	0.0513	*U*
hexachlorobenzene	0.04	0.02	*U*	0.0205	*U*	NA		NA		NA	
hexachlorobutadiene	0.5	0.5	*U*	0.513	*U*	NA		NA		NA	
hexachlorocyclopentadiene	5	2.5	*U*	2.56	*U*	NA		NA		NA	
hexachloroethane	5	0.5	*U*	0.513	*U*	NA		NA		NA	
indeno(1,2,3-cd)pyrene	0.002	0.05	*U*	0.0513	*U*	0.0588	*U*	0.0526	*U*	0.0513	*U*
isophorone	50	2.5	*U*	2.56	*U*	NA		NA		NA	
naphthalene	10	0.05	*U*	0.318		0.0588	*U*	0.0526	*U*	0.0513	*U*
nitrobenzene	0.4	0.25	*U*	0.256	*U*	NA		NA		NA	
n-nitrosodimethylamine	50	0.5	*U*	0.513	*U*	NA		NA		NA	
n-nitroso-di-n-propylamine	NA	2.5	*U*	2.56	*U*	NA		NA		NA	
n-nitrosodiphenylamine	50	2.5	*U*	2.56	*U*	NA		NA		NA	
pentachlorophenol	1	0.25	*U*	0.256	*U*	NA		NA		NA	
phenanthrene	50	0.05	*U*	0.0513	*U*	0.0588	*U*	0.0526	*U*	0.0513	*U*
phenol	1	2.5	*U*	2.56	*U*	NA		NA		NA	
pyrene	50	0.05	*U*	0.0513	*U*	0.0588	*U*	0.0526	*U*	0.0513	*U*
	TOTAL SVOCs	**2.98**		**1.17**		**1.68**		**1.55**		**1.95**	

