AECOM Environment

Prepared for:
Superfund Standby Program
NYSDEC
625 Broadway
Albany, New York 12233

Prepared by:
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March 2020

DRAFT Groundwater Monitoring Report
August 2019 Event
34 Freeman's Bridge Road Site
Site No. 447028
Work Assignment No. D007626-12

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Contents

1.0 Introduction 1-1

1.1 Site Description and History 1-1

2.0 Groundwater Sampling and Analysis 2-1

2.1 Methodology 2-1

3.0 Monitoring Results 3-1

3.1 Groundwater Monitoring 3-1

3.2 Groundwater Analytical Results 3-1

3.2.1 Volatile Organic Compounds 3-1

3.2.2 Semi-Volatile Organic Compounds 3-2

3.2.3 Metals 3-3

3.2.4 PCBs 3-3

3.2.5 Pesticides 3-3

3.2.6 Emerging Contaminants (PFAS) 3-3

4.0 Site Maintenance and Inspection 4-1

4.1 Groundwater Monitoring Well Replacement/Repairs 4-1

4.2 November 2019 Site Walk 4-1

4.3 December 2019 IC/EC Inspection 4-1

5.0 Summary and Recommendations 5-1

5.1 Summary 5-1

5.2 Recommendations 5-2

List of Appendices

Appendix A Monitoring Well Purging/Sampling Forms

Appendix B Cumulative Groundwater Analytical Summary Tables

Groundwater Analytical Summary – Volatile Organic Compounds

Groundwater Analytical Summary – Semi-Volatile Organic Compounds

Groundwater Analytical Summary – Metals

Groundwater Analytical Summary – Polychlorinated biphenyls

Groundwater Analytical Summary – Pesticides

Appendix C Graphs of Concentration Trends in VOCs and SVOCs

Appendix D August 2019 Laboratory Analytical Report

Appendix E MW-18 and MW-19 Well Construction Logs

Appendix F MW-18 and MW-19 Well Survey Data

Appendix G IDW Disposal Manifest

Appendix H November 2019 Site Walk Documentation and NYSDEC Letters

Appendix I Annual Institutional and Engineering Certification Forms

List of Tables

Table 1 - Groundwater Elevations and Monitoring Well Details
Table 2 - Groundwater Analytical Results Summary – Volatile Organic Compounds
Table 3 - Groundwater Analytical Results Summary – Semi–Volatile Organic Compounds
Table 4 - Groundwater Analytical Results Summary – Metals
Table 5 - Groundwater Analytical Results Summary – Polychlorinated Biphenyls
Table 6 - Groundwater Analytical Results Summary – Pesticides
Table 7 - Groundwater Analytical Results – Emerging Contaminants

List of Figures

Figure 1 - Site Location Map
Figure 2 - Site Features
Figure 3 - Shallow Groundwater Flow – August 2019
Figure 4 - VOC Concentrations in Groundwater – August 2019
Figure 5 - SVOC Concentrations in Groundwater – August 2019
Figure 6 – Emerging Contaminants in Groundwater – May 2018 and August 2019

1.0 Introduction

This report has been prepared by AECOM Technical Services Northeast, Inc. (AECOM) for the 34 Freeman's Bridge Road Site (the "Site"), Site Number 447028, located at 34 Freeman's Bridge Road, Town of Glenville, Schenectady County, New York (**Figure 1**). This work is being performed under Work Assignment No. D007626-12 of the Superfund Standby Contract between the New York State Department of Environmental Conservation (NYSDEC) and AECOM.

The purpose of this report is to present the data collected during the August 2019 groundwater sampling event and any conclusions or suggestions drawn from the results. The annual sampling schedule presented in the approved Site Management Plan (SMP; AECOM, July 2008) was amended, at the request of the NYSDEC, to sampling every fifth quarter.

1.1 Site Description and History

The Site is located in a commercial and light industrial area in the southeastern part of the Town of Glenville, northeast of the Village of Scotia. The Site is on the northeast side of Freeman's Bridge Road approximately 1,000 feet northwest of Freeman's Bridge (**Figure 2**). The Site was purchased by the P & J Glenville Corporation in December 2013.

The Site occupies approximately 13 acres, as delineated by the estimated limits of impacted fill on the property and adjacent properties during the remedial investigation/feasibility study (RI/FS). The Site is bordered to the east by the Delaware and Hudson Railroad, and Niagara Mohawk (National Grid) power line right-of-ways; to the north by Warner Creek (Class A); to the west by private properties and Freeman's Bridge Road; and to the south by a private property. The Site is generally flat, with a rise in the grade approaching the railroad and power line right-of-ways to the east and a swale centrally located that extends to Warner Creek to the north. The Mohawk River is approximately 300 feet south of the Site.

The Site was owned and operated by the Kitchton Cooperage Company as a drum recycling facility from the late 1950s to 1972. A 12-acre parcel, as shown in a Town of Glenville Tax Map (Tax ID No. 30.19-01-26.1), was purchased in 1978 by Lyon's. In addition to operating a commercial used furniture business, Lyon's operations also included storing drummed waste on the Site and receiving large quantities of fill and construction and demolition (C&D) debris that were spread across an 11-acre area south of Warner Creek. Drum recycling operations by the Kitchton Cooperage Company, and more recent drum storage and unregulated fill operations conducted by Lyon's, released contaminants that impacted the soils and groundwater on the Site to various degrees, in particular the southwest corner, with polychlorinated biphenyls (PCBs).

A RI/FS was conducted by AECOM from 2000 through 2004. A remediation strategy consisting of excavation and treatment of on-site soil via low temperature thermal technologies and the collection and treatment of contaminated groundwater was recommended in the NYSDEC Record of Decision (ROD) issued on March 31, 2004. Construction of the preferred remediation alternative began in November 2006 and was completed in October 2007. In addition to treating over 75,000 tons of hazardous and non-hazardous soils, over 9 million gallons of groundwater from the Site operations were treated by the on-site wastewater treatment plant and discharged into Warner's Creek in accordance with the NYSDEC-approved Site Dewatering Plan.

The SMP prepared by AECOM summarizes the engineering and institutional controls for the Site, as well as outlining the future monitoring plan. The monitoring scope included quarterly groundwater sampling for the first two years of the plan, followed by annual sampling thereafter, but was amended to sampling every fifth quarter after the initial two years.

The September 2010 sampling event concluded the quarterly monitoring phase of the SMP and monitoring every fifth quarter was initiated during the January 2012 groundwater sampling event. The Site was sampled in May 2013, June 2014, November 2015, February 2017, May 2018 and August 2019. The 34 Freeman's Bridge Road Site will be monitored every fifth quarter until review of the data indicates a change in the monitoring schedule or analyte list is warranted.

2.0 Groundwater Sampling and Analysis

AECOM was on-site to collect depth-to-groundwater measurements and sample the on-site and off-site monitoring wells on August 27 through 29, 2019. However, MW-12 was found to be damaged and could not be sampled.

2.1 Methodology

Depth-to-groundwater measurements were collected and recorded on August 27, 2019, prior to purging and sampling of the monitoring wells. An oil/water interface probe was utilized during the collection of depth-to-groundwater measurements to check for the presence of non-aqueous phase liquid (NAPL) in the wells. The oil/water interface probe was decontaminated with a Liquinox® and spring water spray and rinsed with distilled water between each use.

Prior to sampling, each monitoring well was purged of three water column volumes or until dry with a submersible pump (e.g., Whale Pump) with dedicated, polyethylene tubing, a peristaltic pump with dedicated silicone and high density polyethylene tubing (HDPE), or a dedicated polyethylene bailer. Purge water was disposed on the ground in the immediate vicinity of each well in accordance with the SMP. The pumps were decontaminated in a Liquinox® and spring water bath followed by a distilled water bath after purging/sampling each monitoring well.

Field parameters, including temperature, specific conductivity, conductivity, pH, turbidity, dissolved oxygen (DO), and oxidation-reduction potential (ORP) of the groundwater were measured utilizing a water quality meter (e.g., YSI-556 series) and a turbidity meter (e.g., LaMotte 2020) and recorded on the monitoring well purging/sampling forms (**Appendix A**). Both water quality meters were calibrated every day of the sampling event. A total of four sets of parameters were measured and recorded; one for the initial discharge removed from the well and one for each of the subsequent three water column volumes removed prior to sampling.

All site management groundwater samples were collected in laboratory-supplied bottles, packed on ice, and submitted with completed chains-of-custody (COC) to the TestAmerica processing center in Albany, New York. From the processing center, the samples were couriered to the TestAmerica laboratory in Amherst, New York for analysis of volatile organic compounds (VOCs) via Environmental Protection Agency (EPA) Method 8260C, semi-volatile organic compounds (SVOCs) by 8270D (8270D SIM for 1,4 Dioxane), metals by 6010C and 7470A, cyanide by 9012B, PCBs by 8082A, per- and poly- fluorinated alkyl substances (PFAS) by 537 and pesticides by 8081B.

3.0 Monitoring Results

The following section presents the results of the August 2019 groundwater sampling event at the Site and any site maintenance conducted since the last groundwater sampling event (November 2015). Due to the damaged surface casing and riser at MW-12, a groundwater sample could not be collected from this well during the August 2019 groundwater sampling event.

3.1 Groundwater Monitoring

The depth-to-groundwater measurements were used to calculate the groundwater elevation in each well (**Table 1**). These water level elevations were then used to develop a groundwater contour map for the shallow portion of the aquifer (**Figure 3**). The overall direction of groundwater flow is to the East, toward the Mohawk River. The groundwater gradient varies across the site between 0.004 ft/ft and 0.013 ft/ft, with an average of approximately 0.007 ft/ft across the middle of the site.

Light non-aqueous phase liquid (LNAPL) was not detected in any of the wells monitored during the August 2019 sampling event.

3.2 Groundwater Analytical Results

Tables 2 - 7 present the groundwater analytical results for VOCs, SVOCs, metals, PCBs, pesticides, and emerging contaminants respectively for the 19 monitoring wells sampled during the August 2019 event. Data tables for all groundwater analysis performed at the Site from 2008 through 2015 are presented in **Appendix B** and were utilized in the following discussion. The groundwater results were evaluated based on comparison against NYS Ambient Water Quality Standards (AWQS) and Guidance Values (GV), collectively known as Standards, Criteria and Guidance (SCGs) and compared to the previous post-remediation sampling events.

Graphs showing VOC and SVOC trends over time for selected wells are presented in **Appendix C** and were utilized for the discussion below. Full laboratory analytical results are presented in **Appendix D.**

3.2.1 Volatile Organic Compounds

Figure 4 summarizes the detected contaminant concentrations for each of the Site wells in 2019.

The results of the VOC analysis are presented in **Table 2**. During the August 2019 sampling event, VOCs were detected at concentrations greater than laboratory method detection limits (MDLs) in fifteen monitoring wells. The list of VOCs detected in the August 2019 sampling event include acetone, benzene, carbon disulfide, cis-1,2-dichloroethylene (cis-1,2-DCE), m&p xylenes, methyl ethyl ketone (MEK or 2-butanone), methylene chloride, methyl tert-butyl ether (MTBE), tetrachloroethylene (PCE), trichloroethylene (TCE), toluene, and vinyl chloride.

Vinyl chloride was detected at concentrations exceeding the SCG (2 micrograms per liter [µg/L]) in one groundwater monitoring well (MW-31) with a reported concentration of 7.3 µg/L.

Cis-1,2-DCE was detected in six wells (MW-11, MW-15, MW-16D, MW-19, MW-19D, and MW-31), and detected at levels greater than the SCG (5 µg/L) in three wells (MW-11, MW-19D, and MW-31). The maximum concentration of cis-1,2-DCE was 16 µg/L in MW-19D. Groundwater samples collected from MW-19D, located downgradient and off-site to the southwest, consistently report cis-1,2-DCE concentrations greater than the standard.

MTBE was detected in MW-16D and MW-19D at concentrations ranging from 0.62 J µg/L to 1.0 µg/L (SCG is 10 µg/L).

In addition to containing cis-1,2-DCE above the SCG at a concentration of 10 µg/L, MW-11 also contained 0.5 J µg/L of PCE and 0.76 J µg/L of TCE.

Shallow monitoring well MW-20 exhibited high concentrations of acetone (570 µg/L), carbon disulfide (6.0 J µg/L), toluene (9.7 J µg/L), and methyl ethyl ketone (130 µg/L) during the August 2019 groundwater sampling event. The elevated concentrations of acetone and methyl ethyl ketone are slightly less than in recent sampling events. Carbon disulfide has been detected at a concentration greater than the MDL during six of the last seven sampling events. MW-20 is located along the western Site boundary, adjacent to the veterinary clinic property. The well has exhibited a strong urine-like odor and yellow coloration in recent sampling events. In addition, the pH in the well's water is elevated (i.e., basic conditions) as compared to the site average which is neutral (generally between 7 and 9). Ammonia levels analyzed historically in MW-20 were approximately 40,500 µg/L, which is indicative of groundwater affected by septic wastes or by excessive fertilizer application. The veterinary clinic is located upgradient from this well; leachate from animal wastes is a likely source. Normal levels of ammonia in groundwater/surface water typically range between 100 to 1,000 µg/L. The veterinary clinic's plumbing is connected to the town of Glenville's sewer system; however, the maintenance practices of the kennels which are located behind the clinic are unknown at this time.

The sample collected from MW-30 contained two compounds (methylene chloride and m&p-xylenes) during the August 2019 sampling event; neither of which was detected above the SCGs. In previous events, this sample has included as many as seven compounds above the SCGs, including ethylbenzene, toluene, m&p-xylenes, o-xylene, and isopropylbenzene. the compounds that have been detected in this well since the first quarterly sampling event in March 2008 have since showed a general downward trend.

MW-30 is located in a section of the former excavation that exhibited some evidence of NAPL during remediation. An oily residue has been observed in this well in previous sampling events; however, no measurable LNAPL was detected with an oil/water interface probe during this event.

Vinyl chloride (7.3 µg/L), cis-1,2-DCE (11 µg/L), and benzene (2.5 J µg/L) were detected in MW-31 at concentrations greater than the SCGs.

3.2.2 Semi-Volatile Organic Compounds

Figure 5 summarizes the detected contaminant concentrations for each of the Site wells during the August 2019 groundwater sampling event.

SVOCs were detected at concentrations greater than MDLs in six of the 19 wells sampled during this event (**Table 3**). Overall, SVOC detections peaked in January 2012, May 2013, and June 2014 (**Appendix B**). SVOC concentrations detected during the August 2019 groundwater monitoring event have generally decreased since 2018. Only two of the six wells with SVOC detections (MW-18 and

MW-20) contained SVOCs in excess of SCGs. MW-18 contained 4-methylphenol at a concentration of 1.6 J µg/L, while MW-20 contained 4-methylphenol, phenol, and 2-methylphenol (reported to be 310 J µg/L, 1,500 µg/L, and 220 J µg/L, respectively).

3.2.3 Metals

Table 4 presents the results of metals analysis during the August 2019 sampling event. All monitoring well locations that were sampled contained metals detected at concentrations greater than the SCGs. Metals exceeding the SCGs include Chromium, Iron, Lead, Magnesium, Manganese, and Sodium.

3.2.4 PCBs

Table 5 presents the results of PCB analysis during the August 2019 sampling event. PCBs have not been detected in any of the wells since February 2017.

The September 2010 sampling event was the first time any PCB compounds were detected at concentrations greater than the MDLs and the SCG for total PCBs in any site monitoring well (MW-16; refer to **Appendix B**).

3.2.5 Pesticides

Table 6 presents the results of pesticides analysis for the August 2019 sampling event. ALPHA-BHC was detected at concentrations exceeding the SCG of 0.01 µg/L in wells MW-11, MW-15, MW-16, MW-20, MW-21, and MW-21D, with a range from 0.011 J to 0.38 J µg/L. Additionally, dieldrin was detected at a concentration exceeding the SCG in MW-15 (0.011 J µg/L), and DELTA-BHC exceeded the SCG in MW-32 with 0.042 JB µg/L. Pesticides appear to have peaked during the May 2013 and June 2014 sampling events and have generally decreased since that time.

3.2.6 Emerging Contaminants (PFAS)

Table 7 presents the results of the analysis of emerging contaminants samples collected in 2018 and 2019, including 1,4-dioxane and PFAS from select wells. **Figure 6** displays all emerging contaminants data collected in May 2018 and August 2019.

Results are compared to the maximum contaminant levels (MCLs) proposed by the New York State Department of Health (NYSDOH) in December 2018, where applicable. The laboratory report containing the August 2019 emerging contaminants data is provided as **Appendix D**.

Of the seven wells tested for 1,4-dioxane in August 2019, one well, MW-20, reported a concentration greater than the 1 µg/L proposed MCL, with 4.7 µg/L detected in the sample. MW-33 contained a trace concentration of the compound at 0.79 JH µg/L.

Of the seven wells sampled for PFAS in August 2019:

- MW-33 contained a total PFAS concentration of 23.2 nanograms per liter (ng/L), with nine PFAS compounds detected. Perfluorooctanoic acid [PFOA] was detected at a concentration of 2.3 J ng/L, while Perfluorooctanesulfonic acid [PFOS] was detected at 1.2 J ng/L.

- MW-15D contained one PFAS compound (Perfluorobutanoic acid [PFBA], at a concentration of 2.5 ng/L.

- MW-20 contained ten PFAS compounds for a total PFAS concentration of 101.65 ng/L. PFOA was detected at a concentration of 7.2 ng/L, while 5.8 ng/L of PFOS was detected.

- MW-30 contained a total PFAS concentration of 100.84 ng/L, with eleven PFAS compounds detected. PFOA was detected at a concentration of 13 ng/L, which exceeds the proposed MCL for the compound. PFOS was detected at a concentration of 20 ng/L, which also exceeds the proposed MCL.

- MW-16 contained twelve PFAS compounds for a total PFAS concentration of 157.9 ng/L. PFOA and PFOS concentrations both exceeded the proposed MCLs with concentrations of 30 ng/L and 61 ng/L, respectively.

- MW-11 contained a total PFAS concentration of 257.23 ng/L, with eleven PFAS compounds detected. PFOA was detected at a concentration of 11 ng/L, which exceeds the proposed MCL for the compound. PFOS was detected at a concentration of 200 ng/L, which also exceeds the proposed MCL.

- MW-11D contained three PFAS compounds with a total PFAS concentration of 7.56 ng/L. Neither PFOA nor PFOS were detected in the sample.

4.0 Site Maintenance and Inspection

Since the last groundwater sampling event in May 2018, several Site maintenance activities were completed as outlined below.

4.1 Groundwater Monitoring Well Replacement/Repairs

MW-18 and MW-19 were damaged and/or obstructed and could not be sampled during recent monitoring events. On October 18, 2018, AECOM and drilling subcontractor Cascade Technical Services replaced MW-18 and MW-19. Both wells were constructed with similar depths and screened intervals as the original wells. Well construction logs are included as **Appendix E**. The former MW-18 and MW-19 were decommissioned by removing the stick-up portion of the well, pulling the old well casing and filling the remaining void area with grout. Also during this mobilization, the old road boxes for MW-15 and MW-15D were removed and replaced with new 8" well boxes. On December 30, 2019, AECOM subcontractor MJ Engineering surveyed the replacement wells. Northing, Easting, and surface elevation of the well casings and measuring points were recorded for each well. The survey data is provided in **Appendix F**. Investigation-derived waste (IDW) from the well replacement event was removed from the Site on November 20, 2019 by Precision Industrial Maintenance, a certified waste hauler, and disposed of in accordance with local rules and regulations. The non-hazardous waste manifest is provided in **Appendix G**.

4.2 November 2019 Site Walk

During late 2019, National Grid determined that filling operations were being conducted by the property owner on the Site, and debris was found to be accumulating on-site and within the adjacent National Grid right-of way. These filling operations were conducted over an unknown period of time, were likely the reason MW-12 could not be sampled in August 2019. On November 5, 2019, representatives from AECOM, the NYSDEC, the property owner, National Grid, the Town of Glenville and the City of Schenectady attended a site walk in order to discuss the filling operations and determine what changes had been made to the Site. Site walk notes and photographs are provided in **Appendix H**. During the site walk it was determined that the filling operations were not conducted in accordance with the SMP for the Site, and therefore the NYSDEC issued a Notice of Violation (NOV) to the property owner on November 15, 2019. The NOV required the property owner to perform a topographical survey of disturbed areas and monitoring wells, provide a work plan to repair/replace five damaged monitoring wells, and remove all imported fill and debris from the National Grid utility right-of-way and confirm required clearance. Some filled areas appeared to have increased in elevation by as much as four feet. The NOV is provided in **Appendix H**. The property owner responded to the NOV and the NYSDEC replied with another letter dated January 21, 2020 with follow-up actions. This letter is also provided in **Appendix H**.

4.3 December 2019 IC/EC Inspection

This report also serves as the certification report to certify that the institutional controls and/or engineering controls (IC/ECs) employed, as stated in the SMP, are in place and effective; performing as designed; and that the ability of the controls to protect the public health and environment have not been impaired; or constitute a violation or failure to comply with any maintenance plan for such controls.

Appendix I presents the results of the IC/EC inspection as performed during December 2019. Other than removal of fill and debris from the National Grid right-of-way, it did not appear that the property owner had performed any of the other actions required by the NYSDEC NOV. Inspections of the site engineering controls (e.g., fences, signage) indicate that everything is in proper condition at the Site. All signs and fencing are intact.

As indicated in the November 5, 2019 site walk documentation and NOV (**Appendix H**), wells MW-12, MW-21, MW-21D, MW-30, and MW-32 were noted to be most likely impacted based on the exterior condition of the wells and their surroundings; the property owner was tasked with investigating this and repairing/replacing these wells. .As noted above, MW-12 could not be sampled during the 2019 sampling event due to damage to the surface casing and riser. Other than the monitoring well damage, there did not appear to be other significant changes or items to impair the IC/ECs at the Site.