Detected concentrations
Concentrations above AWQS

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 2: SVOCs in Groundwater

NYSDEC Site ID: C241172

GBTS Project: GQ14076

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/L (parts per billion, ppb)	**Sample ID**	**2MW-04 20200115**		**2MW-04 20200505**		**2MW-04 20210430**		**2MW-05 20180402**		**2MW-05 20180802**	
U= Not Detected ≥ indicated value	Sample Date	(2020-01-15)		(2020-05-05)		(2021-04-30)		(2018-04-02)		(2018-08-02)	
Data above AWQS shown in **Bold**	Dilution Factor	1		1		1		1		1	
SVOCs, 8270	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1'-biphenyl	5	NA		NA		NA		2.56	U	2.5	U
1,2,4,5-tetrachlorobenzene	5	NA		NA		NA		2.56	U	2.5	U
1,2,4-trichlorobenzene	5	NA		NA		NA		2.56	U	2.5	U
1,2-dichlorobenzene	3	NA		NA		NA		2.56	U	2.5	U
1,2-diphenylhydrazine (azobenzene)	ND	NA		NA		NA		2.56	U	2.5	U
1,3-dichlorobenzene	3	NA		NA		NA		2.56	U	2.5	U
1,4-dichlorobenzene	3	NA		NA		NA		2.56	U	2.5	U
2,3,4,6-tetrachlorophenol	NA	NA		NA		NA		2.56	U	2.5	U
2,4,5-trichlorophenol	NA	NA		NA		NA		2.56	U	2.5	U
2,4,6-trichlorophenol	NA	NA		NA		NA		2.56	U	2.5	U
2,4-dichlorophenol	5	NA		NA		NA		2.56	U	2.5	U
2,4-dimethylphenol	50	NA		NA		NA		2.56	U	2.5	U
2,4-dinitrophenol	10	NA		NA		NA		2.56	U	2.5	U
2,4-dinitrotoluene	5	NA		NA		NA		2.56	U	2.5	U
2,6-dinitrotoluene	5	NA		NA		NA		2.56	U	2.5	U
2-chloronaphthalene	10	NA		NA		0.02	U	2.56	U	2.5	U
2-chlorophenol	NA	NA		NA		NA		2.56	U	2.5	U
2-methylnaphthalene	NA	2.56	U	2.63	U	0.02	U	2.56	U	2.5	U
2-methylphenol	NA	NA		NA		NA		2.56	U	2.5	U
2-nitroaniline	5	NA		NA		NA		2.56	U	2.5	U
2-nitrophenol	NA	NA		NA		NA		2.56	U	2.5	U
3- & 4-methylphenols	NA	NA		NA		NA		2.56	U	2.5	U
3,3'-dichlorobenzidine	5	NA		NA		NA		2.56	U	2.5	U
3-nitroaniline	5	NA		NA		NA		2.56	U	2.5	U
4,6-dinitro-2-methylphenol	NA	NA		NA		NA		2.56	U	2.5	U
4-bromophenyl phenyl ether	NA	NA		NA		NA		2.56	U	2.5	U
4-chloro-3-methylphenol	NA	NA		NA		NA		2.56	U	2.5	U
4-chloroaniline	5	NA		NA		NA		2.56	U	2.5	U
4-chlorophenyl phenyl ether	NA	NA		NA		NA		2.56	U	2.5	U
4-nitroaniline	5	NA		NA		NA		2.56	U	2.5	U
4-nitrophenol	5	NA		NA		NA		2.56	U	2.5	U
acenaphthene	20	1.71		0.716		0.04	J	0.615		0.42	
acenaphthylene	NA	0.0513	U	0.0526	U	0.01	U	0.0513	U	0.05	U
acetophenone	NA	NA		NA		NA		2.56	U	2.5	U
aniline	5	NA		NA		NA		2.56	U	2.5	U
anthracene	50	0.0513	U	0.0526	U	0.04	J	0.236		0.09	
atrazine	7.5	NA		NA		NA		0.513	U	0.5	U
benzaldehyde	NA	NA		NA		NA		2.56	U	2.5	U
benzidine	5	NA		NA		NA		10.3	U	10	U
benzo(a)anthracene	0.002	0.0513	U	0.0526	U	0.02	U	0.0513	U	0.05	U
benzo(a)pyrene	ND	0.0513	U	0.0526	U	0.02	U	0.0513	U	0.05	U
benzo(b)fluoranthene	0.002	0.0513	U	0.0526	U	0.01	U	0.0513	U	0.05	U
benzo(g,h,i)perylene	NA	0.0513	U	0.0526	U	0.01	U	0.0513	U	0.05	U
benzo(k)fluoranthene	0.002	0.0513	U	0.0526	U	0.01	U	0.0513	U	0.05	U
benzoic acid	NA	NA		NA		NA		25.6	U	25	U
benzyl alcohol	NA	NA		NA		NA		2.56	U	2.5	U
benzyl butyl phthalate	50	NA		NA		NA		2.56	U	2.5	U
bis(2-chloroethoxy)methane	5	NA		NA		NA		2.56	U	2.5	U
bis(2-chloroethyl)ether	1	NA		NA		NA		2.56	U	2.5	U
bis(2-chloroisopropyl)ether	NA	NA		NA		NA		2.56	U	2.5	U
bis(2-ethylhexyl)phthalate	5	0.8		0.526	U	NA		0.513	U	0.5	U
caprolactam	NA	NA		NA		NA		2.56	U	2.5	U
carbazole	NA	NA		NA		NA		2.56	U	2.5	U
chrysene	0.002	0.0513	U	0.526	U	0.01	U	0.0513	U	0.05	U
dibenzo(a,h)anthracene	NA	0.0513	U	0.526	U	0.01	U	0.0513	U	0.05	U
dibenzofuran	NA	NA		NA		NA		2.56	U	2.5	U
diethyl phthalate	50	NA		NA		NA		2.56	U	2.5	U
dimethyl phthalate	50	NA		NA		NA		2.56	U	2.5	U
di-n-butyl phthalate	50	NA		NA		NA		2.56	U	2.5	U
di-n-octyl phthalate	50	NA		NA		NA		2.56	U	2.5	U
fluoranthene	50	0.0513	U	0.526	U	0.03	J	0.0513	U	0.05	U
fluorene	50	0.0513	U	0.526	U	0.01	U	0.0513	U	0.05	U
hexachlorobenzene	0.04	NA		NA		NA		0.0205	U	0.02	U
hexachlorobutadiene	0.5	NA		NA		NA		0.513	U	0.5	U
hexachlorocyclopentadiene	5	NA		NA		NA		2.56	U	2.5	U
hexachloroethane	5	NA		NA		NA		0.513	U	0.5	U
indeno(1,2,3-cd)pyrene	0.002	0.0513	U	0.526	U	0.01	U	0.0513	U	0.05	U
isophorone	50	NA		NA		NA		2.56	U	2.5	U
naphthalene	10	0.0513	U	0.526	U	0.01	U	0.318		2.65	
nitrobenzene	0.4	NA		NA		NA		0.256	U	0.25	U
n-nitrosodimethylamine	50	NA		NA		NA		0.513	U	0.5	U
n-nitroso-di-n-propylamine	NA	NA		NA		NA		2.56	U	2.5	U
n-nitrosodiphenylamine	50	NA		NA		NA		2.56	U	2.5	U
pentachlorophenol	1	NA		NA		NA		0.256	U	0.25	U
phenanthrene	50	0.0513	U	0.526	U	0.04	J	0.0513	U	0.05	U
phenol	1	NA		NA		NA		2.56	U	2.5	U
pyrene	50	0.0513	U	0.526	U	0.03	J	0.0513	U	0.05	U
	TOTAL SVOCs	**2.51**		**0.72**		**0.18**		**1.17**		**3.16**	