A deed restriction in the form of an environmental notice was filed with Schenectady County on December 3, 2013. The environmental notice is included with the IC/EC Certification Forms in **Appendix I**. These deed restrictions include the property being prohibited from being used for purposes other than commercial and/or industrial use, restrict the services associated with such use, and prohibit the use of groundwater underlying the Site until deemed acceptable by the NYSDEC.

5.0 Summary and Recommendations

5.1 Summary

After the completion of the quarterly groundwater sampling events as outlined in the SMP and the seventh five-quarter sampling event, all nineteen monitoring wells continue to exceed the SCGs for VOCs, SVOCs, Metals and/or pesticides, as presented in the following table; however, when metals exceedances are eliminated, eleven monitoring wells exceed the SCGs.

Monitoring Wells with AWQS/GV Exceedances (August 2019)	
MW-11	Cis-1,2-DCE, Iron, Magnesium, Manganese, Sodium, ALPHA-BHC
MW-11D	Iron, Sodium
MW-12	Not Sampled
MW-15	Chromium, Iron, Lead, Magnesium, Manganese, Sodium, ALPHA-BHC, Dieldrin
MW-15D	Iron, Sodium,
MW-16	Iron, Magnesium, Manganese, Sodium, ALPHA-BHC
MW-16D	Iron, Manganese, Sodium
MW-18	4-Methylphenol, Iron, Magnesium, Manganese, Sodium
MW-19	Iron, Manganese
MW-19D	Cis-1,2-DCE, Iron, Manganese, Sodium
MW-20	Acetone, MEK, Toluene, 4-Methylphenol, Phenol, 2-Methylphenol, Sodium, ALPHA-BHC
MW-20D	Iron, Sodium
MW-21	Iron, Manganese, Sodium, ALPHA-BHC
MW-21D	Iron, Sodium, ALPHA-BHC
MW-23	Iron, Lead, Manganese
MW-23D	Iron, Sodium
MW-30	Iron, Magnesium, Manganese
MW-31	Cis-1,2-DCE, Benzene, Vinyl Chloride, Iron, Magnesium, Manganese, Sodium
MW-32	Iron, Manganese, DELTA-BHC
MW-33	Methylene Chloride, Iron, Sodium

The following summaries can be made from the groundwater data:

- The Site has exhibited an overall decreasing trend in groundwater contamination over the last ten years (December 2009 through August 2019). **Appendix C** presents graphs showing VOC and SVOC trends for several of the on and off-site monitoring wells (MW-11, MW-15, MW-16D, MW-19D, MW-20, MW-23, MW-30, and MW-31).

- Cis-1,2-DCE was detected at a concentration greater than the SCG in three wells (MW-11,MW-19D, and MW-31) sampled during the August 2019 sampling event, and vinyl chloride was detected at a concentration greater than the SCG in one well (MW-31).
- The results of the August 2019 event report that MW-20, which is located outside of the previously excavated area limits, had the highest concentration of total VOCs and SVOCs reported in any of the sampled wells. The total SVOC concentrations increased slightly from the previous event, while VOC concentrations decreased. Given its location and analytical results, MW-20 appears to be influenced by the upgradient veterinary clinic.
- MW-30, which is also located outside of the previously excavated area limits, contained fewer and lower levels of VOCs than during recent events.
- Slight exceedances of one or more pesticide compounds were detected in seven of the wells in August 2019.
- Emerging contaminant concentrations in August 2019 were generally consistent with those found in the same seven wells in May 2018.

5.2 Recommendations

Groundwater monitoring should continue on a five-quarter basis, as required by the SMP. The next sampling event for the Freeman's Bridge Road Site is recommended for fall 2020. No modifications in the sampling plan are recommended.

Five wells require repairs or replacement as a result of property owner filling operations: MW-12, MW-21, MW-21D, MW-30, and MW-32.

Tables

Table 1
Groundwater Elevations and Monitoring Well Details
34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028
August 27, 2019

Monitoring Well Identification	Total Depth	Ground Elevation	Casing Elevation	MP Elevation (ft amsl)	Depth-to-Groundwater (ft below MP)	Groundwater Elevation (ft amsl)
MW-11	**19.52**	228.57	231.42	231.23	13.71	217.52
MW-11D	**52.40**	228.61	231.26	231.20	11.82	219.38
MW-12	**17.31**	228.50	231.06	230.68	11.95	218.73
MW-15	**13.40**	FLUSH	224.47	224.14	3.79	220.35
MW-15D	**21.94**	FLUSH	224.49	224.35	3.82	220.53
MW-16	**13.51**	226.09	228.68	228.41	9.99	218.42
MW-16D	**28.85**	225.81	227.67	227.49	9.03	218.46
MW-18	**15.31**	227.29	230.95	230.75	9.68	221.07
MW-19	**10.13**	224.77	228.15	227.89	7.09	220.80
MW-19D	**22.44**	224.89	226.14	226.01	5.80	220.21
MW-20	**12.55**	224.80	226.99	226.89	6.51	220.38
MW-20D	**32.19**	224.72	227.16	227.13	6.25	220.88
MW-21	**18.38**	224.52	227.51	227.46	7.77	219.69
MW-21D	**49.51**	224.71	229.56	229.05	9.95	219.10
MW-23	**16.27**	221.99	224.93	224.86	5.68	219.18
MW-23D	**55.61**	222.36	224.46	224.32	4.66	219.66
MW-30	**16.78**	223.57	226.26	226.19	6.51	219.68
MW-31	**17.02**	223.18	225.55	225.43	6.31	219.12
MW-32	**23.36**	224.92	227.83	227.32	8.34	218.98
MW-33	**13.85**	224.18	227.37	226.99	8.00	218.99

Notes:
MP - measuring point
ft - feet
amsl - above mean sea level

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Table 2
Groundwater Analytical Results Summary
Volatile Organic Compounds
34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028

Sample ID			MW-11		MW-11		MW-11		MW-11D		MW-11D		MW-11D		MW-12		MW-12		MW-12		MW-15		MW-15		MW-15	
Sampling Date			**2/14/17**		**5/22/18**		**8/27/19**		**2/14/17**		**5/22/18**		**8/27/19**		**2/15/17**		**5/25/18**		**8/27/19**		**2/13/17**		**5/22/18**		**8/29/19**	
Volatiles	CAS #	AWQS/GV Values																								
ACETONE	67-64-1	50(GV)	10	U	5	U	10	U	**3**	**J**	5	U	10	U	10	U	**3**	**J**	NA		10	U	5	U	20	U
BENZENE	71-43-2	1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	NA		1	U	1	U	2	U
CARBON DISULFIDE	75-15-0	60(GV)	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	NA		1	U	**0.24**	**J**	2	U
CHLOROBENZENE	108-90-7	5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	NA		1	U	1	U	2	U
CHLOROETHANE	75-00-3	5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	NA		1	U	1	U	2	U
CHLOROMETHANE	74-87-3	NS	1	U	1	U	1	U	1	U,F1	1	U	1	U	1	U	1	U	NA		1	U	1	U	2	U
CIS-1,2-DICHLOROETHYLENE	156-59-2	5	**0.81**	**J**	**1.3**		**10**		1	U	1	U	1	U	1	U	1	U	NA		**2.4**		**2.4**		**2.6**	
ETHYLBENZENE	100-41-4	5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	NA		1	U	1	U	2	U
ISOPROPYLBENZENE	98-82-8	5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	NA		1	U	1	U	2	U
METHYLCYCLOHEXANE	108-87-2	NS	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	NA		1	U	1	U	2	U
METHYLENE CHLORIDE	75-09-2	5	1	U	1	U	1	U	1	U	1	U	**0.57**	**J**	1	U	**0.24**	**JB**	NA		1	U	1	U	2	U
METHYL ETHYL KETONE	78-93-3	50(GV)	10	U	5	U*	10	U	10	U	5	U*	10	U	10	U	5	U*	NA		10	U	5	U*	20	U
METHYL TERT-BUTYL ETHER	1634-04-4	10(GV)	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	NA		1	U	1	U	2	U
TETRACHLOROETHYLENE (PCE)	127-18-4	5	**0.39**	**J**	1	U	**0.5**	**J**	1	U	1	U	1	U	1	U	**0.31**	**J**	NA		1	U	1	U	2	U
TOLUENE	108-88-3	5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	NA		1	U	1	U	2	U
TRICHLOROETHYLENE (TCE)	79-01-6	5	**0.55**	**J**	**0.54**	**J**	**0.76**	**J**	1	U	1	U	1	U	1	U	1	U	NA		1	U	1	U	2	U
VINYL CHLORIDE	75-01-4	2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	NA		**4.6**		1	U	2	U
M,P-XYLENES	179601-23-1	5	2	U	1	U	2	U	2	U	1	U	2	U	2	U	1	U	NA		2	U	1	U	4	U
O-XYLENE	95-47-6	5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	NA		1	U	1	U	2	U
Total VOCs			**1.75**		**1.84**		**11.26**		**3.0**		ND		**0.57**		ND		**3.55**		NA		**7.00**		**2.64**		**2.6**	

Notes:

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[1] The MW-16 sample also contained Dichlorodifluoromethane (0.25 J µg/L [5]) on 05/24/18.

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F1 - Matrix Spike (MS) and/or Matrix Spike Duplicate (MSD) Recovery is outside acceptance limits.

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Table 2
Groundwater Analytical Results Summary
Volatile Organic Compounds
34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028

Sample ID			MW-15D		MW-15D		MW-15D		MW-16		MW-16[1]		MW-16		MW-16D		MW-16D		MW-16D		MW-18		MW-18		MW-18	
Sampling Date			**2/13/17**		**5/24/18**		**8/27/19**		**2/14/17**		**5/24/18**		**8/27/19**		**2/14/17**		**5/22/18**		**8/28/19**		**2/14/17**		**5/24/18**		**8/29/19**	
Volatiles	CAS #	AWQS/GV Values																								
ACETONE	67-64-1	50(GV)	10	U	**2.5**	**J**	10	U	**5.8**	**J**	**8.1**		40	U	**3.8**	**J**	5	U	10	U	10	U	**1.9**	**J**	**3.0**	**J**
BENZENE	71-43-2	1	1	U	1	U	1	U	1	U	1	U	4	U	1	U	1	U	1	U	1	U	1	U	1	U
CARBON DISULFIDE	75-15-0	60(GV)	1	U	1	U	1	U	1	U	1	U	4	U	1	U	1	U	1	U	1	U	1	U	1	U
CHLOROBENZENE	108-90-7	5	1	U	1	U	1	U	1	U	1	U,F1	4	U	1	U	1	U	1	U	1	U	1	U	1	U
CHLOROETHANE	75-00-3	5	1	U	1	U	1	U	1	U	1	U	4	U	1	U	1	U	1	U	1	U	1	U	1	U
CHLOROMETHANE	74-87-3	NS	1	U	1	U	1	U	1	U	1	U	4	U	1	U	1	U	1	U	1	U	1	U	1	U
CIS-1,2-DICHLOROETHYLENE	156-59-2	5	1	U	1	U	1	U	1	U	1	U,F1	4	U	**6.8**		**5.7**		**5.0**		1	U	1	U	1	U
ETHYLBENZENE	100-41-4	5	1	U	1	U	1	U	1	U	1	U,F1	4	U	1	U	1	U	1	U	1	U	1	U	1	U
ISOPROPYLBENZENE	98-82-8	5	1	U	1	U	1	U	1	U	1	U,F1	4	U	1	U	1	U	1	U	1	U	1	U	1	U
METHYLCYCLOHEXANE	108-87-2	NS	1	U	1	U	1	U	1	U	1	U	4	U	1	U	1	U	1	U	1	U	1	U	1	U
METHYLENE CHLORIDE	75-09-2	5	1	U	**0.25**	**JB**	**0.54**	**J**	1	U	**0.27**	**JB**	**2.2**	**J**	1	U	1	U	1	U	1	U	**0.27**	**JB**	1	U
METHYL ETHYL KETONE	78-93-3	50(GV)	10	U	5	U*	10	U	10	U	5	U*	40	U	10	U	5	U*	10	U	10	U	5	U*	**2.5**	**J**
METHYL TERT-BUTYL ETHER	1634-04-4	10(GV)	1	U	1	U	1	U	1	U	1	U,F1	4	U	**1.7**		**1.3**		**1.0**		1	U	1	U	1	U
TETRACHLOROETHYLENE (PCE)	127-18-4	5	1	U	1	U	1	U	1	U	1	U,F1	4	U	1	U	1	U	1	U	**0.45**	**J**	**0.64**	**J**	1	U
TOLUENE	108-88-3	5	1	U	1	U	1	U	1	U	1	U,F1	4	U	1	U	1	U	1	U	1	U	1	U	1	U
TRICHLOROETHYLENE (TCE)	79-01-6	5	1	U	1	U	1	U	1	U	1	U,F1	4	U	1	U	1	U	1	U	1	U	**0.34**	**J**	1	U
VINYL CHLORIDE	75-01-4	2	1	U	1	U	1	U	1	U	1	U	4	U	1	U	1	U	1	U	1	U	1	U	1	U
M,P-XYLENES	179601-23-1	5	2	U	1	U	2	U	2	U	1	U,F1	8	U	2	U	1	U	2	U	2	U	1	U	2	U
O-XYLENE	95-47-6	5	1	U	1	U	1	U	1	U	1	U,F1	4	U	1	U	1	U	1	U	1	U	1	U	1	U
Total VOCs			ND		**2.75**		**0.54**		**5.80**		**8.62**		**2.2**		**12.30**		**7.0**		**6.0**		**0.45**		**3.15**		**5.5**	

Notes:

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[1] The MW-16 sample also contained Dichlorodifluoromethane (0.25 J µg/L [5]) on 05/24/18.

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Table 2
Groundwater Analytical Results Summary
Volatile Organic Compounds
34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028

Sample ID			MW-19	MW-19	MW-19		MW-19D		MW-19D		MW-19D		MW-20		MW-20[2]		MW-20		MW-20D		MW-20D		MW-20D	
Sampling Date			2/13/17	5/22/18	8/29/19		2/13/17		5/22/18		8/29/19		2/15/17		5/24/18		8/28/19		2/15/17		5/25/18		8/28/19	
Volatiles	CAS #	AWQS/GV Values																						
ACETONE	67-64-1	50(GV)	NA	NA	10	U	10	U	5	U	10	U	**1,000**		**1,300**		**570**		10	U	**2.2**	**J**	10	U
BENZENE	71-43-2	1	NA	NA	1	U	1	U	1	U	1	U	**4.2**		**2.9**		10	U	1	U	1	U	1	U
CARBON DISULFIDE	75-15-0	60(GV)	NA	NA	1	U	1	U	1	U	1	U	**2.9**		**4.9**		**6.0**	**J**	1	U	1	U	**0.3**	**J**
CHLOROBENZENE	108-90-7	5	NA	NA	1	U	1	U	1	U	1	U	2	U	1	U	10	U	1	U	1	U	1	U
CHLOROETHANE	75-00-3	5	NA	NA	1	U	1	U	1	U	1	U	2	U	1	U	10	U	1	U	1	U	1	U
CHLOROMETHANE	74-87-3	NS	NA	NA	1	U	1	U	1	U	1	U	2	U	1	U	10	U	1	U	1	U	1	U
CIS-1,2-DICHLOROETHYLENE	156-59-2	5	NA	NA	**3.2**		**16**		**16**		**16**		2	U	1	U	10	U	1	U	1	U	1	U
ETHYLBENZENE	100-41-4	5	NA	NA	1	U	1	U	1	U	1	U	2	U	**0.94**	**J**	10	U	1	U	1	U	1	U
ISOPROPYLBENZENE	98-82-8	5	NA	NA	1	U	1	U	1	U	1	U	2	U	1	U	10	U	1	U	1	U	1	U
METHYLCYCLOHEXANE	108-87-2	NS	NA	NA	1	U	1	U	1	U	1	U	2	U	1	U	10	U	1	U	1	U	1	U
METHYLENE CHLORIDE	75-09-2	5	NA	NA	1	U	1	U	1	U	1	U	2	U	**0.24**	**JB**	10	U	1	U	**0.24**	**JB**	1	U
METHYL ETHYL KETONE	78-93-3	50(GV)	NA	NA	10	U	10	U	5	U*	10	U	**160**		**150**	*	**130**		10	U	5	U*	10	U
METHYL TERT-BUTYL ETHER	1634-04-4	10(GV)	NA	NA	1	U	**1.5**		**0.87**	**J**	**0.62**	**J**	2	U	1	U	10	U	1	U	1	U	1	U
TETRACHLOROETHYLENE (PCE)	127-18-4	5	NA	NA	**0.95**	**J**	1	U	1	U	1	U	2	U	1	U	10	U	1	U	1	U	1	U
TOLUENE	108-88-3	5	NA	NA	1	U	1	U	1	U	1	U	**2.6**		**5**		**9.7**	**J**	1	U	1	U	1	U
TRICHLOROETHYLENE (TCE)	79-01-6	5	NA	NA	**1.6**		1	U	1	U	1	U	2	U	1	U	10	U	1	U	1	U	1	U
VINYL CHLORIDE	75-01-4	2	NA	NA	1	U	1	U	1	U	1	U	2	U	1	U	10	U	1	U	1	U	1	U
M,P-XYLENES	179601-23-1	5	NA	NA	2	U	2	U	1	U	2	U	4	U	1	U	20	U	2	U	1	U	2	U
O-XYLENE	95-47-6	5	NA	NA	1	U	1	U	1	U	1	U	2	U	1	U	10	U	1	U	1	U	1	U
Total VOCs			NA	NA	**5.75**		**17.50**		**16.87**		**16.62**		**1,170**		**1,467**		**715.7**		ND		**2.44**		**0.3**	

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[1] The MW-16 sample also contained Dichlorodifluoromethane (0.25 J µg/L [5]) on 05/24/18.

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Volatile Organic Compounds
34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028

Sample ID			MW-21		MW-21		MW-21		MW-21D		MW-21D		MW-21D		MW-23		MW-23		MW-23		MW-23D		MW-23D		MW-23D	
Sampling Date			**2/16/17**		**5/23/18**		**8/28/19**		**2/16/17**		**5/23/18**		**8/28/19**		**2/14/17**		**5/23/18**		**8/28/19**		**2/14/17**		**5/23/18**		**8/28/19**	
Volatiles	CAS #	AWQS/GV Values																								
ACETONE	67-64-1	50(GV)	10	U	5	U	10	U	10	U	5	U	10	U	10	U	5	U	10	U	10	U	5	U	10	U
BENZENE	71-43-2	1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CARBON DISULFIDE	75-15-0	60(GV)	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CHLOROBENZENE	108-90-7	5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CHLOROETHANE	75-00-3	5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CHLOROMETHANE	74-87-3	NS	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CIS-1,2-DICHLOROETHYLENE	156-59-2	5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
ETHYLBENZENE	100-41-4	5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
ISOPROPYLBENZENE	98-82-8	5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
METHYLCYCLOHEXANE	108-87-2	NS	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
METHYLENE CHLORIDE	75-09-2	5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
METHYL ETHYL KETONE	78-93-3	50(GV)	10	U	5	U*	10	U	10	U	5	U*	10	U	10	U	5	U*	10	U	10	U	5	U*	10	U
METHYL TERT-BUTYL ETHER	1634-04-4	10(GV)	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
TETRACHLOROETHYLENE (PCE)	127-18-4	5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
TOLUENE	108-88-3	5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
TRICHLOROETHYLENE (TCE)	79-01-6	5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
VINYL CHLORIDE	75-01-4	2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
M,P-XYLENES	179601-23-1	5	2	U	1	U	2	U	2	U	1	U	2	U	2	U	1	U	2	U	2	U	1	U	2	U
O-XYLENE	95-47-6	5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Total VOCs			ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	

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Groundwater Analytical Results Summary
Volatile Organic Compounds
34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028

Sample ID			MW-30		MW-30		MW-30		MW-31		MW-31		MW-31		MW-32		MW-32		MW-32		MW-33		MW-33		MW-33	
Sampling Date			**2/16/17**		**5/24/18**		**8/27/19**		**2/15/17**		**5/25/18**		**8/28/19**		**2/15/17**		**5/23/18**		**8/29/19**		**2/15/17**		**5/24/18**		**8/27/19**	
Volatiles	CAS #	AWQS/GV Values																								
ACETONE	67-64-1	50(GV)	10	U	**4.3**	**J**	10	U	10	U	**3**	**J**	40	U	10	U	5	U	50	U	40	U	**6.8**		40	U
BENZENE	71-43-2	1	1	U	1	U	1	U	**2.3**		**1.9**		**2.5**	**J**	1	U	**0.48**	**J**	5	U	4	U	**0.29**	**J**	4	U
CARBON DISULFIDE	75-15-0	60(GV)	1	U	1	U	1	U	1	U	1	U	4	U	1	U	1	U	5	U	4	U	1	U	4	U
CHLOROBENZENE	108-90-7	5	1	U	1	U	1	U	1	U	1	U	4	U	**0.96**	**J**	1	U	5	U	4	U	1	U	4	U
CHLOROETHANE	75-00-3	5	1	U	1	U	1	U	1	U	1	U	4	U	1	U	1	U	5	U	4	U	1	U	4	U
CHLOROMETHANE	74-87-3	NS	1	U	1	U	1	U	1	U	1	U	4	U	1	U	1	U	5	U	4	U	1	U	4	U
CIS-1,2-DICHLOROETHYLENE	156-59-2	5	1	U	1	U	1	U	**9**		**7.5**		**11**		1	U	1	U	5	U	4	U	1	U	4	U
ETHYLBENZENE	100-41-4	5	**10**		**2.1**		1	U	1	U	1	U	4	U	1	U	1	U	5	U	4	U	1	U	4	U
ISOPROPYLBENZENE	98-82-8	5	**1.3**		1	U	1	U	1	U	1	U	4	U	1	U	1	U	5	U	4	U	1	U	4	U
METHYLCYCLOHEXANE	108-87-2	NS	**0.29**	**J**	**0.91**	**J**	1	U	1	U	1	U	4	U	1	U	1	U	5	U	4	U	1	U	4	U
METHYLENE CHLORIDE	75-09-2	5	1	U	**0.25**	**JB**	**0.53**	**J**	1	U	**0.23**	**JB**	4	U	1	U	1	U	**2.8**	**J**	4	U	**0.24**	**JB**	**5.4**	
METHYL ETHYL KETONE	78-93-3	50(GV)	10	U	5	U*	10	U	10	U	5	U*	40	U	10	U	5	U*	50	U	40	U	5	U*	40	U
METHYL TERT-BUTYL ETHER	1634-04-4	10(GV)	1	U	1	U	1	U	**0.85**	**J**	**0.73**	**J**	4	U	1	U	1	U	5	U	4	U	1	U	4	U
TETRACHLOROETHYLENE (PCE)	127-18-4	5	1	U	1	U	1	U	1	U	1	U	4	U	1	U	1	U	5	U	4	U	1	U	4	U
TOLUENE	108-88-3	5	1	U	**0.31**	**J**	1	U	1	U	1	U	4	U	1	U	1	U	5	U	4	U	1	U	4	U
TRICHLOROETHYLENE (TCE)	79-01-6	5	1	U	1	U	1	U	1	U	1	U	4	U	1	U	1	U	5	U	4	U	1	U	4	U
VINYL CHLORIDE	75-01-4	2	1	U	**0.15**	**J**	1	U	**8.4**		**7.5**		**7.3**		1	U	1	U	5	U	4	U	1	U	4	U
M,P-XYLENES	179601-23-1	5	**3.5**		**5.9**		**0.78**	**J**	2	U	1	U	8	U	2	U	1	U	10	U	8	U	1	U	8	U
O-XYLENE	95-47-6	5	1	U	**0.91**	**J**	1	U	1	U	1	U	4	U	1	U	1	U	5	U	4	U	1	U	4	U
Total VOCs			**15.09**		**14.83**		**1.31**		**20.55**		**20.86**		**20.8**		**0.96**		**0.48**		**2.8**		ND		**7.33**		**5.4**	

Notes:

AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values

Units are micrograms per liter (µg/L)

NS - No Standard or Guidance Value

NA - Not Analyzed

U - Compound not detected at or above the instrument method detection limit (MDL).