Detected concentrations

Concentrations above AWQS

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 2: SVOCs in Groundwater

NYSDEC Site ID: C241172

GBTS Project: GQ14076

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/L (parts per billion, ppb)	**Sample ID**	**DUP-20180802**		**2MW-05**		**2MW-05 20190613**		**2MW-05 20190917**		**2MW-05 20200115**	
U= Not Detected ≥ indicated value	Sample Date	(2018-08-02)		(2019-03-14)		(2019-06-13)		(2019-09-17)		(2020-01-15)	
Data above AWQS shown in **Bold**	Dilution Factor	1				1		1		1	
SVOCs, 8270	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1'-biphenyl	5	2.5	*U*	*No Data*		NA		NA		NA	
1,2,4,5-tetrachlorobenzene	5	2.5	*U*	*No Data*		NA		NA		NA	
1,2,4-trichlorobenzene	5	2.5	*U*	*No Data*		NA		NA		NA	
1,2-dichlorobenzene	3	2.5	*U*	*No Data*		NA		NA		NA	
1,2-diphenylhydrazine (azobenzene)	ND	2.5	*U*	*No Data*		NA		NA		NA	
1,3-dichlorobenzene	3	2.5	*U*	*No Data*		NA		NA		NA	
1,4-dichlorobenzene	3	2.5	*U*	*No Data*		NA		NA		NA	
2,3,4,6-tetrachlorophenol	NA	2.5	*U*	*No Data*		NA		NA		NA	
2,4,5-trichlorophenol	NA	2.5	*U*	*No Data*		NA		NA		NA	
2,4,6-trichlorophenol	NA	2.5	*U*	*No Data*		NA		NA		NA	
2,4-dichlorophenol	5	2.5	*U*	*No Data*		NA		NA		NA	
2,4-dimethylphenol	50	2.5	*U*	*No Data*		NA		NA		NA	
2,4-dinitrophenol	10	2.5	*U*	*No Data*		NA		NA		NA	
2,4-dinitrotoluene	5	2.5	*U*	*No Data*		NA		NA		NA	
2,6-dinitrotoluene	5	2.5	*U*	*No Data*		NA		NA		NA	
2-chloronaphthalene	10	2.5	*U*	*No Data*		NA		NA		NA	
2-chlorophenol	NA	2.5	*U*	*No Data*		NA		NA		NA	
2-methylnaphthalene	NA	2.5	*U*	*No Data*		2.86	*U*	2.78	*U*	2.56	*U*
2-methylphenol	NA	2.5	*U*	*No Data*		NA		NA		NA	
2-nitroaniline	5	2.5	*U*	*No Data*		NA		NA		NA	
2-nitrophenol	NA	2.5	*U*	*No Data*		NA		NA		NA	
3- & 4-methylphenols	NA	2.5	*U*	*No Data*		NA		NA		NA	
3,3'-dichlorobenzidine	5	2.5	*U*	*No Data*		NA		NA		NA	
3-nitroaniline	5	2.5	*U*	*No Data*		NA		NA		NA	
4,6-dinitro-2-methylphenol	NA	2.5	*U*	*No Data*		NA		NA		NA	
4-bromophenyl phenyl ether	NA	2.5	*U*	*No Data*		NA		NA		NA	
4-chloro-3-methylphenol	NA	2.5	*U*	*No Data*		NA		NA		NA	
4-chloroaniline	5	2.5	*U*	*No Data*		NA		NA		NA	
4-chlorophenyl phenyl ether	NA	2.5	*U*	*No Data*		NA		NA		NA	
4-nitroaniline	5	2.5	*U*	*No Data*		NA		NA		NA	
4-nitrophenol	5	2.5	*U*	*No Data*		NA		NA		NA	
acenaphthene	20	0.56		*No Data*		0.137		0.256		0.144	
acenaphthylene	NA	0.05	*U*	*No Data*		0.0571	*U*	0.0556	*U*	0.0513	*U*
acetophenone	NA	2.5	*U*	*No Data*		NA		NA		NA	
aniline	5	2.5	*U*	*No Data*		NA		NA		NA	