ND - No compounds detected greater than the MDL

[1] The MW-16 sample also contained Dichlorodifluoromethane (0.25 J µg/L [5]) on 05/24/18.

[2] The MW-20 sample also contained 2-Hexanone (1.3 J µg/L [50(GV)]) and 4-Methyl-2-pentanone (1.5 J µg/L [NS]) on 05/24/18.

* - LCS or LCSD is outside acceptance limits.

B - For organic analyses: Compound was found in the blank and sample.

J - Result is less than the Reporting Limit (RL) but greater than or equal to the MDL and the concentration is an approximate value.

F1 - Matrix Spike (MS) and/or Matrix Spike Duplicate (MSD) Recovery is outside acceptance limits.

Detected concentrations and qualifiers shown in **bold** font. Shaded cell indicates exceedance of the AWQS/GV.

Table 3
Groundwater Analytical Results Summary
Semi-Volatile Organic Compounds
34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028

Sample ID			MW-11		MW-11		MW-11		MW-11D		MW-11D		MW-11D		MW-12		MW-12		MW-12		MW-15		MW-15		MW-15	
Sampling Date			**2/14/17**		**5/22/18**		**8/27/19**		**2/14/17**		**5/22/18**		**8/27/19**		**2/15/17**		**5/25/18**		**8/27/19**		**2/13/17**		**5/22/18**		**8/29/19**	
Semi-Volatiles	CAS #	AWQS/GV Values																								
4-NITROPHENOL	100-02-7	1	9.2	U	20	U	10	U	9.6	U	20	U	10	U	9.1	U	20	U	NA		500	U	20	U	500	U
BENZALDEHYDE	100-52-7	NS	4.6	U	10	U*	5	U	4.8	U	10	U*	5	U	4.6	U	10	U	NA		250	U	10	U*	250	U
CAPROLACTAM	105-60-2	NS	4.6	U	10	U	5	U	4.8	U	10	U	5	U	4.6	U	10	U	NA		250	U	10	U	250	U
2,4-DIMETHYLPHENOL	105-67-9	50(GV)	4.6	U	10	U	5	U	4.8	U	10	U	5	U	4.6	U	10	U	NA		250	U	10	U	250	U
4-METHYLPHENOL	106-44-5	1	9.2	U	10	U	5	U	9.6	U	10	U	5	U	9.1	U	10	U	NA		500	U	10	U	500	U
BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	5	4.6	U	10	U	5	U	4.8	U	10	U	5	U	4.6	U	10	U	NA		250	U	10	U	250	U
PHENOL	108-95-2	1	4.6	U	10	U	5	U	4.8	U	10	U	5	U	4.6	U	10	U	NA		250	U	10	U	250	U
BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	5	4.6	U	2	U	5	U	4.8	U	2	U	5	U	4.6	U	2	U	NA		250	U	**3.1**	**J**	250	U
DI-N-OCTYLPHTHALATE	117-84-0	50(GV)	4.6	U	10	U	5	U	4.8	U	10	U	5	U	4.6	U	10	U	NA		250	U	10	U	250	U
ANTHRACENE	120-12-7	50(GV)	4.6	U	10	U	5	U	4.8	U	10	U	5	U	4.6	U	10	U	NA		250	U	10	U	250	U
PYRENE	129-00-0	50(GV)	4.6	U	10	U	5	U	4.8	U	10	U	5	U	4.6	U	10	U	NA		250	U	10	U	250	U
DIBENZOFURAN	132-64-9	NS	9.2	U	10	U	10	U	9.6	U	10	U	10	U	9.1	U	10	U	NA		500	U	10	U	500	U
BENZO(G,H,I)PERYLENE	191-24-2	NS	4.6	U	10	U	5	U	4.8	U	10	U	5	U	4.6	U	10	U	NA		250	U	**7.0**	**J**	250	U
INDENO(1,2,3-C,D)PYRENE	193-39-5	0.002(GV)	4.6	U	2	U	5	U	4.8	U	2	U	5	U	4.6	U	2	U	NA		250	U	2	U	250	U
BENZO(B)FLUORANTHENE	205-99-2	0.002(GV)	4.6	U	2	U	5	U	4.8	U	2	U	5	U	4.6	U	2	U	NA		250	U	**1.5**	**J**	250	U
FLUORANTHENE	206-44-0	50(GV)	4.6	U	10	U	5	U	4.8	U	10	U	5	U	4.6	U	10	U	NA		250	U	**1.3**	**J**	250	U
BENZO(K)FLUORANTHENE	207-08-9	0.002(GV)	4.6	U	1	U	5	U	4.8	U	1	U	5	U	4.6	U	1	U	NA		250	U	1	U	250	U
ACENAPHTHYLENE	208-96-8	NS	4.6	U	10	U	5	U	4.8	U	10	U	5	U	4.6	U	10	U	NA		250	U	10	U	250	U
CHRYSENE	218-01-9	0.002(GV)	4.6	U	2	U	5	U	4.8	U	2	U	5	U	4.6	U	2	U	NA		250	U	**1.1**	**J**	250	U
BENZO(A)PYRENE	50-32-8	NS	4.6	U	1	U	5	U	4.8	U	1	U	5	U	4.6	U	1	U	NA		250	U	**0.82**	**J**	250	U
DIBENZ(A,H)ANTHRACENE	53-70-3	NS	4.6	U	1	U	5	U	4.8	U	1	U	5	U	4.6	U	1	U	NA		250	U	1	U	250	U
BENZO(A)ANTHRACENE	56-55-3	0.002(GV)	4.6	U	1	U	5	U	4.8	U	1	U	5	U	4.6	U	1	U	NA		250	U	1	U	250	U
ACENAPHTHENE	83-32-9	20	4.6	U	10	U	5	U	4.8	U	10	U	5	U	4.6	U	10	U	NA		250	U	10	U	250	U
DIETHYL PHTHALATE	84-66-2	50(GV)	**1.2**	**J**	10	U	5	U	4.8	U	10	U	5	U	**6.9**		10	U	NA		250	U	10	U	250	U
DI-N-BUTYL PHTHALATE	84-74-2	50(GV)	**0.55**	**JB**	10	U	5	U	**0.54**	**JB**	10	U	5	U	4.6	U	10	U	NA		250	U	10	U	250	U
PHENANTHRENE	85-01-8	50(GV)	4.6	U	10	U	5	U	4.8	U	10	U	5	U	4.6	U	10	U	NA		250	U	10	U	500	U
BUTYL BENZYL PHTHALATE	85-68-7	50(GV)	4.6	U	10	U	5	U	4.8	U	10	U	5	U	4.6	U	10	U	NA		250	U	10	U	250	U
FLUORENE	86-73-7	50(GV)	4.6	U	10	U	5	U	4.8	U	10	U	5	U	4.6	U	10	U	NA		250	U	10	U	250	U
CARBAZOLE	86-74-8	NS	4.6	U	10	U	5	U	4.8	U	10	U	5	U	4.6	U	10	U	NA		250	U	10	U	250	U
NAPHTHALENE	91-20-3	10(GV)	4.6	U	10	U	5	U	4.8	U	10	U	5	U	4.6	U	10	U	NA		250	U	10	U	250	U
2-METHYLPHENOL	95-48-7	1	4.6	U	10	U	5	U	4.8	U	10	U	5	U	4.6	U	10	U	NA		250	U	10	U	250	U
2-CHLOROPHENOL	95-57-8	1	4.6	U	10	U	5	U	4.8	U	10	U	5	U	4.6	U	10	U	NA		250	U	10	U	250	U
ACETOPHENONE	98-86-2	NS	4.6	U	10	U	5	U	4.8	U	10	U	5	U	4.6	U	10	U	NA		250	U	10	U	250	U
Total SVOCs			**1.75**		ND		ND		**0.54**		ND		ND		**6.9**		ND		NA		ND		**14.82**		ND	

Notes:

AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values

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NA - Not Analyzed

Detected concentrations and qualifiers shown in **bold** font.

Shaded cell indicates exceedance of the AWQS/GV.

B - For organic analyses - compound detected in laboratory method blank. For inorganic analyses - indicates trace concentration below reporting limit and equal to or above the detection limit.

U - Compound not detected at or above the instrument method detection limit (MDL).

ND - No compounds detected greater than MDL

J - Result is less than the Reporting Limit (RL) but greater than or equal to the MDL and the concentration is an approximate value.

* - LCS or LCSD exceeds the control limits

Table 3
Groundwater Analytical Results Summary
Semi-Volatile Organic Compounds
34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028

Sample ID			MW-15D		MW-15D		MW-15D		MW-16		MW-16		MW-16		MW-16D		MW-16D		MW-16D		MW-18		MW-18		MW-18	
Sampling Date			**2/13/17**		**5/24/18**		**8/27/19**		**2/14/17**		**5/24/18**		**8/27/19**		**2/14/17**		**5/22/18**		**8/28/19**		**2/14/17**		**5/24/18**		**8/29/19**	
Semi-Volatiles	CAS #	AWQS/GV Values																								
4-NITROPHENOL	100-02-7	1	110	U	20	U	100	U	9.8	U	20	U	10	U	9.8	U	20	U	10	U	9.9	U	20	U	10	U
BENZALDEHYDE	100-52-7	NS	56	U	10	U	50	U	**0.32**	**J**	10	U	5	U	4.9	U	10	U*	5	U	5	U	10	U	5	U
CAPROLACTAM	105-60-2	NS	56	U	10	U	50	U	4.9	U	10	U	5	U	4.9	U	10	U	5	U	5	U	10	U	5	U
2,4-DIMETHYLPHENOL	105-67-9	50(GV)	56	U	10	U	50	U	4.9	U	10	U	5	U	4.9	U	10	U	5	U	5	U	10	U	5	U
4-METHYLPHENOL	106-44-5	1	110	U	10	U	100	U	9.8	U	10	U	10	U	9.8	U	10	U	5	U	9.9	U	10	U	**1.6**	**J**
BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	5	56	U	10	U*	50	U	**1.0**	**J**	**2.1**	**J***	5	U	4.9	U	10	U	5	U	5	U	10	U*	5	U
PHENOL	108-95-2	1	56	U	10	U	50	U	4.9	U	10	U	5	U	4.9	U	10	U	5	U	5	U	10	U	5	U
BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	5	56	U	2	U	50	U	4.9	U	2	U	5	U	4.9	U	2	U	5	U	5	U	2	U	5	U
DI-N-OCTYLPHTHALATE	117-84-0	50(GV)	56	U	10	U	50	U	4.9	U	10	U	5	U	4.9	U	10	U	5	U	5	U	10	U	5	U
ANTHRACENE	120-12-7	50(GV)	56	U	10	U	50	U	4.9	U	10	U	5	U	4.9	U	10	U	5	U	5	U	10	U	5	U
PYRENE	129-00-0	50(GV)	56	U	10	U	50	U	4.9	U	10	U	5	U	4.9	U	10	U	5	U	5	U	10	U	5	U
DIBENZOFURAN	132-64-9	NS	110	U	10	U	100	U	9.8	U	10	U,F1	10	U	9.8	U	10	U	10	U	9.9	U	10	U	5	U
BENZO(G,H,I)PERYLENE	191-24-2	NS	56	U	10	U	50	U	4.9	U	10	U,F1	5	U	4.9	U	10	U	5	U	5	U	10	U	5	U
INDENO(1,2,3-C,D)PYRENE	193-39-5	0.002(GV)	56	U	2	U	50	U	4.9	U	2	U	5	U	4.9	U	2	U	5	U	5	U	2	U	5	U
BENZO(B)FLUORANTHENE	205-99-2	0.002(GV)	56	U	2	U	50	U	4.9	U	2	U	5	U	4.9	U	2	U	5	U	5	U	2	U	5	U
FLUORANTHENE	206-44-0	50(GV)	56	U	10	U	50	U	4.9	U	10	U	5	U	4.9	U	10	U	5	U	5	U	10	U	5	U
BENZO(K)FLUORANTHENE	207-08-9	0.002(GV)	56	U	1	U	50	U	4.9	U	1	U	5	U	4.9	U	1	U	5	U	5	U	1	U	5	U
ACENAPHTHYLENE	208-96-8	NS	56	U	10	U	50	U	4.9	U	10	U	5	U	4.9	U	10	U	5	U	5	U	10	U	5	U
CHRYSENE	218-01-9	0.002(GV)	56	U *	2	U	4	U *	4.9	U	2	U	5	U	4.9	U	2	U	5	U	5	U	2	U	5	U
BENZO(A)PYRENE	50-32-8	NS	56	U	1	U	50	U	4.9	U	1	U	5	U	4.9	U	1	U	5	U	5	U	1	U	5	U
DIBENZ(A,H)ANTHRACENE	53-70-3	NS	56	U	1	U	50	U	4.9	U	1	U	5	U	4.9	U	1	U	5	U	5	U	1	U	5	U
BENZO(A)ANTHRACENE	56-55-3	0.002(GV)	56	U *	1	U	4	U *	4.9	U	1	U	5	U	4.9	U	1	U	5	U	5	U	1	U	5	U
ACENAPHTHENE	83-32-9	20	56	U	10	U	50	U	4.9	U	10	U	5	U	4.9	U	10	U	5	U	5	U	10	U	5	U
DIETHYL PHTHALATE	84-66-2	50(GV)	**5.0**	**J**	10	U	50	U	**7.7**		10	U	5	U	4.9	U	10	U	5	U	5	U	10	U	5	U
DI-N-BUTYL PHTHALATE	84-74-2	50(GV)	**4.6**	**JB**	10	U	50	U	**0.6**	**JB**	10	U	5	U	**0.55**	**JB**	10	U	5	U	**0.56**	**JB**	10	U	5	U
PHENANTHRENE	85-01-8	50(GV)	56	U	10	U	50	U	4.9	U	10	U	5	U	4.9	U	10	U	5	U	5	U	10	U	5	U
BUTYL BENZYL PHTHALATE	85-68-7	50(GV)	56	U	10	U	50	U	4.9	U	10	U	5	U	4.9	U	10	U	5	U	5	U	10	U	5	U
FLUORENE	86-73-7	50(GV)	56	U	10	U	50	U	4.9	U	10	U	5	U	4.9	U	10	U	5	U	5	U	10	U	5	U
CARBAZOLE	86-74-8	NS	56	U	10	U	50	U	4.9	U	10	U	5	U	4.9	U	10	U	5	U	5	U	10	U	5	U
NAPHTHALENE	91-20-3	10(GV)	56	U	10	U	50	U	4.9	U	10	U	5	U	4.9	U	10	U	5	U	5	U	10	U	5	U
2-METHYLPHENOL	95-48-7	1	56	U	10	U	50	U	4.9	U	10	U	5	U	4.9	U	10	U	5	U	5	U	10	U	5	U
2-CHLOROPHENOL	95-57-8	1	56	U	10	U	50	U	4.9	U	10	U	5	U	4.9	U	10	U	5	U	5	U	10	U	5	U
ACETOPHENONE	98-86-2	NS	56	U	10	U	50	U	4.9	U	10	U	5	U	4.9	U	10	U	5	U	5	U	10	U	5	U
Total SVOCs			**9.6**		ND		ND		**9.62**		**2.1**		ND		**0.55**		ND		ND		**0.56**		ND		**1.6**	

Notes:

AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values

Units are micrograms per liter (µg/L)

NS - No Standard or Guidance Value

NA - Not Analyzed

Detected concentrations and qualifiers shown in **bold** font.

Shaded cell indicates exceedance of the AWQS/GV.

B - For organic analyses - compound detected in laboratory method blank. For inorganic analyses - indicates trace concentration below reporting limit and equal to or above the detection limit.

U - Compound not detected at or above the instrument method detection limit (MDL).

ND - No compounds detected greater than MDL

J - Result is less than the Reporting Limit (RL) but greater than or equal to the MDL and the concentration is an approximate value.

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Table 3
Groundwater Analytical Results Summary
Semi-Volatile Organic Compounds
34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028

Sample ID			MW-19	MW-19	MW-19	MW-19D	MW-19D	MW-19D	MW-20	MW-20	MW-20	MW-20D	MW-20D	MW-20D
Sampling Date			2/13/17	5/22/18	8/29/19	2/13/17	5/22/18	8/29/19	2/15/17	5/24/18	8/28/19	2/15/17	5/24/18	8/28/19
Semi-Volatiles	CAS #	AWQS/GV Values												
4-NITROPHENOL	100-02-7	1	NA	NA	10 U	9.9 U	20 U	10 U	220 U	200 U	1000 U	10 U	20 U	10 U
BENZALDEHYDE	100-52-7	NS	NA	NA	5 U	4.9 U	10 U*	5 U	110 U	100 U	500 U	5 U	10 U	5 U
CAPROLACTAM	105-60-2	NS	NA	NA	5 U	4.9 U	10 U	5 U	110 U	100 U	500 U	5 U	10 U	5 U
2,4-DIMETHYLPHENOL	105-67-9	50(GV)	NA	NA	5 U	4.9 U	10 U	5 U	110 U	100 U	500 U	5 U	10 U	5 U
4-METHYLPHENOL	106-44-5	1	NA	NA	10 U	9.9 U	10 U	10 U	**310**	**270**	**310 J**	10 U	10 U	10 U
BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	5	NA	NA	5 U	4.9 U	10 U	5 U	110 U	100 U*	500 U	5 U	10 U	5 U
PHENOL	108-95-2	1	NA	NA	5 U	4.9 U	10 U	5 U	**870**	**1400**	**1500**	5 U	10 U	5 U
BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	5	NA	NA	5 U	4.9 U	2 U	5 U	110 U	20 U	500 U	5 U	2 U	5 U
DI-N-OCTYLPHTHALATE	117-84-0	50(GV)	NA	NA	5 U	4.9 U	10 U	5 U	110 U	100 U	500 U	5 U	10 U	**0.59 J**
ANTHRACENE	120-12-7	50(GV)	NA	NA	5 U	4.9 U	10 U	5 U	110 U	100 U	500 U	5 U	10 U	5 U
PYRENE	129-00-0	50(GV)	NA	NA	5 U	4.9 U	10 U	5 U	110 U	100 U	500 U	5 U	10 U	5 U
DIBENZOFURAN	132-64-9	NS	NA	NA	10 U	9.9 U	10 U	10 U	220 U	100 U	100 U	10 U	10 U	10 U
BENZO(G,H,I)PERYLENE	191-24-2	NS	NA	NA	5 U	4.9 U	10 U	5 U	110 U	100 U	500 U	5 U	10 U	5 U
INDENO(1,2,3-C,D)PYRENE	193-39-5	0.002(GV)	NA	NA	5 U	4.9 U	2 U	5 U	110 U	20 U	500 U	5 U	2 U	5 U
BENZO(B)FLUORANTHENE	205-99-2	0.002(GV)	NA	NA	5 U	4.9 U	2 U	5 U	110 U	20 U	500 U	5 U	2 U	5 U
FLUORANTHENE	206-44-0	50(GV)	NA	NA	**0.47 J**	4.9 U	10 U	5 U	110 U	100 U	500 U	5 U	10 U	5 U
BENZO(K)FLUORANTHENE	207-08-9	0.002(GV)	NA	NA	5 U	4.9 U	1 U	5 U	110 U	10 U	500 U	5 U	1 U	5 U
ACENAPHTHYLENE	208-96-8	NS	NA	NA	5 U	4.9 U	10 U	5 U	110 U	100 U	500 U	5 U	10 U	5 U
CHRYSENE	218-01-9	0.002(GV)	NA	NA	5 U	4.9 U *	2 U	5 U *	110 U	20 U	500 U	5 U	2 U	5 U
BENZO(A)PYRENE	50-32-8	NS	NA	NA	5 U	4.9 U	1 U	5 U	110 U	10 U	500 U	5 U	1 U	5 U
DIBENZ(A,H)ANTHRACENE	53-70-3	NS	NA	NA	5 U	4.9 U	1 U	5 U	110 U	10 U	500 U	5 U	1 U	5 U
BENZO(A)ANTHRACENE	56-55-3	0.002(GV)	NA	NA	5 U	4.9 U *	1 U	5 U *	110 U	10 U	500 U	5 U	1 U	5 U
ACENAPHTHENE	83-32-9	20	NA	NA	**1.8 J**	4.9 U	10 U	5 U	110 U	100 U	500 U	5 U	10 U	5 U
DIETHYL PHTHALATE	84-66-2	50(GV)	NA	NA	5 U	**1.1 J**	10 U	5 U	**33 J**	100 U	500 U	5 U	10 U	5 U
DI-N-BUTYL PHTHALATE	84-74-2	50(GV)	NA	NA	5 U	**0.5 JB**	10 U	5 U	110 U	100 U	500 U	5 U	10 U	5 U
PHENANTHRENE	85-01-8	50(GV)	NA	NA	5 U	4.9 U	10 U	5 U	110 U	100 U	500 U	5 U	10 U	5 U
BUTYL BENZYL PHTHALATE	85-68-7	50(GV)	NA	NA	5 U	4.9 U	10 U	5 U	110 U	100 U	500 U	5 U	10 U	5 U
FLUORENE	86-73-7	50(GV)	NA	NA	**0.39 J**	4.9 U	10 U	5 U	110 U	100 U	500 U	5 U	10 U	5 U
CARBAZOLE	86-74-8	NS	NA	NA	5 U	4.9 U	10 U	5 U	110 U	100 U	500 U	5 U	10 U	5 U
NAPHTHALENE	91-20-3	10(GV)	NA	NA	5 U	4.9 U	10 U	5 U	110 U	100 U	500 U	5 U	10 U	5 U
2-METHYLPHENOL	95-48-7	1	NA	NA	5 U	4.9 U	10 U	5 U	**96 J**	**160**	**220 J**	5 U	10 U	5 U
2-CHLOROPHENOL	95-57-8	1	NA	NA	5 U	4.9 U	10 U	5 U	110 U	100 U	500 U	5 U	10 U	5 U
ACETOPHENONE	98-86-2	NS	NA	NA	5 U	4.9 U	10 U	5 U	110 U	100 U	500 U	5 U	10 U	5 U
Total SVOCs			NA	NA	**2.66**	**1.6**	ND	ND	**1,309**	**1,830**	**2,030**	ND	ND	**0.59**

Notes:

AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values

Units are micrograms per liter (µg/L)

NS - No Standard or Guidance Value

NA - Not Analyzed

Detected concentrations and qualifiers shown in **bold** font.