anthracene	50	0.09		*No Data*		0.0571	*U*	0.0556	*U*	0.0513	*U*
atrazine	7.5	0.5	*U*	*No Data*		NA		NA		NA	
benzaldehyde	NA	2.5	*U*	*No Data*		NA		NA		NA	
benzidine	5	10	*U*	*No Data*		NA		NA		NA	
benzo(a)anthracene	0.002	0.05	*U*	*No Data*		0.0571	*U*	0.0556	*U*	0.0513	*U*
benzo(a)pyrene	ND	0.05	*U*	*No Data*		0.0571	*U*	0.0556	*U*	0.0513	*U*
benzo(b)fluoranthene	0.002	0.05	*U*	*No Data*		0.0571	*U*	0.0556	*U*	0.0513	*U*
benzo(g,h,i)perylene	NA	0.05	*U*	*No Data*		0.0571	*U*	0.0556	*U*	0.0513	*U*
benzo(k)fluoranthene	0.002	0.05	*U*	*No Data*		0.0571	*U*	0.0556	*U*	0.0513	*U*
benzoic acid	NA	25	*U*	*No Data*		NA		NA		NA	
benzyl alcohol	NA	2.5	*U*	*No Data*		NA		NA		NA	
benzyl butyl phthalate	50	2.5	*U*	*No Data*		NA		NA		NA	
bis(2-chloroethoxy)methane	5	2.5	*U*	*No Data*		NA		NA		NA	
bis(2-chloroethyl)ether	1	2.5	*U*	*No Data*		NA		NA		NA	
bis(2-chloroisopropyl)ether	NA	2.5	*U*	*No Data*		NA		NA		NA	
bis(2-ethylhexyl)phthalate	5	0.5	*U*	*No Data*		NA		0.556	*U*	0.718	
caprolactam	NA	2.5	*U*	*No Data*		NA		NA		NA	
carbazole	NA	2.5	*U*	*No Data*		NA		NA		NA	
chrysene	0.002	0.05	*U*	*No Data*		0.0571	*U*	0.0556	*U*	0.0513	*U*
dibenzo(a,h)anthracene	NA	0.05	*U*	*No Data*		0.0571	*U*	0.0556	*U*	0.0513	*U*
dibenzofuran	NA	2.5	*U*	*No Data*		NA		NA		NA	
diethyl phthalate	50	2.5	*U*	*No Data*		NA		NA		NA	
dimethyl phthalate	50	2.5	*U*	*No Data*		NA		NA		NA	
di-n-butyl phthalate	50	2.5	*U*	*No Data*		NA		NA		NA	
di-n-octyl phthalate	50	2.5	*U*	*No Data*		NA		NA		NA	
fluoranthene	50	0.05	*U*	*No Data*		0.0571	*U*	0.0556	*U*	0.0513	*U*
fluorene	50	0.05	*U*	*No Data*		0.0571	*U*	0.0556	*U*	0.0513	*U*
hexachlorobenzene	0.04	0.02	*U*	*No Data*		NA		NA		NA	
hexachlorobutadiene	0.5	0.5	*U*	*No Data*		NA		NA		NA	
hexachlorocyclopentadiene	5	2.5	*U*	*No Data*		NA		NA		NA	
hexachloroethane	5	0.5	*U*	*No Data*		NA		NA		NA	
indeno(1,2,3-cd)pyrene	0.002	0.05	*U*	*No Data*		0.0571	*U*	0.0556	*U*	0.0513	*U*
isophorone	50	2.5	*U*	*No Data*		NA		NA		NA	
naphthalene	10	3.42		*No Data*		0.0571	*U*	0.0556	*U*	0.0513	*U*
nitrobenzene	0.4	0.25	*U*	*No Data*		NA		NA		NA	
n-nitrosodimethylamine	50	0.5	*U*	*No Data*		NA		NA		NA	
n-nitroso-di-n-propylamine	NA	2.5	*U*	*No Data*		NA		NA		NA	
n-nitrosodiphenylamine	50	2.5	*U*	*No Data*		NA		NA		NA	
pentachlorophenol	1	0.25	*U*	*No Data*		NA		NA		NA	
phenanthrene	50	0.05	*U*	*No Data*		0.0571	*U*	0.0556	*U*	0.0513	*U*
phenol	1	2.5	*U*	*No Data*		NA		NA		NA	
pyrene	50	0.05	*U*	*No Data*		0.0571	*U*	0.0556	*U*	0.0513	*U*
	TOTAL SVOCs	**4.07**		No Data		**0.14**		**0.26**		**0.86**	

Detected concentrations

Concentrations above AWQS

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 2: SVOCs in Groundwater

NYSDEC Site ID: C241172

GBTS Project: GQ14076

GALLAGHER BASSETT | TECHNICAL SERVICES

All data in µg/L (parts per billion, ppb)	**Sample ID**	**2MW-05 20200505**		**2MW-05 20210430**	
U= Not Detected ≥ indicated value	Sample Date	(2020-05-05)		(2021-04-30)	
Data above AWQS shown in **Bold**	Dilution Factor	1		1	
SVOCs, 8270	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1'-biphenyl	5	NA		NA	
1,2,4,5-tetrachlorobenzene	5	NA		NA	
1,2,4-trichlorobenzene	5	NA		NA	
1,2-dichlorobenzene	3	NA		NA	
1,2-diphenylhydrazine (azobenzene)	ND	NA		NA	
1,3-dichlorobenzene	3	NA		NA	
1,4-dichlorobenzene	3	NA		NA	
2,3,4,6-tetrachlorophenol	NA	NA		NA	
2,4,5-trichlorophenol	NA	NA		NA	
2,4,6-trichlorophenol	NA	NA		NA	
2,4-dichlorophenol	5	NA		NA	
2,4-dimethylphenol	50	NA		NA	
2,4-dinitrophenol	10	NA		NA	
2,4-dinitrotoluene	5	NA		NA	
2,6-dinitrotoluene	5	NA		NA	
2-chloronaphthalene	10	NA		0.02	*U*
2-chlorophenol	NA	NA		NA	
2-methylnaphthalene	NA	2.56	*U*	0.02	*J*
2-methylphenol	NA	NA		NA	
2-nitroaniline	5	NA		NA	
2-nitrophenol	NA	NA		NA	
3- & 4-methylphenols	NA	NA		NA	
3,3'-dichlorobenzidine	5	NA		NA	
3-nitroaniline	5	NA		NA	
4,6-dinitro-2-methylphenol	NA	NA		NA	
4-bromophenyl phenyl ether	NA	NA		NA	
4-chloro-3-methylphenol	NA	NA		NA	
4-chloroaniline	5	NA		NA	
4-chlorophenyl phenyl ether	NA	NA		NA	
4-nitroaniline	5	NA		NA	
4-nitrophenol	5	NA		NA	
acenaphthene	20	0.318		0.13	
acenaphthylene	NA	0.0513	*U*	0.01	*U*
acetophenone	NA	NA		NA	
aniline	5	NA		NA	
anthracene	50	0.0513	*U*	0.03	*J*
atrazine	7.5	NA		NA	
benzaldehyde	NA	NA		NA	
benzidine	5	NA		NA	
benzo(a)anthracene	0.002	0.0513	*U*	0.02	*U*
benzo(a)pyrene	ND	0.0513	*U*	0.02	*U*
benzo(b)fluoranthene	0.002	0.0513	*U*	0.01	*U*
benzo(g,h,i)perylene	NA	0.0513	*U*	0.01	*U*
benzo(k)fluoranthene	0.002	0.0513	*U*	0.01	*U*
benzoic acid	NA	NA		NA	
benzyl alcohol	NA	NA		NA	
benzyl butyl phthalate	50	NA		NA	
bis(2-chloroethoxy)methane	5	NA		NA	
bis(2-chloroethyl)ether	1	NA		NA	
bis(2-chloroisopropyl)ether	NA	NA		NA	
bis(2-ethylhexyl)phthalate	5	0.0513	*U*	NA	
caprolactam	NA	NA		NA	
carbazole	NA	NA		NA	
chrysene	0.002	0.0513	*U*	0.01	*U*
dibenzo(a,h)anthracene	NA	0.0513	*U*	0.01	*U*
dibenzofuran	NA	NA		NA	
diethyl phthalate	50	NA		NA	
dimethyl phthalate	50	NA		NA	
di-n-butyl phthalate	50	NA		NA	
di-n-octyl phthalate	50	NA		NA	
fluoranthene	50	0.0513	*U*	0.02	*U*
fluorene	50	0.0513	*U*	0.02	*J*
hexachlorobenzene	0.04	NA		NA	
hexachlorobutadiene	0.5	NA		NA	
hexachlorocyclopentadiene	5	NA		NA	
hexachloroethane	5	NA		NA	
indeno(1,2,3-cd)pyrene	0.002	0.0513	*U*	0.01	*U*
isophorone	50	NA		NA	
naphthalene	10	0.0513	*U*	0.05	*U*
nitrobenzene	0.4	NA		NA	
n-nitrosodimethylamine	50	NA		NA	
n-nitroso-di-n-propylamine	NA	NA		NA	
n-nitrosodiphenylamine	50	NA		NA	
pentachlorophenol	1	NA		NA	
phenanthrene	50	0.0513	*U*	0.02	*U*
phenol	1	NA		NA	
pyrene	50	0.0615		0.02	*U*
	TOTAL SVOCs	**0.38**		**0.20**	

Detected concentrations

Concentrations above AWQS

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

APPENDIX C

Side-wide Inspection Form

SITE-WIDE INSPECTION FORM

GDC LIC Development Site (NYSDEC Site ID: C241172)
Long Island City, Queens, New York

GALLAGHER BASSETT | TECHNICAL SERVICES

Inspection Date: April 30, 2021 Weather: 60-70s°F, cloudy

Inspection Item	Yes	No	NA	Comments (include corrective actions)
General Checklist (use reverse side for additional comments or drawings)				
Change of ownership or use (Restricted Residential)? Transfer of COC?		X		
Erection of structures?		X		
Any activity likely to disrupt or expose contamination?		X		
Any activity that will/may interfere with remedial program elements, or continued ability to implement engineering or institutional controls?		X		
Cover System Monitoring Checklist				
Were there any ground-intrusive activities conducted (installation/relocation of utilities, etc.)? If so, specify.		X		
Is there evidence that ground-intrusive activities were conducted? If so, specify.		X		
Are there signs of soil erosion in the landscaped areas that could interfere with the cover system integrity? If so, specify.		X		
Are there any holes, cracks, vegetation, or physical deficiencies in paved areas? If so, sketch area on reverse side.		X		
Areas of significant ponding on-site?		X		
Are there any holes, cracks, vegetation, or physical deficiencies in the building floor slab? If so, identify the building and sketch area on reverse side.		X		
Groundwater Monitoring Well Network				
Monitoring wells (2MW-1 to 2MW-5) usable/in good condition?	X			All wells sampled April 30, 2021
SSDS Checklist (review for all on-site buildings, report on problems in specific buildings as needed)				
Each riser pipe: holes, cracks or other problems?		X		no evidence at visible roof locations
Each discharge vent pipe: functional and maintained?	X			
Each roof-top turbine: operating?	X			
Each monitoring device (if present): Sufficient vacuum?			X	
Site Records				
Operator has updated SMP and FER available on-site?	X			