Shaded cell indicates exceedance of the AWQS/GV.

B - For organic analyses - compound detected in laboratory method blank. For inorganic analyses - indicates trace concentration below reporting limit and equal to or above the detection limit.

U - Compound not detected at or above the instrument method detection limit (MDL).

ND - No compounds detected greater than MDL

J - Result is less than the Reporting Limit (RL) but greater than or equal to the MDL and the concentration is an approximate value.

* - LCS or LCSD exceeds the control limits

Table 3
Groundwater Analytical Results Summary
Semi-Volatile Organic Compounds
34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028

Sample ID			MW-21		MW-21		MW-21		MW-21D		MW-21D		MW-21D		MW-23		MW-23		MW-23		MW-23D		MW-23D		MW-23D	
Sampling Date			**2/16/17**		**5/23/18**		**8/28/19**		**2/16/17**		**5/23/18**		**8/28/19**		**2/14/17**		**5/23/18**		**8/28/19**		**2/14/17**		**5/23/18**		**8/28/19**	
Semi-Volatiles	CAS #	AWQS/GV Values																								
4-NITROPHENOL	100-02-7	1	9.5	U	20	U	10	U	10	U	20	U	10	U	9.4	U	20	U	10	U	9.9	U	20	U	10	U
BENZALDEHYDE	100-52-7	NS	4.8	U	10	U	5	U	5.1	U	10	U	5	U	**0.25**	**J**	10	U	5	U	4.9	U	10	U	5	U
CAPROLACTAM	105-60-2	NS	4.8	U	10	U	5	U	5.1	U	10	U	5	U	4.7	U	10	U	5	U	4.9	U	10	U	5	U
2,4-DIMETHYLPHENOL	105-67-9	50(GV)	4.8	U	10	U	5	U	5.1	U	10	U	5	U	4.7	U	10	U	5	U	4.9	U	10	U	5	U
4-METHYLPHENOL	106-44-5	1	9.5	U	10	U	10	U	10	U	10	U	10	U	9.4	U	10	U	10	U	9.9	U	10	U	5	U
BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	5	4.8	U	10	U	5	U	5.1	U	10	U	5	U	4.7	U	10	U	5	U	4.9	U	10	U	5	U
PHENOL	108-95-2	1	4.8	U	10	U	5	U	5.1	U	10	U	5	U	4.7	U	10	U	5	U	4.9	U	10	U	5	U
BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	5	4.8	U	2	U	5	U	5.1	U	2	U	5	U	4.7	U	2	U	5	U	4.9	U	2	U	5	U
DI-N-OCTYLPHTHALATE	117-84-0	50(GV)	4.8	U	10	U	10	U	5.1	U	10	U	5	U	4.7	U	10	U	5	U	4.9	U	10	U	5	U
ANTHRACENE	120-12-7	50(GV)	4.8	U	10	U	5	U	5.1	U	10	U	5	U	4.7	U	10	U	5	U	4.9	U	10	U	5	U
PYRENE	129-00-0	50(GV)	4.8	U	10	U	5	U	5.1	U	10	U	5	U	4.7	U	10	U	5	U	4.9	U	10	U	5	U
DIBENZOFURAN	132-64-9	NS	9.5	U	10	U*	10	U	10	U	10	U*	10	U	9.4	U	10	U*	10	U	9.9	U	10	U*	10	U
BENZO(G,H,I)PERYLENE	191-24-2	NS	4.8	U	10	U	5	U	5.1	U	10	U	5	U	4.7	U	10	U	5	U	4.9	U	10	U	5	U
INDENO(1,2,3-C,D)PYRENE	193-39-5	0.002(GV)	4.8	U	2	U	5	U	5.1	U	2	U	5	U	4.7	U	2	U	5	U	4.9	U	2	U	5	U
BENZO(B)FLUORANTHENE	205-99-2	0.002(GV)	4.8	U	2	U	5	U	5.1	U	2	U	5	U	**0.32**	**J**	2	U	5	U	4.9	U	2	U	5	U
FLUORANTHENE	206-44-0	50(GV)	4.8	U	10	U	5	U	5.1	U	10	U	5	U	4.7	U	10	U	5	U	4.9	U	10	U	5	U
BENZO(K)FLUORANTHENE	207-08-9	0.002(GV)	4.8	U	1	U	5	U	5.1	U	1	U	5	U	4.7	U	1	U	5	U	4.9	U	1	U	5	U
ACENAPHTHYLENE	208-96-8	NS	4.8	U	10	U	5	U	5.1	U	10	U	5	U	4.7	U	10	U	5	U	4.9	U	10	U	5	U
CHRYSENE	218-01-9	0.002(GV)	4.8	U	2	U	5	U	5.1	U	2	U	5	U	4.7	U	2	U	5	U	4.9	U	2	U	5	U
BENZO(A)PYRENE	50-32-8	NS	4.8	U	1	U	5	U	5.1	U	1	U	5	U	4.7	U	1	U	5	U	4.9	U	1	U	5	U
DIBENZ(A,H)ANTHRACENE	53-70-3	NS	4.8	U	1	U	5	U	5.1	U	1	U	5	U	4.7	U	1	U	5	U	4.9	U	1	U	5	U
BENZO(A)ANTHRACENE	56-55-3	0.002(GV)	4.8	U	1	U	5	U	5.1	U	1	U	5	U	4.7	U	1	U	5	U	4.9	U	1	U	5	U
ACENAPHTHENE	83-32-9	20	4.8	U	10	U	5	U	5.1	U	10	U	5	U	4.7	U	10	U	5	U	4.9	U	10	U	5	U
DIETHYL PHTHALATE	84-66-2	50(GV)	**0.66**	**J**	10	U	5	U	5.1	U	10	U	5	U	**6.1**		10	U	5	U	4.9	U	10	U	5	U
DI-N-BUTYL PHTHALATE	84-74-2	50(GV)	**0.45**	**JB**	10	U	5	U	**0.46**	**JB**	10	U	5	U	**0.6**	**JB**	10	U	**0.34**	**J**	**0.54**	**JB**	10	U	5	U
PHENANTHRENE	85-01-8	50(GV)	4.8	U	10	U	5	U	5.1	U	10	U	5	U	4.7	U	10	U	5	U	4.9	U	10	U	5	U
BUTYL BENZYL PHTHALATE	85-68-7	50(GV)	4.8	U	10	U	5	U	5.1	U	10	U	5	U	4.7	U	10	U	5	U	4.9	U	10	U	5	U
FLUORENE	86-73-7	50(GV)	4.8	U	10	U	5	U	5.1	U	10	U	5	U	4.7	U	10	U	5	U	4.9	U	10	U	5	U
CARBAZOLE	86-74-8	NS	4.8	U	10	U	5	U	5.1	U	10	U	5	U	4.7	U	10	U	5	U	4.9	U	10	U	5	U
NAPHTHALENE	91-20-3	10(GV)	4.8	U	10	U	5	U	5.1	U	10	U	5	U	4.7	U	10	U	5	U	4.9	U	10	U	5	U
2-METHYLPHENOL	95-48-7	1	4.8	U	10	U	5	U	5.1	U	10	U	5	U	4.7	U	10	U	5	U	4.9	U	10	U	5	U
2-CHLOROPHENOL	95-57-8	1	4.8	U	10	U	5	U	5.1	U	10	U	5	U	4.7	U	10	U	5	U	4.9	U	10	U	5	U
ACETOPHENONE	98-86-2	NS	4.8	U	10	U	5	U	5.1	U	10	U	5	U	4.7	U	10	U	5	U	4.9	U	10	U	5	U
Total SVOCs			**1.11**		ND		ND		**0.46**		ND		ND		**7.3**		ND		**0.34**		**0.54**		ND		ND	

Notes:

AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values

Units are micrograms per liter (µg/L)

NS - No Standard or Guidance Value

NA - Not Analyzed

Detected concentrations and qualifiers shown in **bold** font.

Shaded cell indicates exceedance of the AWQS/GV.

B - For organic analyses - compound detected in laboratory method blank. For inorganic analyses - indicates trace concentration below reporting limit and equal to or above the detection limit.

U - Compound not detected at or above the instrument method detection limit (MDL).

ND - No compounds detected greater than MDL

J - Result is less than the Reporting Limit (RL) but greater than or equal to the MDL and the concentration is an approximate value.

* - LCS or LCSD exceeds the control limits

Table 3
Groundwater Analytical Results Summary
Semi-Volatile Organic Compounds
34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028

Sample ID			MW-30		MW-30		MW-30		MW-31		MW-31		MW-31		MW-32		MW-32		MW-32		MW-33		MW-33		MW-33	
Sampling Date			**2/16/17**		**5/24/18**		**8/27/19**		**2/15/17**		**5/25/18**		**8/28/19**		**2/15/17**		**5/23/18**		**8/29/19**		**2/15/17**		**5/24/18**		**8/27/19**	
Semi-Volatiles	CAS #	AWQS/GV Values																								
4-NITROPHENOL	100-02-7	1	9.4	U	20	U	10	U	9.5	U	20	U	10	U	9.6	U	20	U	10	U	50	U	20	U	50	U
BENZALDEHYDE	100-52-7	NS	4.7	U	10	U	5	U	4.7	U	10	U	5	U	4.8	U	10	U	5	U	25	U	10	U	25	U
CAPROLACTAM	105-60-2	NS	4.7	U	10	U	5	U	4.7	U	10	U	5	U	4.8	U	10	U	5	U	25	U	10	U	25	U
2,4-DIMETHYLPHENOL	105-67-9	50(GV)	4.7	U	10	U	5	U	4.7	U	10	U	5	U	4.8	U	10	U	5	U	25	U	10	U	25	U
4-METHYLPHENOL	106-44-5	1	9.4	U	10	U	10	U	9.5	U	10	U	10	U	9.6	U	10	U	**0.38**	**J**	50	U	10	U	50	U
BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	5	4.7	U	10	U*	5	U	4.7	U	10	U*	5	U	4.8	U	10	U	5	U	25	U	10	U*	25	U
PHENOL	108-95-2	1	4.7	U	10	U	5	U	4.7	U	10	U	5	U	4.8	U	10	U	5	U	25	U	10	U	25	U
BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	5	4.7	U	2	U	5	U	4.7	U	2	U	5	U	4.8	U	2	U	5	U	25	U	2	U	25	U
DI-N-OCTYLPHTHALATE	117-84-0	50(GV)	4.7	U	10	U	5	U	4.7	U	10	U	5	U	4.8	U	10	U	5	U	25	U	10	U	25	U
ANTHRACENE	120-12-7	50(GV)	4.7	U	10	U	5	U	4.7	U	10	U	5	U	4.8	U	10	U	5	U	25	U	10	U	25	U
PYRENE	129-00-0	50(GV)	4.7	U	10	U	5	U	4.7	U	10	U	5	U	4.8	U	10	U	5	U	25	U	10	U	25	U
DIBENZOFURAN	132-64-9	NS	9.4	U	10	U	10	U	9.5	U	10	U	5	U	9.6	U	10	U*	10	U	50	U	10	U	50	U
BENZO(G,H,I)PERYLENE	191-24-2	NS	4.7	U	10	U	5	U	4.7	U	10	U	10	U	4.8	U	10	U	5	U	25	U	10	U	25	U
INDENO(1,2,3-C,D)PYRENE	193-39-5	0.002(GV)	4.7	U	2	U	5	U	4.7	U	2	U	5	U	4.8	U	2	U	5	U	25	U	2	U	25	U
BENZO(B)FLUORANTHENE	205-99-2	0.002(GV)	4.7	U	2	U	5	U	4.7	U	2	U	5	U	4.8	U	2	U	5	U	25	U	2	U	25	U
FLUORANTHENE	206-44-0	50(GV)	4.7	U	10	U	5	U	4.7	U	10	U	5	U	4.8	U	10	U	5	U	25	U	10	U	25	U
BENZO(K)FLUORANTHENE	207-08-9	0.002(GV)	4.7	U	1	U	5	U	4.7	U	1	U	5	U	4.8	U	1	U	5	U	25	U	1	U	25	U
ACENAPHTHYLENE	208-96-8	NS	4.7	U	10	U	5	U	4.7	U	10	U	5	U	4.8	U	10	U	5	U	25	U	10	U	25	U
CHRYSENE	218-01-9	0.002(GV)	4.7	U	2	U	5	U	4.7	U	2	U	5	U	4.8	U	2	U	5	U	25	U	2	U	25	U
BENZO(A)PYRENE	50-32-8	NS	4.7	U	1	U	5	U	4.7	U	1	U	5	U	4.8	U	1	U	5	U	25	U	1	U	25	U
DIBENZ(A,H)ANTHRACENE	53-70-3	NS	4.7	U	1	U	5	U	4.7	U	1	U	5	U	4.8	U	1	U	5	U	25	U	1	U	25	U
BENZO(A)ANTHRACENE	56-55-3	0.002(GV)	4.7	U	1	U	5	U	4.7	U	1	U	5	U	4.8	U	1	U	5	U	25	U	1	U	25	U
ACENAPHTHENE	83-32-9	20	4.7	U	10	U	5	U	4.7	U	10	U	5	U	4.8	U	10	U	5	U	25	U	10	U	25	U
DIETHYL PHTHALATE	84-66-2	50(GV)	4.7	U	10	U	5	U	4.7	U	10	U	5	U	4.8	U	10	U	5	U	25	U	10	U	25	U
DI-N-BUTYL PHTHALATE	84-74-2	50(GV)	**0.48**	**JB**	10	U	5	U	4.7	U	10	U	5	U	4.8	U	10	U	5	U	25	U	10	U	25	U
PHENANTHRENE	85-01-8	50(GV)	4.7	U	10	U	5	U	4.7	U	10	U	5	U	4.8	U	10	U	5	U	25	U	10	U	25	U
BUTYL BENZYL PHTHALATE	85-68-7	50(GV)	4.7	U	10	U	5	U	4.7	U	10	U	5	U	4.8	U	10	U	5	U	25	U	10	U	25	U
FLUORENE	86-73-7	50(GV)	4.7	U	10	U	5	U	4.7	U	10	U	5	U	4.8	U	10	U	5	U	25	U	10	U	25	U
CARBAZOLE	86-74-8	NS	4.7	U	10	U	5	U	4.7	U	10	U	5	U	4.8	U	10	U	5	U	25	U	10	U	25	U
NAPHTHALENE	91-20-3	10(GV)	4.7	U	10	U	5	U	4.7	U	10	U	5	U	4.8	U	10	U	5	U	25	U	10	U	25	U
2-METHYLPHENOL	95-48-7	1	4.7	U	10	U	5	U	4.7	U	10	U	5	U	4.8	U	10	U	5	U	25	U	10	U	25	U
2-CHLOROPHENOL	95-57-8	1	4.7	U	10	U	5	U	4.7	U	10	U	5	U	4.8	U	10	U	5	U	25	U	10	U	25	U
ACETOPHENONE	98-86-2	NS	4.7	U	10	U	5	U	4.7	U	10	U	5	U	4.8	U	10	U	5	U	25	U	10	U	25	U
Total SVOCs			**0.48**		ND		ND		ND		ND		ND		ND		ND		**0.38**		ND		ND		ND	

Notes:

AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values

Units are micrograms per liter (µg/L)

NS - No Standard or Guidance Value

NA - Not Analyzed

Detected concentrations and qualifiers shown in **bold** font.

Shaded cell indicates exceedance of the AWQS/GV.

B - For organic analyses - compound detected in laboratory method blank. For inorganic analyses - indicates trace concentration below reporting limit and equal to or above the detection limit.

U - Compound not detected at or above the instrument method detection limit (MDL).

ND - No compounds detected greater than MDL

J - Result is less than the Reporting Limit (RL) but greater than or equal to the MDL and the concentration is an approximate value.

* - LCS or LCSD exceeds the control limits

Table 4
Groundwater Analytical Results Summary
Metals
34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028

Sample ID			MW-11		MW-11		MW-11		MW-11D		MW-11D		MW-11D		MW-12		MW-12		MW-12
Sampling Date			2/14/17		5/22/18		8/27/19		2/14/17		5/22/18		8/27/19		2/15/17		5/25/18		8/27/19
Metals	CAS #	AWQS/GV Values																	
ALUMINUM	7429-90-5	NS	**1,600**		**4,600**		**1,100**		200	U	**1,620**		200	U	**10,400**		**3,240**		NA
ANTIMONY	7440-36-0	3	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	NA
ARSENIC	7440-38-2	25	15	U	15	U	15	U	15	U	15	U	15	U	15	U	15	U	NA
BARIUM	7440-39-3	1,000	**58**		**86**	**J**	**76**		**200**	**F1**	**201**		**200**	**F1**	**92**		**86**	**J**	NA
BERYLLIUM	7440-41-7	3	2.0	U	**0.29**	**J**	2.0	U	2.0	U	2.0	U	2.0	U	**0.50**	**J**	2.0	U	NA
CADMIUM	7440-43-9	5	2.0	U	4.0	U	2.0	U	2.0	U	4.0	U	2.0	U	2.0	U	**0.37**	**J**	NA
CALCIUM	7440-70-2	NS	**234,000**		**247,000**		**227,000**		**173,000**		**175,000**		**165,000**		**110,000**		**122,000**		NA
CHROMIUM	7440-47-3	50	**1.9**	**J**	**5.7**	**J**	**1.7**	**J**	4.0	U	**1.5**	**J**	4.0	U	**13**	**B**	**7.2**	**J**	NA
COBALT	7440-48-4	NS	**2.0**	**J**	**5.8**	**J**	**3.1**	**J**	4.0	U	50	U	4.0	U	**2.5**	**J**	**2.4**	**J**	NA
COPPER	7440-50-8	200	**1.9**	**J**	**9.6**	**J**	10	U	10	U	**9.4**	**J**	10	U	**12**		**16.7**	**J**	NA
CYANIDE	57-12-5	200	**10**		**14**		**5.6**	**J**	10	1	10	U	**10**		10	1	10	U	NA
IRON	7439-89-6	300	**1,800**		**9,010**		**1,600**		**2,900**		**6,110**		**2,700**		**10,300**		**6,140**		NA
LEAD	7439-92-1	25	**7.9**	**J**	10	U	**4.3**	**J**	10	U	10	U	10	U	**9**	**J**	10	U	NA
MAGNESIUM	7439-95-4	35,000(GV)	**36,900**		**37,500**		**38,200**		**26,100**		**25,600**		**25,300**		**15,300**		**15,000**		NA
MANGANESE	7439-96-5	300	**3,000**	**B**	**3,040**		**3,000**		**200**	**B**	**289**		**200**		**61**		**70.2**		NA
MERCURY	7439-97-6	0.7	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NA
NICKEL	7440-02-0	100	**4.7**	**J**	**11.9**	**J**	**4.8**	**J**	10	U	**4.1**	**J**	10	U	**9.2**	**J**	**10**	**J**	NA
POTASSIUM	7440-09-7	NS	**2,200**		**2,640**	**J**	**1,700**		**5,300**		**5,020**		**4,900**		**4,000**		**2,770**	**J**	NA
SELENIUM	7782-49-2	10	25	U	20	U	25	U	25	U	20	U	25	U	25	U	20	U	NA
SILVER	7440-22-4	50	6.0	U	10	U	6.0	U	6.0	U	10	U	6.0	U	6.0	U	10	U	NA
SODIUM	7440-23-5	20,000	**27,800**		**24,200**		**30,600**		**77,800**		**68,400**		**86,700**		**5,100**		**38,800**		NA
THALLIUM	7440-28-0	0.5(GV)	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	NA
VANADIUM	7440-62-2	NS	**3.4**	**J**	**15.9**	**J**	**2.4**	**J**	5.0	U	**3.9**	**J**	5.0	U	**20**		**6.8**	**J**	NA
ZINC	7440-66-6	2,000(GV)	**6.2**	**J**	**29.0**	**J**	**8.2**	**JB**	10	U	**13**	**J**	10	U	**47**	**B**	**42.9**		NA

Notes:

AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values
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B - Compound was found in the blank and sample.

U - Compound not detected at or above the instrument method detection limit (MDL).
J - Result is less than the Reporting Limit (RL) but greater than or equal to the MDL and the concentration is an approximate
F1 - MS and/or MSD Recovery is outside acceptable limits
^ - Instrument related QC is outside acceptance limits.
Detected concentrations and qualifiers shown in **bold** font.
Shaded cell indicates exceedance of the AWQS/GV.

Table 4
Groundwater Analytical Results Summary
Metals
34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028

Sample ID			MW-15		MW-15		MW-15		MW-15D		MW-15D		MW-15D		MW-16		MW-16		MW-16	
Sampling Date			2/13/17		5/22/18		8/29/19		2/13/17		5/24/18		8/27/19		2/14/17		5/24/18		8/27/19	
Metals	CAS #	AWQS/GV Values																		
ALUMINUM	7429-90-5	NS	**15,800**		**30,300**		**25,600**		**54,600**		**1,040**		**1,500**		**6,100**		**29.5**	**J**	200	U
ANTIMONY	7440-36-0	3	20	U	20	U	20	U	**19**	**J**	20	U	20	U	20	U	20	U	20	U
ARSENIC	7440-38-2	25	**8.8**	**J**	**19.3**		**19**		**32**		15	U	15	U	**20**		**41.7**		15	U
BARIUM	7440-39-3	1,000	**190**		**286**		**370**		**670**		**40.8**	**J**	**35**		**280**		**224**		**210**	
BERYLLIUM	7440-41-7	3	**0.69**	**J**	**2.0**		**2.2**		**3.1**		2.0	U	2.0	U	**0.35**	**J**	2.0	U	2.0	U
CADMIUM	7440-43-9	5	**1.1**	**J**	**1.2**	**J**	**1.60**	**J**	**4.0**		4.0	U	2.0	U	2.0	U	4.0	U	2.0	U
CALCIUM	7440-70-2	NS	**155,000**		**188,000**		**286,000**		**304,000**		**137,000**		**135,000**		**248,000**		**296,000**		**314,000**	
CHROMIUM	7440-47-3	50	**38**		**103**		**64**		**180**		**3.0**	**J**	**5.1**		**9.9**		10	U	4.0	U
COBALT	7440-48-4	NS	**8.8**		**28.5**	**J**	**33**		**50**		50	U	4.0	U	**2.3**	**J**	50	U	4.0	U
COPPER	7440-50-8	200	**55**		**196**		**94**		**310**		**12**	**J**	**7.3**	**J**	**7.8**	**J**	25	U	10	U
CYANIDE	57-12-5	200	10	U	**17**		**95**		**7.7**	**J**	10	U	**7.8**	**J**	10	U	**3.3**	**J,F1**	**9.2**	**J**
IRON	7439-89-6	300	**22,700**		**64,600**		**47,100**		**96,600**		**2,280**		**2,200**		**26,800**		**25,600**		**27,100**	
LEAD	7439-92-1	25	**160**		**500**		**390**		**1,200**		**19.4**		**19**		**21**		10	U	10	U
MAGNESIUM	7439-95-4	35,000(GV)	**31,800**		**46,800**		**65,300**		**71,200**		**24,300**		**25,700**		**35,500**		**42,900**		**57,300**	
MANGANESE	7439-96-5	300	**630**		**1,140**		**1,400**		**1,400**		**126**		**140**		**1,500**	**B**	**2,480**	**B**	**3,500**	
MERCURY	7439-97-6	0.7	0.2	U	**0.55**		**0.42**		**1.0**		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	100	**22**		**73.7**		**57**		**110**		**4.1**	**J**	**1.8**	**J**	**8.1**	**J**	40	U	10	U
POTASSIUM	7440-09-7	NS	**8,100**		**7,610**		**9,100**		**16,800**		**3,750**	**J**	**3,800**		**7,900**		**5,960**		**4,900**	
SELENIUM	7782-49-2	10	25	U	20	U	25	U	25	U	20	U	25	U	25	U	20	U	25	U
SILVER	7440-22-4	50	6.0	U	10	U	6.0	U	6.0	U	10	U	6.0	U	6.0	U	10	U	6.0	U
SODIUM	7440-23-5	20,000	**123,000**		**101,000**		**160,000**		**97,700**		**128,000**		**137,000**		**16,400**		**19,900**		**27,300**	
THALLIUM	7440-28-0	0.5(GV)	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U
VANADIUM	7440-62-2	NS	**42**		**85.6**		**77**		**140**		**2.7**	**J**	**3.8**	**J**	**12**		**4.1**	**J**	5.0	U
ZINC	7440-66-6	2,000(GV)	**300**		**957**		**1,100**	**B**	**1,300**		**36.1**		**49**	**B**	**84**		30	U	**2.2**	**JB**

Notes:

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Table 4
Groundwater Analytical Results Summary
Metals
34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028

Sample ID			MW-16D		MW-16D		MW-16D		MW-18		MW-18		MW-18		MW-19		MW-19		MW-19	
Sampling Date			2/14/17		5/22/18		8/28/19		2/14/17		5/24/18		8/29/19		2/13/17		5/22/18		8/29/19	
Metals	CAS #	AWQS/GV Values																		
ALUMINUM	7429-90-5	NS	200	U	**33.4**	**J**	200	U	200	U	**286**		**8,300**		NA		NA		**2,100**	
ANTIMONY	7440-36-0	3	20	U	20	U	20	U	20	U	20	U	20	U	NA		NA		20	U
ARSENIC	7440-38-2	25	15	U	15	U	15	U	15	U	15	U	**9.8**	**J**	NA		NA		**9.8**	**J**
BARIUM	7440-39-3	1,000	**74**		**75.2**	**J**	**66**		**19**		**20.4**	**J**	**160**		NA		NA		**130**	
BERYLLIUM	7440-41-7	3	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	NA		NA		2.0	U
CADMIUM	7440-43-9	5	2.0	U	4.0	U	2.0	U	2.0	U	4.0	U	2.0	U	NA		NA		2.0	U
CALCIUM	7440-70-2	NS	**126,000**		**151,000**		**130,000**		**73,700**		**64,500**		**109,000**		NA		NA		**186,000**	
CHROMIUM	7440-47-3	50	**1.3**	**J**	10	U	4.0	U	4.0	U	10	U	**15**		NA		NA		**3.0**	**J**
COBALT	7440-48-4	NS	**0.95**	**J**	50	U	**1.4**	**J**	4.0	U	50	U	**2.9**	**J**	NA		NA		4.0	U
COPPER	7440-50-8	200	10	U	25	U	10	U	10	U	25	U	**13**		NA		NA		10	U
CYANIDE	57-12-5	200	10	U	**3.6**	**J**	**5.8**	**J**	10	U	10	U	10	U	NA		NA		**7.3**	**J**
IRON	7439-89-6	300	**1,800**		**2,420**		**1,500**		**29**	**J**	**467**		**12,800**		NA		NA		**3,300**	
LEAD	7439-92-1	25	10	U	10	U	10	U	**3.5**	**J**	10	U	**10**		NA		NA		**3.6**	**J**
MAGNESIUM	7439-95-4	35,000(GV)	**20,200**		**23,000**		**21,100**		**13,200**		**11,100**		**35,400**		NA		NA		**16,100**	
MANGANESE	7439-96-5	300	**910**	**B**	**1,010**		**1,200**		**2.8**	**JB**	**22.6**		**960**		NA		NA		**880**	
MERCURY	7439-97-6	0.7	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NA		NA		0.2	U
NICKEL	7440-02-0	100	**2.4**	**J**	**2.5**	**J**	**3.1**	**J**	**1.6**	**J**	40	U	**9.5**	**J**	NA		NA		10	U
POTASSIUM	7440-09-7	NS	**2,100**		**2,350**	**J**	**2,600**		**660**		**687**	**J**	**12,200**		NA		NA		**3,400**	
SELENIUM	7782-49-2	10	25	U	20	U	25	U	25	U	20	U	25	U	NA		NA		25	U
SILVER	7440-22-4	50	6.0	U	10	U	6.0	U	6.0	U	10	U	6.0	U	NA		NA		6.0	U
SODIUM	7440-23-5	20,000	**105,000**		**114,000**		**120,000**		**41,600**		**4,100**	**J**	**43,700**		NA		NA		**14,700**	
THALLIUM	7440-28-0	0.5(GV)	20	U	20	U	20	U	20	U	20	U	20	U	NA		NA		20	U
VANADIUM	7440-62-2	NS	5.0	U	50	U	5.0	U	5.0	U	50	U	**15**		NA		NA		**3.5**	**J**
ZINC	7440-66-6	2,000(GV)	**2.1**	**J**	30	U	**4.8**	**JB**	10	U	30	U	**33**	**B**	NA		NA		**7.4**	**JB**

Notes:

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Detected concentrations and qualifiers shown in **bold** font.
Shaded cell indicates exceedance of the AWQS/GV.

Table 4
Groundwater Analytical Results Summary
Metals
34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028

Sample ID			MW-19D		MW-19D		MW-19D		MW-20		MW-20		MW-20		MW-20D		MW-20D		MW-20D	
Sampling Date			2/13/17		5/22/18		8/27/19		2/15/17		5/24/18		8/28/19		2/15/17		5/25/18		8/28/19	
Metals	CAS #	AWQS/GV Values																		
ALUMINUM	7429-90-5	NS	**1,800**		**472**		**680**		**480**		**215**		**110**	**J**	**670**		**196**	**J**	**270**	
ANTIMONY	7440-36-0	3	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U
ARSENIC	7440-38-2	25	15	U	15	U	15	U	**16**		**17.5**		**16**		**6.1**	**J**	15	U	15	U
BARIUM	7440-39-3	1,000	**85**		**90.6**	**J**	**76**		**86**		**155**	**J**	**120**		**150**		**160**	**J**	**160**	
BERYLLIUM	7440-41-7	3	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
CADMIUM	7440-43-9	5	2.0	U	4.0	U	2.0	U	**0.59**	**J**	4.0	U	2.0	U	2.0	U	4.0	U	2.0	U
CALCIUM	7440-70-2	NS	**158,000**		**182,000**		**157,000**		**195,000**		**356,000**		**258,000**		**111,000**		**128,000**		**133,000**	
CHROMIUM	7440-47-3	50	**2.2**	**J**	10	U	**1.7**	**J**	**3.8**	**JB**	10	U	**4.0**		**1.0**	**JB**	10	U	4.0	U
COBALT	7440-48-4	NS	4.0	U	50	U	4.0	U	4.0	U	50	U	4.0	U	4.0	U	50	U	4.0	U
COPPER	7440-50-8	200	**2.5**	**J**	25	U	10	U	10	U	25	U	10	U	**1.6**	**J**	25	U	10	U
CYANIDE	57-12-5	200	10	U	**6.1**	**J**	**17**		**21**		**29**		**22**		10	U	10	U	10	U
IRON	7439-89-6	300	**18,700**		**15,800**		**10,100**		**3,100**		**3,570**		**210**		**12,500**		**9,950**		**2,800**	
LEAD	7439-92-1	25	**5.7**	**J**	10	U	10	U	**8.3**	**J**	50	U	**4.2**	**J**	10	U	10	U	10	U
MAGNESIUM	7439-95-4	35,000(GV)	**22,000**		**23,500**		**28,000**		**4,200**		**910**	**J**	**1,900**		**19,100**		**20,700**		**23,400**	
MANGANESE	7439-96-5	300	**510**		**636**		**590**		**25**		**14.5**	**J**	**2.7**	**J**	**62**		**62.6**		**67**	
MERCURY	7439-97-6	0.7	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	100	10	U	40	U	10	U	**27**		**33.6**	**J**	**15**		10	U	40	U	10	U
POTASSIUM	7440-09-7	NS	**1,900**		**1,350**	**J**	**1,400**		**145,000**		**175,000**		**195,000**		**4,400**		**4,410**	**J**	**4,900**	
SELENIUM	7782-49-2	10	25	U	20	U	25	U	25	U	20	U	25	U	25	U	20	U	25	U
SILVER	7440-22-4	50	6.0	U	10	U	6.0	U	6.0	U	10	U	6.0	U	6.0	U	10	U	6.0	U
SODIUM	7440-23-5	20,000	**7,400**		**9,340**		**24,100**		**265,000**		**283,000**		**292,000**		**84,300**		**78,100**		**81,500**	
THALLIUM	7440-28-0	0.5(GV)	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U
VANADIUM	7440-62-2	NS	**3.4**	**J**	50	U	**1.5**	**J**	**9.9**		**6.9**	**J**	**15**		**1.9**	**J**	50	U	5.0	U
ZINC	7440-66-6	2,000(GV)	**21**		**7.1**	**J**	**11**	**B**	**14**	**B**	**6.1**	**J**	**3.1**	**JB**	**3.3**	**JB**	30	U	**3.2**	**JB**

Notes:

AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values
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Detected concentrations and qualifiers shown in **bold** font.
Shaded cell indicates exceedance of the AWQS/GV.

Table 4
Groundwater Analytical Results Summary
Metals
34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028

Sample ID			MW-21		MW-21		MW-21		MW-21D		MW-21D		MW-21D		MW-23		MW-23		MW-23	
Sampling Date			2/16/17		5/23/18		8/28/19		2/16/17		5/23/18		8/28/19		2/14/17		5/23/18		8/28/19	
Metals	CAS #	AWQS/GV Values																		
ALUMINUM	7429-90-5	NS	**4,200**		**15,500**		**6,200**		200	U	200	U	**63**	**J**	**13,900**		**10,800**		**2,300**	
ANTIMONY	7440-36-0	3	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U
ARSENIC	7440-38-2	25	**11**	**J**	**33**		**5.9**	**J**	15	U	15	U	15	U	**6.5**	**J**	**12.3**	**J**	15	U
BARIUM	7440-39-3	1,000	**120**		**258**		**150**		**140**		**161**	**J**	**200**		**180**		**218**		**230**	
BERYLLIUM	7440-41-7	3	2.0	U	**1.2**	**J**	**0.51**	**J**	2.0	U	2.0	U	2.0	U	**0.61**	**J**	**0.69**	**J**	2.0	U
CADMIUM	7440-43-9	5	2.0	U	4.0	U	2.0	U	2.0	U	4.0	U	2.0	U	**0.60**	**J**	4.0	U	2.0	U
CALCIUM	7440-70-2	NS	**208,000**		**168,000**		**152,000**		**143,000**		**142,000**		**156,000**		**141,000**		**121,000**		**115,000**	
CHROMIUM	7440-47-3	50	**5.9**		**26.8**		**8.5**		4.0	U	10	U	4.0	U	**28**		**27.8**		**5.3**	
COBALT	7440-48-4	NS	**2.0**	**J**	**13.9**	**J**	**5.2**		4.0	U	50	U	4.0	U	**9.2**		**11.3**	**J**	**1.8**	**J**
COPPER	7440-50-8	200	**6.5**	**JB**	**40**		**9.7**	**J**	10	U	25	U	10	U	**28**		**35.2**		**4.6**	**J**
CYANIDE	57-12-5	200	10	U	**4.1**	**J**	10	U	10	U	**2.3**	**J**	10	U	10	U	**5.1**	**J**	10	U
IRON	7439-89-6	300	**30,400**		**85,000**		**17,600**		**2,000**		**2,040**		**2,400**		**28,400**		**33,300**		**14,800**	
LEAD	7439-92-1	25	**9.2**	**J**	**22.6**		**17**		10	U	10	U	10	U	**400**		**488**		**74**	
MAGNESIUM	7439-95-4	35,000(GV)	**25,200**		**23,100**		**19,100**		**24,800**		**23,200**		**28,100**		**25,200**		**20,800**		**17,900**	
MANGANESE	7439-96-5	300	**9,500**	**^**	**6,600**		**6,000**		**220**	**^**	**222**		**240**		**840**	**B**	**743**		**480**	
MERCURY	7439-97-6	0.7	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	**0.13**	**J**	0.2	U
NICKEL	7440-02-0	100	**4.5**	**J**	**31.0**	**J**	**9.3**	**J**	10	U	40	U	10	U	**21**		**26.3**	**J**	**3.4**	**J**
POTASSIUM	7440-09-7	NS	**2,900**		**3,780**	**J**	**3,000**		**3,300**		**3,150**	**J**	**3,700**		**7,000**		**5,280**		**6,200**	
SELENIUM	7782-49-2	10	25	U	20	U	25	U	25	U	20	U	25	U	25	U	20	U	25	U
SILVER	7440-22-4	50	6.0	U	10	U	6.0	U	6.0	U	10	U	6.0	U	6.0	U	10	U	6.0	U
SODIUM	7440-23-5	20,000	**12,200**		**11,100**		**33,500**		**75,900**		**90,400**		**125,000**		**13,900**		**10,700**		**14,400**	
THALLIUM	7440-28-0	0.5(GV)	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U
VANADIUM	7440-62-2	NS	**18**		**92.4**		**19**		5.0	U	50	U	5.0	U	**30**		**27.3**	**J**	**5.4**	
ZINC	7440-66-6	2,000(GV)	**16**		**97.9**		**39**	**B**	10	U	30	U	10	U	**120**		**162**		**25**	**B**

Notes:

AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values
Units are micrograms per liter (µg/L)
NS - No Standard or Guidance Value
NA - Not Analyzed
B - Compound was found in the blank and sample.

U - Compound not detected at or above the instrument method detection limit (MDL).
J - Result is less than the Reporting Limit (RL) but greater than or equal to the MDL and the concentration is an approximate
F1 - MS and/or MSD Recovery is outside acceptable limits
^ - Instrument related QC is outside acceptance limits.
Detected concentrations and qualifiers shown in **bold** font.
Shaded cell indicates exceedance of the AWQS/GV.

Table 4
Groundwater Analytical Results Summary
Metals
34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028

Sample ID			MW-23D		MW-23D		MW-23D		MW-30		MW-30		MW-30		MW-31		MW-31		MW-31	
Sampling Date			2/14/17		5/23/18		8/28/19		2/16/17		5/24/18		8/27/19		2/15/17		5/25/18		8/28/19	
Metals	CAS #	AWQS/GV Values																		
ALUMINUM	7429-90-5	NS	**120**	**J**	**113**	**J**	200	U	200	U	**40.9**	**J**	**3,200**		**98**	**J**	**231**		200	U
ANTIMONY	7440-36-0	3	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U
ARSENIC	7440-38-2	25	15	U	15	U	15	U	15	U	15	U	15	U	15	U	15	U	15	U
BARIUM	7440-39-3	1,000	**93**		**118**	**J**	**130**		**28**		**86.1**	**J**	**100**		**82**		**96.8**	**J**	**100**	
BERYLLIUM	7440-41-7	3	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
CADMIUM	7440-43-9	5	2.0	U	4.0	U	2.0	U	2.0	U	4.0	U	2.0	U	2.0	U	4.0	U	2.0	U
CALCIUM	7440-70-2	NS	**115,000**		**144,000**		**142,000**		**237,000**		**194,000**		**251,000**		**199,000**		**214,000**		**209,000**	
CHROMIUM	7440-47-3	50	4.0	U	10	U	4.0	U	4.0	U	10	U	**3.1**	**J**	4.0	U	10	U	4.0	U
COBALT	7440-48-4	NS	4.0	U	50	U	4.0	U	4.0	U	50	U	**2.1**	**J**	4.0	U	50	U	4.0	U
COPPER	7440-50-8	200	10	U	25	U	10	U	**2.3**	**JB**	25	U	**3.3**	**J**	10	U	25	U	10	U
CYANIDE	57-12-5	200	10	1	**3.0**	**J**	10	U	10	U	10	U	**11**		**14**		**18**		**20**	
IRON	7439-89-6	300	**1,600**		**2,030**		**1,700**		**490**		**963**		**5,000**		**2,500**		**4,320**		**3,500**	
LEAD	7439-92-1	25	10	U	10	U	10	U	10	U	10	U	**4.0**	**J**	10	U	10	U	10	U
MAGNESIUM	7439-95-4	35,000(GV)	**19,000**		**22,200**		**23,800**		**35,000**		**27,000**		**41,000**		**41,800**		**43,700**		**45,100**	
MANGANESE	7439-96-5	300	**150**	**B**	**190**		**180**		**450**	**^**	**880**		**1,800**		**380**		**448**		**400**	
MERCURY	7439-97-6	0.7	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	100	10	U	40	U	10	U	**2.9**	**J**	**1.9**	**J**	**4.5**	**J**	10	U	**2.0**	**J**	10	U
POTASSIUM	7440-09-7	NS	**2,300**		**2,460**	**J**	**2,600**		**10,600**		**11,400**		**8,700**		**3,000**		**3,110**	**J**	**3,600**	
SELENIUM	7782-49-2	10	25	U	20	U	25	U	25	U	20	U	25	U	25	U	20	U	25	U
SILVER	7440-22-4	50	6.0	U	10	U	6.0	U	6.0	U	10	U	6.0	U	6.0	U	10	U	6.0	U
SODIUM	7440-23-5	20,000	**65,400**		**70,200**		**85,900**		**19,000**		**30,100**		**15,800**		**79,600**		**82,600**		**89,100**	
THALLIUM	7440-28-0	0.5(GV)	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U
VANADIUM	7440-62-2	NS	5.0	U	50	U	5.0	U	5.0	U	50	U	**5.6**		5.0	U	50	U	5.0	U
ZINC	7440-66-6	2,000(GV)	10	U	30	U	**2.0**	**JB**	**3.0**	**J**	30	U	**15**	**B**	**1.5**	**JB**	30	U	10	U

Notes:

AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values
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NS - No Standard or Guidance Value
NA - Not Analyzed
B - Compound was found in the blank and sample.