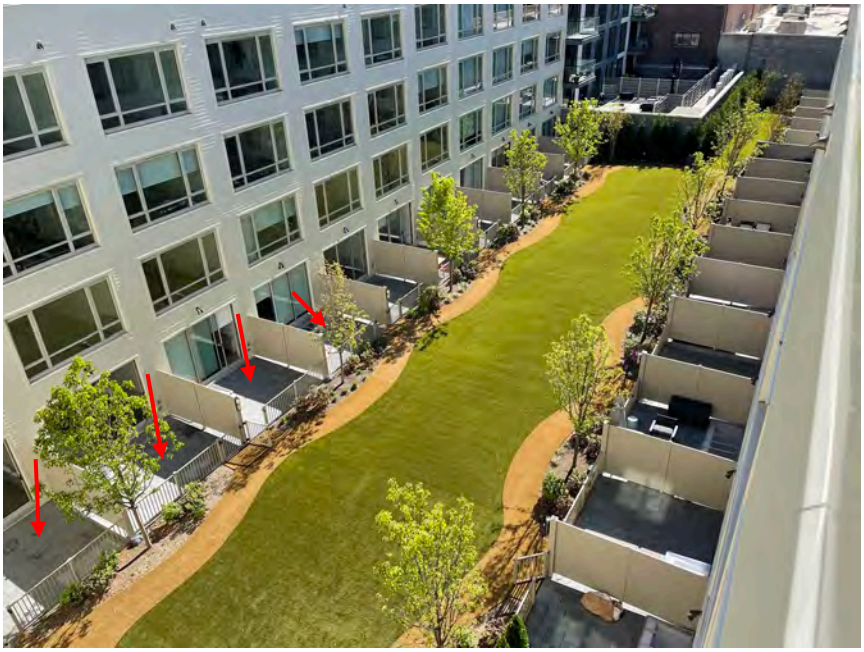
Inspector Name: Victoria Panico Inspector Signature: Victoria Panico