U - Compound not detected at or above the instrument method detection limit (MDL).
J - Result is less than the Reporting Limit (RL) but greater than or equal to the MDL and the concentration is an approximate
F1 - MS and/or MSD Recovery is outside acceptable limits
^ - Instrument related QC is outside acceptance limits.
Detected concentrations and qualifiers shown in **bold** font.
Shaded cell indicates exceedance of the AWQS/GV.

Table 4
Groundwater Analytical Results Summary
Metals
34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028

Sample ID			MW-32		MW-32		MW-32		MW-33		MW-33		MW-33	
Sampling Date			2/15/17		5/23/18		8/29/19		2/15/17		5/24/18		8/27/2019	
Metals	CAS #	AWQS/GV Values												
ALUMINUM	7429-90-5	NS	**2,900**		**1,540**		**1,800**		**2,700**		**14,800**		**820**	
ANTIMONY	7440-36-0	3	20	U	20	U	20	U	20	U	20	U	20	U
ARSENIC	7440-38-2	25	15	U	15	U	15	U	**20**		**60**		15	U
BARIUM	7440-39-3	1,000	**98**		**80.2**	**J**	**75**		**50**		**186**	**J**	**47**	
BERYLLIUM	7440-41-7	3	2.0	U	2.0	U	2.0	U	2.0	U	**0.88**	**J**	2.0	U
CADMIUM	7440-43-9	5	2.0	U	4.0	U	2.0	U	**0.73**	**J**	**0.82**	**J**	2.0	U
CALCIUM	7440-70-2	NS	**130,000**		**130,000**		**137,000**		**702,000**		**669,000**		**101,000**	
CHROMIUM	7440-47-3	50	**4.4**	**B**	**1.9**	**J**	**2.5**	**J**	**7.1**	**B**	**32.5**		**2.0**	**J**
COBALT	7440-48-4	NS	**1.1**	**J**	50	U	**1.0**	**J**	**1.2**	**J**	**15.5**	**J**	4.0	U
COPPER	7440-50-8	200	**2.8**	**J**	25	U	**2.5**	**J**	**13**		**69.4**		**2.5**	**J**
CYANIDE	57-12-5	200	**120**		**140**		**130**		10	U	**5.7**	**J**	10	U
IRON	7439-89-6	300	**12,300**		**12,500**		**10,600**		**6,700**		**58,600**		**1,200**	
LEAD	7439-92-1	25	**8.2**	**J**	10	U	**7.8**	**J**	**27**		**166**		**9.5**	**J**
MAGNESIUM	7439-95-4	35,000(GV)	**22,900**		**20,800**		**23,200**		**24,400**		**30,200**		**8,300**	
MANGANESE	7439-96-5	300	**1,700**		**1,710**		**1,600**		**450**		**1040**		**96**	
MERCURY	7439-97-6	0.7	0.2	U	**0.14**	**J**	0.2	U	0.2	U	0.2	U	0.2	U
NICKEL	7440-02-0	100	**3.5**	**J**	**4.5**	**J**	**2.4**	**J**	**7.7**	**J**	**55.3**		**1.4**	**J**
POTASSIUM	7440-09-7	NS	**9,700**		**6,560**		**12,300**		**25,900**		**23,400**		**8,400**	
SELENIUM	7782-49-2	10	25	U	20	U	25	U	25	U	20	U	25	U
SILVER	7440-22-4	50	6.0	U	10	U	6.0	U	6.0	U	10	U	6.0	U
SODIUM	7440-23-5	20,000	**21,100**		**12,500**		**17,800**		**118,000**		**83,800**		**26,300**	
THALLIUM	7440-28-0	0.5(GV)	20	U	20	U	20	U	20	U	20	U	20	U
VANADIUM	7440-62-2	NS	**5.4**		**5.8**	**J**	**3.6**	**J**	**12**		**62.7**		**11**	
ZINC	7440-66-6	2,000(GV)	**14**	**B**	**14.9**	**J**	**11**	**B**	**42**	**B**	**443**		**9.8**	**JB**

Notes:

AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values
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NS - No Standard or Guidance Value
NA - Not Analyzed
B - Compound was found in the blank and sample.

U - Compound not detected at or above the instrument method detection limit (MDL).
J - Result is less than the Reporting Limit (RL) but greater than or equal to the MDL and the concentration is an approximate
F1 - MS and/or MSD Recovery is outside acceptable limits
^ - Instrument related QC is outside acceptance limits.
Detected concentrations and qualifiers shown in **bold** font.
Shaded cell indicates exceedance of the AWQS/GV.

Table 5
Groundwater Analytical Results Summary
Polychlorinated Biphenyls
34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028

Sample ID			MW-11		MW-11		MW-11		MW-11D		MW-11D		MW-11D		MW-12		MW-12		MW-12
Sampling Date			**2/14/17**		**5/22/18**		**8/27/19**		**2/14/17**		**5/22/18**		**8/27/19**		**2/15/17**		**5/25/18**		**8/27/19**
PCBs	CAS #	AWQS/GV Values																	
AROCLOR 1016	12674-11-2	NS	0.47	U	0.40	U	0.50	U	0.48	U	0.40	U	0.50	U	0.50	U	0.40	U	NA
AROCLOR 1221	11104-28-2	NS	0.47	U	0.40	U	0.50	U	0.48	U	0.40	U	0.50	U	0.50	U	0.40	U	NA
AROCLOR 1232	11141-16-5	NS	0.47	U	0.40	U	0.50	U	0.48	U	0.40	U	0.50	U	0.50	U	0.40	U	NA
AROCLOR 1242	53469-21-9	NS	0.47	U	0.40	U	0.50	U	0.48	U	0.40	U	0.50	U	0.50	U	0.40	U	NA
AROCLOR 1248	12672-29-6	NS	0.47	U	0.40	U	0.50	U	0.48	U	0.40	U	0.50	U	0.50	U	0.40	U	NA
AROCLOR 1254	11097-69-1	NS	0.47	U	0.40	U	0.50	U	0.48	U	0.40	U	0.50	U	0.50	U	0.40	U	NA
AROCLOR 1260	11096-82-5	NS	0.47	U	0.40	U	0.50	U	0.48	U	0.40	U	0.50	U	0.50	U	0.40	U	NA
Total Aroclors		0.09	ND		ND		ND		ND		ND		ND		ND		ND		NA

Notes:

AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values

Units are micrograms per liter (µg/L)

U - Compound not detected at or above the instrument method detection limit (MDL).

ND - No analytes detected greater than MDL

NS - No Standard or Guidance Value

NA - Not Analyzed

J - Result is less than the Reporting Limit (RL) but greater than or equal to the MDL and the concentration is an approximate value.

Detected concentrations and qualifiers shown in **bold** font. Shaded cell indicates exceedance of the AWQS/GV.

Table 5
Groundwater Analytical Results Summary
Polychlorinated Biphenyls
34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028

Sample ID			MW-15		MW-15		MW-15		MW-15D		MW-15D		MW-15D		MW-16		MW-16		MW-16	
Sampling Date			**2/13/17**		**5/22/18**		**8/29/19**		**2/13/17**		**5/24/18**		**8/27/19**		**2/14/17**		**5/24/18**		**8/27/19**	
PCBs	CAS #	AWQS/GV Values																		
AROCLOR 1016	12674-11-2	NS	0.46	U	0.40	U	0.50	U	0.48	U	0.40	U	0.50	U	0.48	U	0.40	U	0.50	U
AROCLOR 1221	11104-28-2	NS	0.46	U	0.40	U	0.50	U	0.48	U	0.40	U	0.50	U	0.48	U	0.40	U	0.50	U
AROCLOR 1232	11141-16-5	NS	0.46	U	0.40	U	0.50	U	0.48	U	0.40	U	0.50	U	0.48	U	0.40	U	0.50	U
AROCLOR 1242	53469-21-9	NS	0.46	U	0.40	U	0.50	U	0.48	U	0.40	U	0.50	U	0.48	U	0.40	U	0.50	U
AROCLOR 1248	12672-29-6	NS	**0.18**	**J**	0.40	U	0.50	U	**0.34**	**J**	0.40	U	0.50	U	**0.18**	**J**	0.40	U	0.50	U
AROCLOR 1254	11097-69-1	NS	0.46	U	0.40	U	0.50	U	**0.38**	**J**	0.40	U	0.50	U	0.48	U	0.40	U	0.50	U
AROCLOR 1260	11096-82-5	NS	0.46	U	0.40	U	0.50	U	0.48	U	0.40	U	0.50	U	0.48	U	0.40	U	0.50	U
Total Aroclors		0.09	**0.18**		ND		ND		**0.72**		ND		ND		**0.18**		ND		ND	

Notes:

AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values

Units are micrograms per liter (µg/L)

U - Compound not detected at or above the instrument method detection limit (MDL).

ND - No analytes detected greater than MDL

NS - No Standard or Guidance Value

NA - Not Analyzed

J - Result is less than the Reporting Limit (RL) but greater than or equal to the MDL and the concentration is an approximate value.

Detected concentrations and qualifiers shown in **bold** font. Shaded cell indicates exceedance of the AWQS/GV.

Table 5
Groundwater Analytical Results Summary
Polychlorinated Biphenyls
34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028

Sample ID			MW-16D		MW-16D		MW-16D		MW-18		MW-18		MW-18		MW-19	MW-19	MW-19	
Sampling Date			**2/14/17**		**5/22/18**		**8/28/19**		**2/14/17**		**5/24/18**		**8/29/19**		**2/13/17**	**5/22/18**	**8/29/19**	
PCBs	CAS #	AWQS/GV Values																
AROCLOR 1016	12674-11-2	NS	0.48	U	0.40	U	0.50	U	0.49	U	0.40	U	0.50	U	NA	NA	0.50	U
AROCLOR 1221	11104-28-2	NS	0.48	U	0.40	U	0.50	U	0.49	U	0.40	U	0.50	U	NA	NA	0.50	U
AROCLOR 1232	11141-16-5	NS	0.48	U	0.40	U	0.50	U	0.49	U	0.40	U	0.50	U	NA	NA	0.50	U
AROCLOR 1242	53469-21-9	NS	0.48	U	0.40	U	0.50	U	0.49	U	0.40	U	0.50	U	NA	NA	0.50	U
AROCLOR 1248	12672-29-6	NS	0.48	U	0.40	U	0.50	U	0.49	U	0.40	U	0.50	U	NA	NA	0.50	U
AROCLOR 1254	11097-69-1	NS	0.48	U	0.40	U	0.50	U	0.49	U	0.40	U	0.50	U	NA	NA	0.50	U
AROCLOR 1260	11096-82-5	NS	0.48	U	0.40	U	0.50	U	0.49	U	0.40	U	0.50	U	NA	NA	0.50	U
Total Aroclors		0.09	ND		ND		ND		ND		ND		ND		NA	NA	ND	

Notes:

AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values

Units are micrograms per liter (µg/L)

U - Compound not detected at or above the instrument method detection limit (MDL).

ND - No analytes detected greater than MDL

NS - No Standard or Guidance Value

NA - Not Analyzed

J - Result is less than the Reporting Limit (RL) but greater than or equal to the MDL and the concentration is an approximate value.

Detected concentrations and qualifiers shown in **bold** font. Shaded cell indicates exceedance of the AWQS/GV.

Table 5
Groundwater Analytical Results Summary
Polychlorinated Biphenyls
34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028

Sample ID			MW-19D		MW-19D		MW-19D		MW-20		MW-20		MW-20		MW-20D		MW-20D		MW-20D	
Sampling Date			**2/13/17**		**5/22/18**		**8/27/19**		**2/15/17**		**5/24/18**		**8/28/19**		**2/15/17**		**5/25/18**		**8/28/19**	
PCBs	CAS #	AWQS/GV Values																		
AROCLOR 1016	12674-11-2	NS	0.47	U	0.40	U	0.50	U	0.56	U	0.40	U	0.50	U	0.48	U	0.40	U	0.52	U
AROCLOR 1221	11104-28-2	NS	0.47	U	0.40	U	0.50	U	0.56	U	0.40	U	0.50	U	0.48	U	0.40	U	0.52	U
AROCLOR 1232	11141-16-5	NS	0.47	U	0.40	U	0.50	U	0.56	U	0.40	U	0.50	U	0.48	U	0.40	U	0.52	U
AROCLOR 1242	53469-21-9	NS	0.47	U	0.40	U	0.50	U	0.56	U	0.40	U	0.50	U	0.48	U	0.40	U	0.52	U
AROCLOR 1248	12672-29-6	NS	0.47	U	0.40	U	0.50	U	0.56	U	0.40	U	0.50	U	0.48	U	0.40	U	0.52	U
AROCLOR 1254	11097-69-1	NS	0.47	U	0.40	U	0.50	U	0.56	U	0.40	U	0.50	U	0.48	U	0.40	U	0.52	U
AROCLOR 1260	11096-82-5	NS	0.47	U	0.40	U	0.50	U	0.56	U	0.40	U	0.50	U	0.48	U	0.40	U	0.52	U
Total Aroclors		0.09	ND		ND		ND		ND		ND		ND		ND		ND		ND	

Notes:

AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values

Units are micrograms per liter (µg/L)

U - Compound not detected at or above the instrument method detection limit (MDL).

ND - No analytes detected greater than MDL

NS - No Standard or Guidance Value

NA - Not Analyzed

J - Result is less than the Reporting Limit (RL) but greater than or equal to the MDL and the concentration is an approximate value.

Detected concentrations and qualifiers shown in **bold** font. Shaded cell indicates exceedance of the AWQS/GV.

Table 5
Groundwater Analytical Results Summary
Polychlorinated Biphenyls
34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028

Sample ID			MW-21		MW-21		MW-21		MW-21D		MW-21D		MW-21D		MW-23		MW-23		MW-23	
Sampling Date			**2/16/17**		**5/23/18**		**8/28/19**		**2/16/17**		**5/23/18**		**8/28/19**		**2/14/17**		**5/23/18**		**8/28/19**	
PCBs	CAS #	AWQS/GV Values																		
AROCLOR 1016	12674-11-2	NS	0.51	U	0.40	U	0.50	U	0.48	U	0.40	U	0.50	U	0.51	U	0.40	U	0.50	U
AROCLOR 1221	11104-28-2	NS	0.51	U	0.40	U	0.50	U	0.48	U	0.40	U	0.50	U	0.51	U	0.40	U	0.50	U
AROCLOR 1232	11141-16-5	NS	0.51	U	0.40	U	0.50	U	0.48	U	0.40	U	0.50	U	0.51	U	0.40	U	0.50	U
AROCLOR 1242	53469-21-9	NS	0.51	U	0.40	U	0.50	U	0.48	U	0.40	U	0.50	U	0.51	U	0.40	U	0.50	U
AROCLOR 1248	12672-29-6	NS	0.51	U	0.40	U	0.50	U	0.48	U	0.40	U	0.50	U	0.51	U	0.40	U	0.50	U
AROCLOR 1254	11097-69-1	NS	0.51	U	0.40	U	0.50	U	0.48	U	0.40	U	0.50	U	0.51	U	0.40	U	0.50	U
AROCLOR 1260	11096-82-5	NS	0.51	U	0.40	U	0.50	U	0.48	U	0.40	U	0.50	U	0.51	U	0.40	U	0.50	U
Total Aroclors		0.09	ND		ND		ND		ND		ND		ND		ND		ND		ND	

Notes:

AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values

Units are micrograms per liter (µg/L)

U - Compound not detected at or above the instrument method detection limit (MDL).

ND - No analytes detected greater than MDL

NS - No Standard or Guidance Value

NA - Not Analyzed

J - Result is less than the Reporting Limit (RL) but greater than or equal to the MDL and the concentration is an approximate value.

Detected concentrations and qualifiers shown in **bold** font. Shaded cell indicates exceedance of the AWQS/GV.

Table 5
Groundwater Analytical Results Summary
Polychlorinated Biphenyls
34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028

Sample ID			MW-23D		MW-23D		MW-23D		MW-30		MW-30		MW-30		MW-31		MW-31		MW-31	
Sampling Date			**2/14/17**		**5/23/18**		**8/28/19**		**2/16/17**		**5/24/18**		**8/27/19**		**2/15/17**		**5/25/18**		**8/28/19**	
PCBs	CAS #	AWQS/GV Values																		
AROCLOR 1016	12674-11-2	NS	0.50	U	0.40	U	0.50	U	0.50	U	0.40	U	0.50	U	0.48	U	0.40	U	0.50	U
AROCLOR 1221	11104-28-2	NS	0.50	U	0.40	U	0.50	U	0.50	U	0.40	U	0.50	U	0.48	U	0.40	U	0.50	U
AROCLOR 1232	11141-16-5	NS	0.50	U	0.40	U	0.50	U	0.50	U	0.40	U	0.50	U	0.48	U	0.40	U	0.50	U
AROCLOR 1242	53469-21-9	NS	0.50	U	0.40	U	0.50	U	0.50	U	0.40	U	0.50	U	0.48	U	0.40	U	0.50	U
AROCLOR 1248	12672-29-6	NS	0.50	U	0.40	U	0.50	U	0.50	U	0.40	U	0.50	U	0.48	U	0.40	U	0.50	U
AROCLOR 1254	11097-69-1	NS	0.50	U	0.40	U	0.50	U	0.50	U	0.40	U	0.50	U	0.48	U	0.40	U	0.50	U
AROCLOR 1260	11096-82-5	NS	0.50	U	0.40	U	0.50	U	0.50	U	0.40	U	0.50	U	0.48	U	0.40	U	0.50	U
Total Aroclors		0.09	ND		ND		ND		ND		ND		ND		ND		ND		ND	

Notes:

AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values

Units are micrograms per liter (µg/L)

U - Compound not detected at or above the instrument method detection limit (MDL).

ND - No analytes detected greater than MDL

NS - No Standard or Guidance Value

NA - Not Analyzed

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Detected concentrations and qualifiers shown in **bold** font. Shaded cell indicates exceedance of the AWQS/GV.

Table 5
Groundwater Analytical Results Summary
Polychlorinated Biphenyls
34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028

Sample ID			MW-32		MW-32		MW-32		MW-33		MW-33		MW-33	
Sampling Date			2/15/17		5/23/18		8/29/19		2/15/17		5/24/18		8/27/2019	
PCBs	CAS #	AWQS/GV Values												
AROCLOR 1016	12674-11-2	NS	0.53	U	0.40	U	0.50	U	0.53	U	0.40	U	0.50	U
AROCLOR 1221	11104-28-2	NS	0.53	U	0.40	U	0.50	U	0.53	U	0.40	U	0.50	U
AROCLOR 1232	11141-16-5	NS	0.53	U	0.40	U	0.50	U	0.53	U	0.40	U	0.50	U
AROCLOR 1242	53469-21-9	NS	0.53	U	0.40	U	0.50	U	0.53	U	0.40	U	0.50	U
AROCLOR 1248	12672-29-6	NS	0.53	U	0.40	U	0.50	U	0.53	U	0.40	U	0.50	U
AROCLOR 1254	11097-69-1	NS	0.53	U	0.40	U	0.50	U	0.53	U	0.40	U	0.50	U
AROCLOR 1260	11096-82-5	NS	0.53	U	0.40	U	0.50	U	0.53	U	0.40	U	0.50	U
Total Aroclors		0.09	ND		ND		ND		ND		ND		ND	

Notes:

AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values

Units are micrograms per liter (µg/L)

U - Compound not detected at or above the instrument method detection limit (MDL).

ND - No analytes detected greater than MDL

NS - No Standard or Guidance Value

NA - Not Analyzed

J - Result is less than the Reporting Limit (RL) but greater than or equal to the MDL and the concentration is an approximate value.

Detected concentrations and qualifiers shown in **bold** font. Shaded cell indicates exceedance of the AWQS/GV.

Table 6
Groundwater Analytical Results Summary
Pesticides
34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028

Sample ID			MW-11		MW-11		MW-11		MW-11D		MW-11D		MW-11D		MW-12		MW-12		MW-12
Sampling Date			2/14/17		5/22/18		8/27/19		2/14/17		5/22/18		8/27/19		2/15/17		5/25/18		8/27/19
PESTICIDES	CAS #	AWQS/GV Values																	
4,4'-DDD	72-54-8	0.3	0.046	U	0.020	U	0.050	U	0.049	U	0.020	U	0.520	U	0.047	U	0.020	U	NA
4,4'-DDE	72-55-9	0.2	0.046	U	0.020	U	0.050	U	0.049	U	0.020	U	0.520	U	0.047	U	0.020	U	NA
4,4'-DDT	50-29-3	0.2	0.046	U	0.020	U	0.050	U	0.049	U	0.020	U	0.520	U	0.047	U	0.020	U	NA
ALDRIN	309-00-2	ND	0.046	U	0.020	U	0.050	U	0.049	U	0.020	U	0.520	U	0.047	U*	0.020	U	NA
ALPHA ENDOSULFAN	959-98-8	NS	0.046	U	0.020	U	0.050	U	0.049	U	0.020	U	0.520	U	0.047	U	0.020	U	NA
ALPHA-BHC	319-84-6	0.01	0.046	U	0.020	U	**0.012**	**JH**	0.049	U	0.020	U	**0.0093**	**JH**	0.047	U	0.020	U	NA
ALPHA-CHLORDANE (cis-Chlordane)	5103-71-9	0.5	0.046	U	0.020	U	0.050	U	0.049	U	0.020	U	0.520	U	0.047	U	0.020	U	NA
BETA-BHC	319-85-7	0.04	0.046	U	0.020	U	0.050	U	0.049	U	0.020	U	0.520	U	0.047	U	0.020	U	NA
BETA-ENDOSULFAN	33213-65-9	NS	0.046	U	0.020	U	0.050	U	0.049	U	0.020	U	0.520	U	0.047	U	0.020	U	NA
DELTA-BHC	319-86-8	0.04	0.046	U	0.020	U	0.050	U	0.049	U	0.020	U	**0.01**	**JHB**	0.047	U	0.020	U	NA
DIELDRIN	60-57-1	0.004	0.046	U	0.020	U	0.050	U	0.049	U	0.020	U	0.520	U	0.047	U	0.020	U	NA
ENDOSULFAN SULFATE	1031-07-8	NS	0.046	U	0.020	U	0.050	U	0.049	U	0.020	U	0.520	U	0.047	U	0.020	U	NA
ENDRIN	72-20-8	NS	0.046	U	0.020	U	0.050	U	0.049	U	0.020	U	0.520	U	0.047	U	0.020	U	NA
ENDRIN ALDEHYDE	7421-93-4	5	0.046	U	0.020	U	0.050	U	0.049	U	0.020	U	0.520	U	0.047	U	0.020	U	NA
ENDRIN KETONE	53494-70-5	5	0.046	U	0.020	U	0.050	U	0.049	U	0.020	U	0.520	U	0.047	U	0.020	U	NA
GAMMA-BHC	58-89-9	0.05	0.046	U	0.020	U	**0.010**	**JH**	0.049	U	0.020	U	0.520	U	0.047	U	0.020	U	NA
GAMMA-CHLORDANE (trans-Chlordane)	12789-03-6	0.5	0.046	U	0.020	U	0.050	U	0.049	U	0.020	U	0.520	U	0.047	U	0.020	U	NA
HEPTACHLOR	76-44-8	0.04	0.046	U	0.020	U	0.050	U	0.049	U	0.020	U	0.520	U	0.047	U	0.020	U	NA
HEPTACHLOR EPOXIDE	1024-57-3	0.03	0.046	U	0.020	U	0.050	U	0.049	U	0.020	U	0.520	U	0.047	U	0.020	U	NA
METHOXYCHLOR	72-43-5	35	0.046	U	0.020	U	0.050	U	0.049	U	0.020	U	0.520	U	0.047	U	0.020	U	NA
TOXAPHENE	8001-35-2	0.06	0.46	U	0.50	U	0.500	U	0.49	U	0.50	U	0.520	U	0.47	U	0.50	U	NA
Total Pesticides			ND		ND		**0.022**		ND		ND		**0.0193**		ND		ND		NA

Notes:

AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values

Units are micrograms per liter (µg/L)

NS - No Standard or Guidance Value

NA - Not Analyzed

U - Compound not detected at or above the instrument method detection limit (MDL).

ND - No analytes detected greater than MDL

Detected concentrations and qualifiers shown in **bold** font. Shaded cell indicates exceedance of the AWQS/GV.

J - Result is less than the Reporting Limit (RL) but greater than or equal to the MDL and the concentration is an approximate value.

H - Sample was prepped or analyzed beyond the specified holding time.

B - Compound was found in the blank and sample.

* - LCS or LCSD is outside acceptance limits/ISTD response or retention time outside acceptance limits.

F1 - MS and/or MSD Recovery is outside acceptance limits.

F2 - MS/MSD RPD exceeds control limits.

p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Table 6
Groundwater Analytical Results Summary
Pesticides
34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028

Sample ID			MW-15		MW-15		MW-15		MW-15D		MW-15D		MW-15D		MW-16		MW-16		MW-16	
Sampling Date			**2/13/17**		**5/22/18**		**8/29/19**		**2/13/17**		**5/24/18**		**8/27/19**		**2/14/17**		**5/24/18**		**8/27/19**	
PESTICIDES	CAS #	AWQS/GV Values																		
4,4'-DDD	72-54-8	0.3	0.049	U	0.020	U	**0.018**	**J**	0.100	U	0.020	U	**0.011**	**JH**	0.047	U	0.020	U	0.050	U
4,4'-DDE	72-55-9	0.2	0.049	U	0.020	U	**0.012**	**JB**	0.100	U	0.020	U	0.050	U	0.047	U	0.020	U	0.050	U
4,4'-DDT	50-29-3	0.2	0.049	U	0.020	U	0.050	U	0.100	U	0.020	U	0.050	U	0.047	U	0.020	U	0.050	U
ALDRIN	309-00-2	ND	0.049	U	0.020	U	0.050	U	0.100	U	0.020	U	0.050	U	0.047	U	0.020	U	0.050	U
ALPHA ENDOSULFAN	959-98-8	NS	0.049	U	0.020	U	0.050	U	0.100	U	0.020	U	0.050	U	0.047	U	0.020	U	0.050	U
ALPHA-BHC	319-84-6	0.01	0.049	U	0.020	U	**0.011**	**J**	**0.020**	**J**	0.020	U	**0.0097**	**JH**	0.047	U	0.020	U	**0.012**	**JH**
ALPHA-CHLORDANE (cis-Chlordane)	5103-71-9	0.5	0.049	U	0.020	U	0.050	U	0.100	U	0.020	U	0.050	U	0.047	U	0.020	U	0.050	U
BETA-BHC	319-85-7	0.04	0.049	U	0.020	U	0.050	U	0.100	U	0.020	U	0.050	U	0.047	U	0.020	U	0.050	U
BETA-ENDOSULFAN	33213-65-9	NS	0.049	U	0.020	U	0.050	U	0.100	U	0.020	U	0.050	U	0.047	U	0.020	U	0.050	U
DELTA-BHC	319-86-8	0.04	0.049	U	0.020	U	**0.011**	**JB**	0.100	U	0.020	U	**0.011**	**JHB**	0.047	U	0.020	U,F1	**0.016**	**JHB**
DIELDRIN	60-57-1	0.004	0.049	U	0.020	U	**0.011**	**J**	0.100	U	0.020	U	0.050	U	0.047	U	0.020	U	0.050	U
ENDOSULFAN SULFATE	1031-07-8	NS	0.049	U	0.020	U	0.050	U	0.100	U	0.020	U	0.050	U	0.047	U	0.020	U,F1	0.050	U
ENDRIN	72-20-8	NS	0.049	U	0.020	U	0.050	U	0.100	U	0.020	U	0.050	U	0.047	U	0.020	U	0.050	U
ENDRIN ALDEHYDE	7421-93-4	5	0.049	U	0.020	U	0.050	U	0.100	U	0.020	U	0.050	U	0.047	U	0.020	U	0.050	U
ENDRIN KETONE	53494-70-5	5	0.049	U	0.020	U	0.050	U	0.100	U	0.020	U	**0.018**	**JH**	0.047	U	0.020	U,F1	0.050	U
GAMMA-BHC	58-89-9	0.05	0.049	U	0.020	U	**0.012**	**J**	0.100	U	0.020	U	**0.0088**	**JH**	**0.014**	**J**	0.020	U	0.050	U
GAMMA-CHLORDANE (trans-Chlordane)	12789-03-6	0.5	0.049	U	0.020	U	**0.020**	**J**	0.100	U	0.020	U	0.050	U	0.047	U	0.020	U	0.050	U
HEPTACHLOR	76-44-8	0.04	0.049	U	0.020	U	0.050	U	0.100	U	0.020	U	0.050	U	0.047	U	0.020	U	0.050	U
HEPTACHLOR EPOXIDE	1024-57-3	0.03	0.049	U	0.020	U	0.050	U	0.100	U	0.020	U	0.050	U	0.047	U	0.020	U	0.050	U
METHOXYCHLOR	72-43-5	35	0.049	U	0.020	U	0.050	U	0.100	U	0.020	U	0.050	U	0.047	U	0.020	U,F1	0.050	U
TOXAPHENE	8001-35-2	0.06	0.49	U	0.50	U	0.500	U	1.00	U	0.50	U	0.500	U	0.47	U	0.50	U	0.500	U
Total Pesticides			ND		ND		**0.095**		**0.020**		ND		**0.0585**		**0.014**		ND		**0.028**	

Notes:

AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values

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NS - No Standard or Guidance Value

NA - Not Analyzed

U - Compound not detected at or above the instrument method detection limit (MDL).

ND - No analytes detected greater than MDL

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H - Sample was prepped or analyzed beyond the specified holding time.

B - Compound was found in the blank and sample.

* - LCS or LCSD is outside acceptance limits/ISTD response or retention time outside acceptance limits.

F1 - MS and/or MSD Recovery is outside acceptance limits.

F2 - MS/MSD RPD exceeds control limits.

p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Table 6
Groundwater Analytical Results Summary
Pesticides
34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028

Sample ID			MW-16D		MW-16D		MW-16D		MW-18		MW-18		MW-18		MW-19	MW-19	MW-19	
Sampling Date			2/14/17		5/22/18		8/28/19		2/14/17		5/24/18		8/29/19		2/15/17	5/22/18	8/29/19	
PESTICIDES	CAS #	AWQS/GV Values																
4,4'-DDD	72-54-8	0.3	0.049	U	0.020	U	0.050	U	0.049	U	0.020	U	0.050	U	NA	NA	0.050	U
4,4'-DDE	72-55-9	0.2	0.049	U	0.020	U	0.050	U	0.049	U	0.020	U	0.050	U	NA	NA	0.050	U
4,4'-DDT	50-29-3	0.2	0.049	U	0.020	U	0.050	U	0.049	U	0.020	U	0.050	U	NA	NA	0.050	U
ALDRIN	309-00-2	ND	0.049	U	0.020	U	0.050	U	0.049	U	0.020	U	0.050	U	NA	NA	0.050	U
ALPHA ENDOSULFAN	959-98-8	NS	0.049	U	0.020	U	0.050	U	0.049	U	0.020	U	0.050	U	NA	NA	0.050	U
ALPHA-BHC	319-84-6	0.01	0.049	U	0.020	U	**0.0094**	**J**	0.049	U	0.020	U	**0.010**	**J**	NA	NA	0.050	U
ALPHA-CHLORDANE (cis-Chlordane)	5103-71-9	0.5	0.049	U	0.020	U	0.050	U	0.049	U	0.020	U	0.050	U	NA	NA	0.050	U
BETA-BHC	319-85-7	0.04	0.049	U	0.020	U	0.050	U	0.049	U	0.020	U	0.050	U	NA	NA	0.050	U
BETA-ENDOSULFAN	33213-65-9	NS	0.049	U	0.020	U	0.050	U	0.049	U	0.020	U	0.050	U	NA	NA	0.050	U
DELTA-BHC	319-86-8	0.04	0.049	U	0.020	U	**0.013**	**JB**	0.049	U	0.020	U	0.050	U	NA	NA	**0.016**	**JB**
DIELDRIN	60-57-1	0.004	0.049	U	0.020	U	0.050	U	0.049	U	0.020	U	0.050	U	NA	NA	0.050	U
ENDOSULFAN SULFATE	1031-07-8	NS	0.049	U	0.020	U	0.050	U	0.049	U	0.020	U	0.050	U	NA	NA	**0.017**	**J**
ENDRIN	72-20-8	NS	0.049	U	0.020	U	0.050	U	0.049	U	0.020	U	0.050	U	NA	NA	0.050	U
ENDRIN ALDEHYDE	7421-93-4	5	0.049	U	0.020	U	0.050	U	0.049	U	0.020	U	0.050	U	NA	NA	0.050	U
ENDRIN KETONE	53494-70-5	5	0.049	U	0.020	U	0.050	U	0.049	U	0.020	U	0.050	U	NA	NA	0.050	U
GAMMA-BHC	58-89-9	0.05	0.049	U	0.020	U	0.050	U	0.049	U	0.020	U	0.050	U	NA	NA	0.050	U
GAMMA-CHLORDANE (trans-Chlordane)	12789-03-6	0.5	0.049	U	0.020	U	0.050	U	0.049	U	0.020	U	0.050	U	NA	NA	0.050	U
HEPTACHLOR	76-44-8	0.04	0.049	U	0.020	U	0.050	U	0.049	U	0.020	U	0.050	U	NA	NA	**0.011**	**J**
HEPTACHLOR EPOXIDE	1024-57-3	0.03	0.049	U	0.020	U	0.050	U	0.049	U	0.020	U	0.050	U	NA	NA	0.050	U
METHOXYCHLOR	72-43-5	35	0.049	U	0.020	U	0.050	U	0.049	U	0.020	U	0.050	U	NA	NA	0.050	U
TOXAPHENE	8001-35-2	0.06	0.49	U	0.50	U	0.500	U	0.49	U	0.50	U	0.500	U	NA	NA	0.500	U
Total Pesticides			ND		ND		**0.022**		ND		ND		**0.010**		NA	NA	**0.044**	

Notes:

AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values

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ND - No analytes detected greater than MDL

Detected concentrations and qualifiers shown in **bold** font. Shaded cell indicates exceedance of the AWQS/GV.

J - Result is less than the Reporting Limit (RL) but greater than or equal to the MDL and the concentration is an approximate value.

H - Sample was prepped or analyzed beyond the specified holding time.

B - Compound was found in the blank and sample.

* - LCS or LCSD is outside acceptance limits/ISTD response or retention time outside acceptance limits.

F1 - MS and/or MSD Recovery is outside acceptance limits.

F2 - MS/MSD RPD exceeds control limits.

p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Table 6
Groundwater Analytical Results Summary
Pesticides
34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028

Sample ID			MW-19D		MW-19D		MW-19D		MW-20		MW-20		MW-20		MW-20D		MW-20D		MW-20D	
Sampling Date			2/13/17		5/22/18		8/27/19		2/15/17		5/24/18		8/28/19		2/15/17		5/25/18		8/28/19	
PESTICIDES	CAS #	AWQS/GV Values																		
4,4'-DDD	72-54-8	0.3	0.048	U	0.020	U	0.050	U	0.560	U	0.040	U	**0.16**	**J**	0.050	U	0.020	U	0.050	U
4,4'-DDE	72-55-9	0.2	0.048	U	0.020	U	0.050	U	0.560	U	0.040	U	**0.17**	**J**	0.050	U	0.020	U	0.050	U
4,4'-DDT	50-29-3	0.2	0.048	U	**0.014**	**J**	0.050	U	0.560	U	0.040	U	0.050	U	0.050	U	0.020	U	0.050	U
ALDRIN	309-00-2	ND	0.048	U	0.020	U	0.050	U	0.560	U*	0.040	U	**0.19**	**J**	0.050	U*	0.020	U	0.050	U
ALPHA ENDOSULFAN	959-98-8	NS	0.048	U	0.020	U	0.050	U	0.560	U	0.040	U	0.050	U	0.050	U	0.020	U	0.050	U
ALPHA-BHC	319-84-6	0.01	0.048	U	0.020	U	**0.0097**	**JH**	0.560	U	0.040	U	**0.38**	**J**	0.050	U	0.020	U	**0.0091**	**J**
ALPHA-CHLORDANE (cis-Chlordane)	5103-71-9	0.5	0.048	U	**0.029**	**p**	0.050	U	0.560	U	0.040	U	0.050	U	0.050	U	0.020	U	0.050	U
BETA-BHC	319-85-7	0.04	0.048	U	0.020	U	0.050	U	0.560	U	0.040	U	0.050	U	0.050	U	0.020	U	0.050	U
BETA-ENDOSULFAN	33213-65-9	NS	0.048	U	0.020	U	0.050	U	0.560	U	0.040	U	0.050	U	0.050	U	0.020	U	0.050	U
DELTA-BHC	319-86-8	0.04	0.048	U	0.020	U	**0.016**	**JHB**	0.560	U	**0.081**		0.050	U	0.050	U	0.020	U	0.050	U
DIELDRIN	60-57-1	0.004	0.048	U	0.020	U	0.050	U	0.560	U	0.040	U	0.050	U	0.050	U	0.020	U	0.050	U
ENDOSULFAN SULFATE	1031-07-8	NS	0.048	U	0.020	U	0.050	U	0.560	U	0.040	U	0.050	U	0.050	U	0.020	U	0.050	U
ENDRIN	72-20-8	NS	0.048	U	0.020	U	0.050	U	0.560	U	0.040	U	0.050	U	0.050	U	0.020	U	0.050	U
ENDRIN ALDEHYDE	7421-93-4	5	0.048	U	0.020	U	0.050	U	0.560	U	0.040	U	0.050	U	0.050	U	0.020	U	0.050	U
ENDRIN KETONE	53494-70-5	5	0.048	U	0.020	U	0.050	U	0.560	U	0.040	U	0.050	U	0.050	U	0.020	U	0.050	U
GAMMA-BHC	58-89-9	0.05	0.048	U	0.020	U	0.050	U	0.560	U	0.040	U	0.050	U	0.050	U	0.020	U	0.050	U
GAMMA-CHLORDANE (trans-Chlordane)	12789-03-6	0.5	0.048	U	**0.028**	**p**	0.050	U	0.560	U	0.040	U	0.050	U	0.050	U	0.020	U	0.050	U
HEPTACHLOR	76-44-8	0.04	0.048	U	0.020	U	0.050	U	0.560	U	0.040	U	0.050	U	0.050	U	0.020	U	0.050	U
HEPTACHLOR EPOXIDE	1024-57-3	0.03	0.048	U	0.020	U	0.050	U	0.560	U	0.040	U	0.050	U	0.050	U	0.020	U	0.050	U
METHOXYCHLOR	72-43-5	35	0.048	U	0.020	U	0.050	U	0.560	U	0.040	U	0.050	U	0.050	U	0.020	U	0.050	U
TOXAPHENE	8001-35-2	0.06	0.48	U	0.05	U	0.500	U	5.6	U	1.0	U	0.500	U	0.50	U	0.50	U	0.500	U
Total Pesticides			ND		**0.071**		**0.0257**		ND		**0.081**		**0.90**		ND		ND		**0.0091**	

Notes:

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B - Compound was found in the blank and sample.

* - LCS or LCSD is outside acceptance limits/ISTD response or retention time outside acceptance limits.

F1 - MS and/or MSD Recovery is outside acceptance limits.

F2 - MS/MSD RPD exceeds control limits.

p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Table 6
Groundwater Analytical Results Summary
Pesticides
34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028

Sample ID			MW-21		MW-21		MW-21		MW-21D		MW-21D		MW-21D		MW-23		MW-23		MW-23	
Sampling Date			**2/16/17**		**5/23/18**		**8/28/19**		**2/16/17**		**5/23/18**		**8/28/19**		**2/14/17**		**5/23/18**		**8/28/19**	
PESTICIDES	CAS #	AWQS/GV Values																		
4,4'-DDD	72-54-8	0.3	0.047	U	0.020	U	0.050	U	0.054	U	0.020	U	0.050	U	0.050	U	0.020	U	0.050	U
4,4'-DDE	72-55-9	0.2	0.047	U	0.020	U	0.050	U	0.054	U	0.020	U	0.050	U	0.050	U	0.020	U	0.050	U
4,4'-DDT	50-29-3	0.2	0.047	U*	0.020	U	0.050	U	0.054	U*	0.020	U	**0.013**	**J**	0.050	U	0.020	U	0.050	U
ALDRIN	309-00-2	ND	0.047	U	0.020	U	0.050	U	0.054	U	0.020	U	0.050	U	0.050	U	0.020	U	0.050	U
ALPHA ENDOSULFAN	959-98-8	NS	0.047	U	0.020	U	0.050	U	0.054	U	0.020	U	0.050	U	0.050	U	0.020	U	0.050	U
ALPHA-BHC	319-84-6	0.01	0.047	U	0.020	U	**0.011**	**J**	0.054	U	0.020	U	**0.011**	**J**	0.050	U	0.020	U	0.050	U
ALPHA-CHLORDANE (cis-Chlordane)	5103-71-9	0.5	0.047	U	0.020	U	0.050	U	0.054	U	0.020	U	0.050	U	0.050	U	0.020	U	0.050	U
BETA-BHC	319-85-7	0.04	0.047	U	0.020	U	0.050	U	0.054	U	0.020	U	0.050	U	0.050	U	0.020	U	0.050	U
BETA-ENDOSULFAN	33213-65-9	NS	0.047	U	0.020	U	0.050	U	0.054	U	0.020	U	0.050	U	0.050	U	0.020	U	0.050	U
DELTA-BHC	319-86-8	0.04	0.047	U	0.020	U	0.050	U	0.054	U	0.020	U	0.050	U	0.050	U	0.020	U	**0.013**	**JB**
DIELDRIN	60-57-1	0.004	0.047	U	0.020	U	0.050	U	0.054	U	0.020	U	0.050	U	0.050	U	0.020	U	0.050	U
ENDOSULFAN SULFATE	1031-07-8	NS	0.047	U	0.020	U	0.050	U	0.054	U	0.020	U	0.050	U	0.050	U	0.020	U	0.050	U
ENDRIN	72-20-8	NS	0.047	U	0.020	U	0.050	U	0.054	U	0.020	U	0.050	U	0.050	U	0.020	U	0.050	U
ENDRIN ALDEHYDE	7421-93-4	5	0.047	U	0.020	U	0.050	U	0.054	U	0.020	U	**0.052**	**B**	0.050	U	0.020	U	0.050	U
ENDRIN KETONE	53494-70-5	5	0.047	U	0.020	U	0.050	U	0.054	U	0.020	U	0.050	U	0.050	U	0.020	U	0.050	U
GAMMA-BHC	58-89-9	0.05	0.047	U	0.020	U	0.050	U	0.054	U	0.020	U	0.050	U	0.050	U	0.020	U	**0.0096**	**J**
GAMMA-CHLORDANE (trans-Chlordane)	12789-03-6	0.5	0.047	U	0.020	U	0.050	U	0.054	U	0.020	U	0.050	U	0.050	U	0.020	U	**0.023**	**J**
HEPTACHLOR	76-44-8	0.04	0.047	U	0.020	U	0.050	U	0.054	U	0.020	U	0.050	U	0.050	U	0.020	U	0.050	U
HEPTACHLOR EPOXIDE	1024-57-3	0.03	0.047	U	0.020	U	0.050	U	0.054	U	0.020	U	0.050	U	0.050	U	0.020	U	0.050	U
METHOXYCHLOR	72-43-5	35	0.047	U*	0.020	U*	0.050	U	0.054	U*	0.020	U*	0.050	U	0.050	U	0.020	U	0.050	U
TOXAPHENE	8001-35-2	0.06	0.47	U	0.50	U	0.500	U	0.54	U	0.50	U	0.500	U	0.50	U	0.50	U	0.500	U
Total Pesticides			ND		ND		**0.011**		ND		ND		**0.076**		ND		ND		**0.046**	