Previous Inspection Date: May 5, 2020 Next Inspection Date: April 2022

APPENDIX D

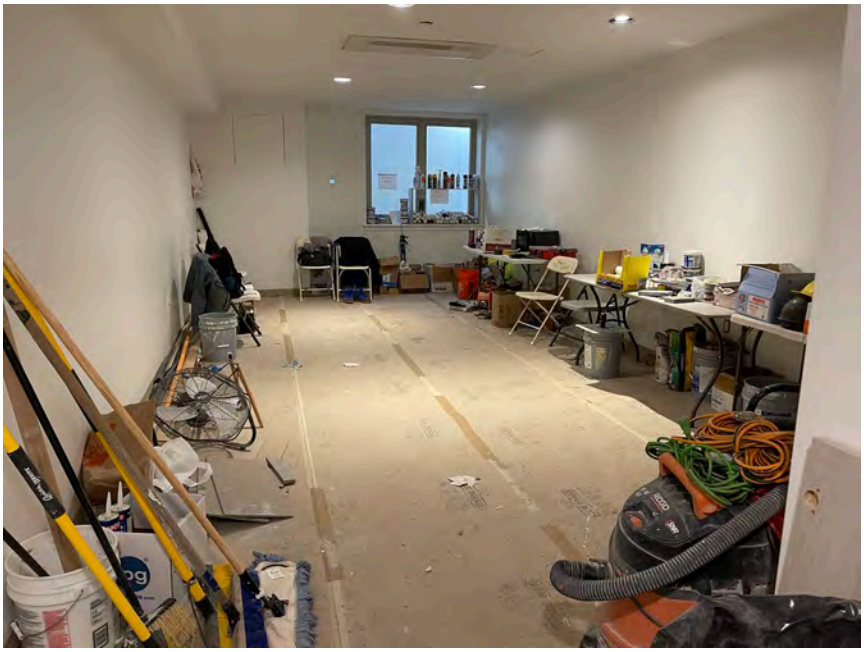
Photographs

1. Cover system consisting of imported clean soil and crushed stone, exterior courtyard area



2. Arrows showing typical cover system at rear yards (pavement over imported clean materials)

3. Typical cover system at building interior (wood floors underlain by concrete building slab, unit 146)



4. Typical cover system at building interior (concrete building slab, unit 130)

5. Landscape planter along 46th Avenue

6. Typical cover system along 46th Avenue (stone and pavement, overlying imported clean soil)

7. SSDS roof wind turbines at units 139 through 150, along 45th Road

8. SSDS roof wind turbines at units 113 to 130, along 46th Avenue

9. Off-site sidewalks along 45th Road (newly retored)

10. Off-site groundwater monitoring well (2MW-02) in good condition, along 11th Street

APPENDIX E

Engineering Controls Certification Form

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. **C241172**

Site Name GDC LIC Development

Site Address: 45-35 11th Street and 11-22 45th Road Zip Code: 11101
City/Town: Queens
County: Queens
Site Acreage: 1.148

Reporting Period: April 21, 2020 to April 21, 2021

	YES	NO
1. Is the information above correct?	X	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	X
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	X
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	X
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	X

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Restricted-Residential, Commercial, and Industrial	X	☐
7. Are all ICs in place and functioning as designed?	X	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

Box 2A

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☒

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	☒	☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C241172 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
4-54-13	GDC LIC Owner LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan IC/EC Plan

1. Requires the remedial party or site owner to submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-l .8(h)(3);
2. Allows for use and development of the property for restricted residential, commercial and industrial uses as defined in Part 375-l.8(g) and in accordance with applicable local zoning;
3. Restricts the use of groundwater as a source of potable or process water, without the necessary water quality treatment as determined by NYS Department of Health and NYC Department of Health and Mental Hygiene;
4. Requires compliance with the Department approved Site Management Plan.

4-54-20	GDC LIC Owner LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan IC/EC Plan

1. Requires the remedial party or site owner to submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-l .8(h)(3);
2. Allows for use and development of the property for restricted residential, commercial and industrial uses as defined in Part 375-l.8(g) and in accordance with applicable local zoning;
3. Restricts the use of groundwater as a source of potable or process water, without the necessary water quality treatment as determined by NYS Department of Health and NYC Department of Health and Mental Hygiene;
4. Requires compliance with the Department approved Site Management Plan.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
4-54-13	Cover System
A site cover system will be required to allow for restricted residential use of the site. The cover will consist either of the structures such as buildings, pavement, sidewalks, or a soil cover in areas where the upper two feet of exposed surface soil will exceed the applicable soil cleanup objectives (SCOs). The soil cover will consist of a minimum of two feet of clean soil, as set forth in 6 NYCRR Part 375-6.7(d) for restricted residential use. The soil cover will be placed over a demarcation layer, with the upper six inches of the soil of sufficient quality to maintain a vegetation layer. Any fill material brought to the site will meet the requirements for the identified site use as set forth in 6 NYCRR Part 375-6.7(d).	
4-54-20	Cover System
A site cover system will be required to allow for restricted residential use of the site. The cover will consist either of the structures such as buildings, pavement, sidewalks, or a soil cover in areas where the upper two feet of exposed surface soil will exceed the applicable soil cleanup objectives (SCOs). The soil cover will consist of a minimum of two feet of clean soil, as set forth in 6 NYCRR Part 375-6.7(d) for restricted residential use. The soil cover will be placed over a demarcation layer, with the upper six inches of the soil of sufficient quality to maintain a vegetation layer. Any fill material brought to the site will meet the requirements for the identified site use as set forth in 6 NYCRR Part 375-6.7(d).	

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
X	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
X	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

IC CERTIFICATIONS
SITE NO. C241172

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Michael Orlandi (print name) at 245 Saw Mill River Rd, Hawthorne, NY 10532 (print business address),

am certifying as Owner (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

5/21/2021
Date

EC CERTIFICATIONS

Box 7

Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I James Blaney (print name) at Gallagher Bassett Technical Services (print business address),

am certifying as a Qualified Environmental Professional for the owner (Owner or Remedial Party)

5/20/2021

Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification	Stamp (Required for PE)	Date