Notes:

AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values

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Groundwater Analytical Results Summary
Pesticides
34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028

Sample ID			MW-23D		MW-23D		MW-23D		MW-30		MW-30		MW-30		MW-31		MW-31		MW-31	
Sampling Date			2/14/17		5/23/18		8/28/19		2/16/17		5/24/18		8/27/19		2/15/17		5/25/18		8/28/19	
PESTICIDES	CAS #	AWQS/GV Values																		
4,4'-DDD	72-54-8	0.3	0.049	U	0.020	U	0.050	U	0.047	U	0.020	U	0.050	U	0.049	U	0.020	U	0.052	
4,4'-DDE	72-55-9	0.2	0.049	U	0.020	U	0.050	U	0.047	U	0.020	U	0.050	U	0.049	U	0.020	U	**0.019**	**JB**
4,4'-DDT	50-29-3	0.2	0.049	U	0.020	U	0.050	U	0.047	U*	0.020	U	0.050	U	0.049	U	0.020	U	0.052	
ALDRIN	309-00-2	ND	0.049	U	0.020	U	0.050	U	0.047	U	0.020	U	0.050	U	0.049	U*	0.020	U	0.052	
ALPHA ENDOSULFAN	959-98-8	NS	0.049	U	0.020	U	0.050	U	0.047	U	0.020	U	0.050	U	0.049	U	0.020	U	0.052	
ALPHA-BHC	319-84-6	0.01	0.049	U	0.020	U	**0.010**	**J**	0.047	U	0.020	U	**0.0084**	**JH**	**0.0083**	**J**	0.020	U	0.052	
ALPHA-CHLORDANE (cis-Chlordane)	5103-71-9	0.5	0.049	U	0.020	U	0.050	U	0.047	U	0.020	U	0.050	U	0.049	U	0.020	U	0.052	
BETA-BHC	319-85-7	0.04	0.049	U	0.020	U	0.050	U	0.047	U	0.020	U	0.050	U	0.049	U	0.020	U	0.052	
BETA-ENDOSULFAN	33213-65-9	NS	0.049	U	0.020	U	0.050	U	0.047	U	0.020	U	0.050	U	0.049	U	0.020	U	0.052	
DELTA-BHC	319-86-8	0.04	0.049	U	0.020	U	**0.013**	**JB**	0.047	U	0.020	U	**0.010**	**JHB**	0.049	U	0.020	U	0.052	
DIELDRIN	60-57-1	0.004	0.049	U	0.020	U	0.050	U	0.047	U	0.020	U	0.050	U	0.049	U	0.020	U	0.052	
ENDOSULFAN SULFATE	1031-07-8	NS	0.049	U	0.020	U	0.050	U	0.047	U	0.020	U	0.050	U	0.049	U	0.020	U	**0.017**	**J**
ENDRIN	72-20-8	NS	0.049	U	0.020	U	0.050	U	0.047	U	0.020	U	0.050	U	0.049	U	0.020	U	0.052	
ENDRIN ALDEHYDE	7421-93-4	5	0.049	U	0.020	U	0.050	U	0.047	U	0.020	U	0.050	U	0.049	U	0.020	U	0.052	
ENDRIN KETONE	53494-70-5	5	0.049	U	0.020	U	0.050	U	0.047	U	0.020	U	0.050	U	0.049	U	0.020	U	0.052	
GAMMA-BHC	58-89-9	0.05	**0.012**	**J**	0.020	U	0.050	U	0.047	U	0.020	U	0.050	U	0.049	U	0.020	U	0.052	
GAMMA-CHLORDANE (trans-Chlordane)	12789-03-6	0.5	0.049	U	0.020	U	0.050	U	0.047	U,F1,F2	0.020	U	0.050	U	0.049	U	0.020	U	0.052	
HEPTACHLOR	76-44-8	0.04	0.049	U	0.020	U	0.050	U	0.047	U	0.020	U	0.050	U	0.049	U	0.020	U	0.052	
HEPTACHLOR EPOXIDE	1024-57-3	0.03	0.049	U	0.020	U	0.050	U	0.047	U	0.020	U	0.050	U	0.049	U	0.020	U	0.052	
METHOXYCHLOR	72-43-5	35	0.049	U	0.020	U*	0.050	U	0.047	U,F1*	0.020	U	0.050	U	0.049	U	0.020	U	0.052	
TOXAPHENE	8001-35-2	0.06	0.49	U	0.50	U	0.500	U	0.47	U	0.50	U	0.500	U	0.49	U	0.50	U	0.520	
Total Pesticides			**0.012**		ND		**0.023**		ND		ND		**0.0184**		**0.0083**		ND		**0.036**	

Notes:

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p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Table 6
Groundwater Analytical Results Summary
Pesticides
34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028

Sample ID			MW-32		MW-32		MW-32		MW-33		MW-33		MW-33	
Sampling Date			2/15/17		5/23/18		8/29/19		2/15/17		5/24/18		8/27/19	
PESTICIDES	CAS #	AWQS/GV Values												
4,4'-DDD	72-54-8	0.3	0.049	U	0.020	U	0.050	U	0.050	U	0.020	U	0.050	U
4,4'-DDE	72-55-9	0.2	0.049	U	0.020	U	**0.031**	**JB**	0.050	U	0.020	U	**0.012**	**JHB**
4,4'-DDT	50-29-3	0.2	0.049	U	0.020	U	0.050	U	0.050	U	0.020	U	0.050	U
ALDRIN	309-00-2	ND	0.049	U*	0.020	U	0.050	U	0.050	U	0.020	U	0.050	U
ALPHA ENDOSULFAN	959-98-8	NS	0.049	U	0.020	U	0.050	U	0.050	U*	0.020	U	0.050	U
ALPHA-BHC	319-84-6	0.01	0.049	U	0.020	U	0.050	U	0.050	U	0.020	U	0.050	U
ALPHA-CHLORDANE (cis-Chlordane)	5103-71-9	0.5	0.049	U	0.020	U	0.050	U	0.050	U	0.020	U	0.050	U
BETA-BHC	319-85-7	0.04	0.049	U	0.020	U	0.050	U	0.050	U	0.020	U	0.050	U
BETA-ENDOSULFAN	33213-65-9	NS	0.049	U	0.020	U	0.050	U	0.050	U	0.020	U	0.050	U
DELTA-BHC	319-86-8	0.04	0.049	U	0.020	U	**0.042**	**JB**	0.050	U	0.020	U	0.050	U
DIELDRIN	60-57-1	0.004	0.049	U	0.020	U	0.050	U	0.050	U	0.020	U	0.050	U
ENDOSULFAN SULFATE	1031-07-8	NS	0.049	U	0.020	U	0.050	U	0.050	U	0.020	U	0.050	U
ENDRIN	72-20-8	NS	0.049	U	0.020	U	0.050	U	0.050	U	0.020	U	0.050	U
ENDRIN ALDEHYDE	7421-93-4	5	0.049	U	0.020	U	0.050	U	0.050	U	0.020	U	0.050	U
ENDRIN KETONE	53494-70-5	5	0.049	U	0.020	U	0.050	U	0.050	U	0.020	U	0.050	U
GAMMA-BHC	58-89-9	0.05	0.049	U	0.020	U	0.050	U	0.050	U	0.020	U	0.050	U
GAMMA-CHLORDANE (trans-Chlordane)	12789-03-6	0.5	0.049	U	0.020	U	0.050	U	0.050	U	0.020	U	0.050	U
HEPTACHLOR	76-44-8	0.04	0.049	U	0.020	U	0.050	U	0.050	U	0.020	U	0.050	U
HEPTACHLOR EPOXIDE	1024-57-3	0.03	0.049	U	0.020	U	0.050	U	0.050	U	0.020	U	0.050	U
METHOXYCHLOR	72-43-5	35	0.049	U	0.020	U*	0.050	U	0.050	U	0.020	U	0.050	U
TOXAPHENE	8001-35-2	0.06	0.49	U	0.50	U	0.500	U	0.50	U	0.50	U	0.500	U
Total Pesticides			ND		ND		**0.073**		ND		ND		**0.012**	

Notes:

AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values

Units are micrograms per liter (µg/L)

NS - No Standard or Guidance Value

NA - Not Analyzed

U - Compound not detected at or above the instrument method detection limit (MDL).

ND - No analytes detected greater than MDL

Detected concentrations and qualifiers shown in **bold** font. Shaded cell indicates exceedance of the AWQS/GV.

J - Result is less than the Reporting Limit (RL) but greater than or equal to the MDL and the concentration is an approximate value.

H - Sample was prepped or analyzed beyond the specified holding time.

B - Compound was found in the blank and sample.

* - LCS or LCSD is outside acceptance limits/ISTD response or retention time outside acceptance limits.

F1 - MS and/or MSD Recovery is outside acceptance limits.

F2 - MS/MSD RPD exceeds control limits.

p - The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Table 7
Groundwater Analytical Results
Emerging Contaminants
34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028

Analyte	NYSDOH Proposed MCL[1]	Monitoring Well/Sample ID									
		MW-33	MW-33	MW-15D	MW-15D	MW-20	MW-20	MW-30	MW-30	MW-16	MW-16
		5/24/2018	8/27/2019	5/24/2018	8/27/2019	5/24/2018	8/28/2019	5/24/2018	8/27/2019	5/24/2018	8/27/2019
Semivolatile Organic Compounds (µg/L)											
1,4-Dioxane	1	**1.8**	**0.79 J H**	**0.078 J**	ND	**3.2**	**4.7**	ND	ND	**0.15 J**	ND
Fluorinated Alkyl Substances (ng/L)											
Perfluorooctanoic acid (PFOA)	10	**2.3 J**	**2.3 J**	**0.55 J**	ND	**9.4 J**	**7.2**	**12**	**13**	**13**	**30**
Perfluorooctanesulfonic acid (PFOS)	10	ND	**1.2 J**	**2.2**	ND	**2.8 J**	**5.8**	**3**	**20**	**38**	**61**
Perfluorobutanoic acid (PFBA)	--	**220**	**10**	**4.5**	**2.5**	**1800 J**	**0.75**	**38**	**21**	**69**	**6.0**
Perfluoropentanoic acid (PFPeA)	--	**320 B**	**1.5 J**	**2.2** B	ND	**350 B**	**55**	**29 B**	**12**	**6.3 B**	**4.4**
Perfluorohexanoic acid (PFHxA)	--	**5.9 B**	**2.3**	**1.2 J B**	ND	**15 J B**	**15**	**18 B**	**11**	**3.1 B**	**9.7**
Perfluoroheptanoic acid (PFHpA)	--	**0.72 J B**	**2.6**	**0.79 J B**	ND	**3.7 J B**	**3.5**	**8.9 B**	**8.2**	**3.4 B**	**6.1**
Perfluorononanoic acid (PFNA)	--	ND	**0.4 J**	ND	ND	ND	**1.2 J**	**0.75 J**	**6.6**	**1.4 J**	**2.2**
Perfluorodecanoic acid (PFDA)	--	ND	ND	**0.39 J**	ND	ND	ND	**0.61 J**	**2.4**	**0.42 J**	ND
Perfluoroundecanoic acid (PFUnA)	--	ND	ND	ND	ND	ND	**1.5 J**	**1.6**	**0.94 J**	**2.5**	ND
Perfluorododecanoic acid (PFDoA)	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorotridecanoic acid (PFTriA)	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorotetradecanoic acid (PFTeA)	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorobutanesulfonic acid (PFBS)	--	**4.0**	**1.6 J**	ND	ND	**11 J**	**8.6**	**2.7**	**1.3 J**	**4**	**2.2**
Perfluorohexanesulfonic acid (PFHxS)	--	**3.7 B**	**1.3 J**	**1.1 J B**	ND	**13 J B**	**3.1 J**	**3.9 B**	**4.4**	**13 B**	**25**
Perfluoroheptanesulfonic acid (PFHpS)	--	ND	ND	ND	ND	ND	ND	ND	ND	**1.2 J**	**1.5 J**
Perfluorodecanesulfonic acid (PFDS)	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorooctane sulfonamide (FOSA)	--	**1.2 J B**	ND	**2** B	ND	**6.2 J B**	ND	**0.55 J B**	ND	ND	ND
N-Methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	--	**1.4 J**	ND	ND	ND	**6.8 J**	ND	ND	ND	**0.73 J**	ND
N-Ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	--	ND	ND	ND	ND	ND	ND	ND	ND	**0.76 J B**	**2.1 J**
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	--	ND	ND	**1.4 J**	ND	ND	ND	ND	ND	**0.71 J**	**7.7 J**
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	--	**1.3 J**	ND	ND	ND	ND	ND	ND	ND	**0.64 J**	ND

Notes:

[1] New York State Department of Health (NYSDOH) Proposed Maximum Contaminant Level (MCL)

ND - Not detected at the reporting limit (RL)

Detected concentrations are in bold font

J - Result is less than the RL but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value

B - Compound was found in the blank and sample

H - Sample was prepped or analyzed beyond the specified holding time

µg/L - micrograms per liter

ng/L - nanograms per liter

Results greater than the NYSDOH Proposed MCL are shaded in gray

Table 7
Groundwater Analytical Results
Emerging Contaminants
34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028

Analyte	NYSDOH Proposed MCL[1]	Monitoring Well/Sample ID									
		MW-11	MW-11	MW-11D	MW-11D	DUP (MW-15D)	DUP (MW-16)	FIELD BLANK	FIELD BLANK	EQUIPMENT BLANK	EQUIPMENT BLANK
		5/24/2018	8/27/2019	5/24/2018	8/27/2019	5/24/2018	8/27/2019	5/24/2018	8/27/2019	5/24/2018	8/28/2019
Semivolatile Organic Compounds (µg/L)											
1,4-Dioxane	1	ND	ND	**0.1 J**	ND	**0.078 J**	ND	-	-	-	-
Fluorinated Alkyl Substances (ng/L)											
Perfluorooctanoic acid (PFOA)	10	**7.6**	**11**	**0.54 J**	ND	**0.55 J**	**30**	ND	ND	**0.48 J**	ND
Perfluorooctanesulfonic acid (PFOS)	10	**90**	**200**	ND	ND	**2.2**	**60**	ND	ND	ND	ND
Perfluorobutanoic acid (PFBA)	--	**26**	**5.6**	**5.7**	**3.5**	**4.5**	**5.7**	**0.78 J**	ND	**0.64 J**	ND
Perfluoropentanoic acid (PFPeA)	--	**2.7 B**	**2.8**	**2 B**	**0.66 J**	**2.2 B**	**3.8**	**0.74 J B**	ND	ND	ND
Perfluorohexanoic acid (PFHxA)	--	**3.4 B**	**4.7**	**3.3 B**	**3.4**	**1.2 J B**	**7.7**	**0.63 J B**	ND	**0.64 J B**	ND
Perfluoroheptanoic acid (PFHpA)	--	**2.7 B**	**2.4**	ND	ND	**0.79 J B**	**6.1**	**0.35 J B**	ND	**0.34 J B**	ND
Perfluorononanoic acid (PFNA)	--	**1.4 J**	**1.1 J**	**0.44 J**	ND	ND	**2.1**	ND	ND	ND	ND
Perfluorodecanoic acid (PFDA)	--	**0.61 J**	ND	ND	ND	**0.39 J**	ND	ND	ND	ND	ND
Perfluoroundecanoic acid (PFUnA)	--	**0.93 J**	**0.73 J**	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorododecanoic acid (PFDoA)	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorotridecanoic acid (PFTriA)	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorotetradecanoic acid (PFTeA)	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorobutanesulfonic acid (PFBS)	--	**6.9**	**1.6 J**	**0.92 J**	ND	ND	**2.0**	ND	ND	ND	ND
Perfluorohexanesulfonic acid (PFHxS)	--	**20 B**	**24**	**1.3 J B**	ND	**1.1 J B**	**27**	**0.89 J B**	ND	**0.92 J B**	ND
Perfluoroheptanesulfonic acid (PFHpS)	--	**2.4**	**3.3**	ND	ND	ND	**1.3 J**	ND	ND	ND	ND
Perfluorodecanesulfonic acid (PFDS)	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorooctane sulfonamide (FOSA)	--	ND	ND	**0.59 J B**	ND	**2 B**	ND	ND	ND	ND	ND
N-Methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	--	ND	ND	ND	ND	ND	**2.1 J**	ND	ND	ND	ND
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	--	ND	ND	ND	ND	**1.4 J**	ND	ND	ND	ND	ND
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	--	**0.67 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

[1] New York State Department of Health (NYSDOH) Proposed Maximum Contaminant Level (MCL)

ND - Not detected at the reporting limit (RL)

Detected concentrations are in bold font

J - Result is less than the RL but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value

B - Compound was found in the blank and sample

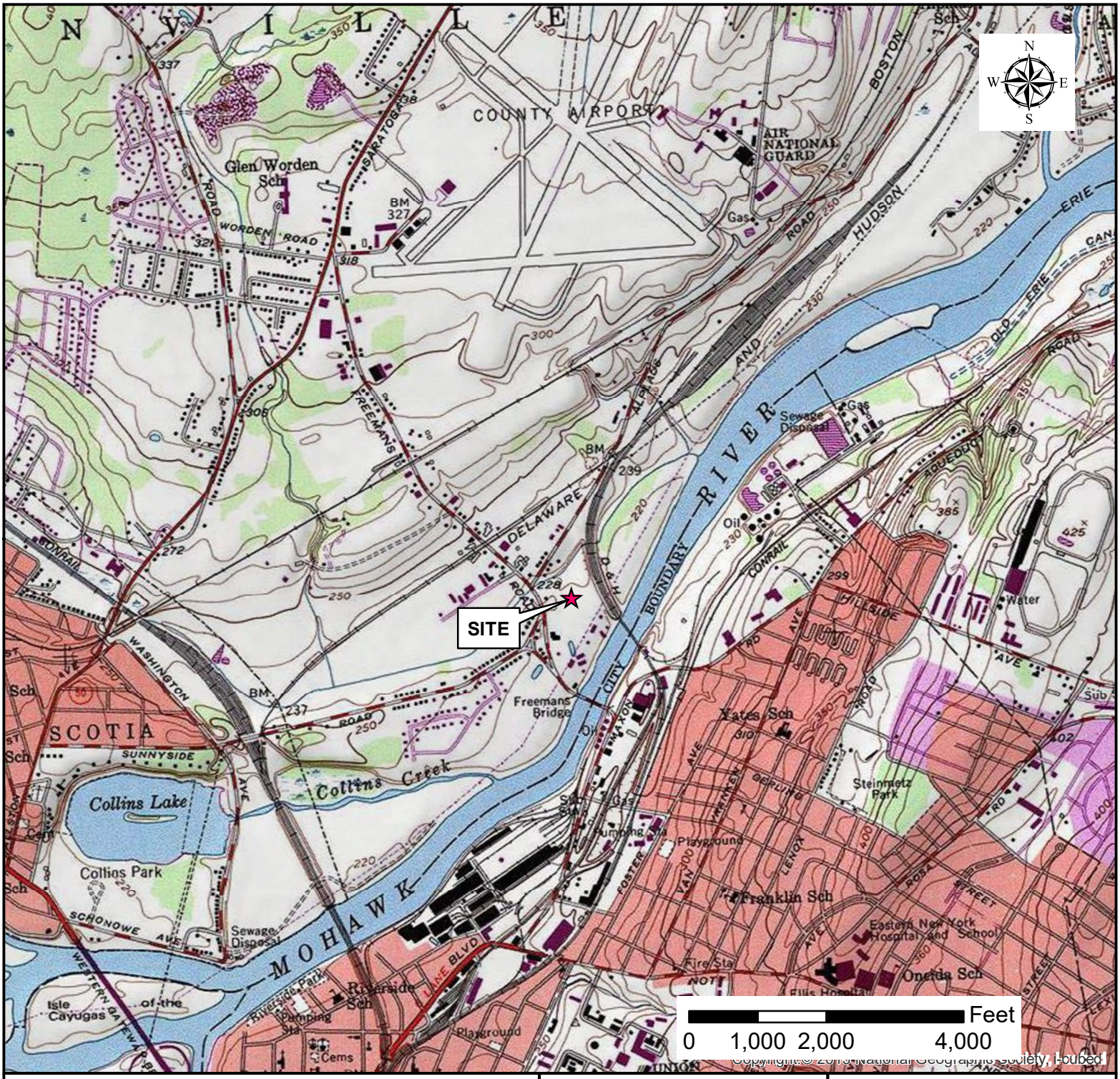
H - Sample was prepped or analyzed beyond the specified holding time

µg/L - micrograms per liter

ng/L - nanograms per liter

Results greater than the NYSDOH Proposed MCL are shaded in gray

Figures





Source: ArcGIS Bing Maps Aerial, 2012.

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T: (518) 951-2200
F: (518) 951-2300

FIGURE 1

SITE LOCATION MAP

GROUNDWATER MONITORING REPORT
34 FREEMAN'S BRIDGE ROAD SITE
NYSDEC SITE NO. 4-47-028

FEBRUARY 2020

60267206



LEGEND

MAPPING REFERENCES:
1) MAPPING SHOWN TAKEN FROM THE FINAL REMEDIATION REPORT DRAWINGS NO. V8 "GRID SAMPLE LOCATIONS MAP" AND NO. V9 "AS-BUILT TOPOGRAPHIC MAP" BY CLARK ENGINEERING & SURVEYING, P.C., DATED 10/19/2007 AND ALL REFERENCES AND NOTES THEREIN.

2) MONITORING WELL AND SOIL VAPOR POINT LOCATIONS BY A SURVEY PERFORMED BY EARTH TECH, MAY 8, 2008, EXCEPT FOR MW-18 AND MW-19, WHICH WERE SURVEYED BY M.J. ENGINEERING AND LAND SURVEYING, P.C. IN DECEMBER 2019.

PLAN

Scale in Feet

0 50' 100'

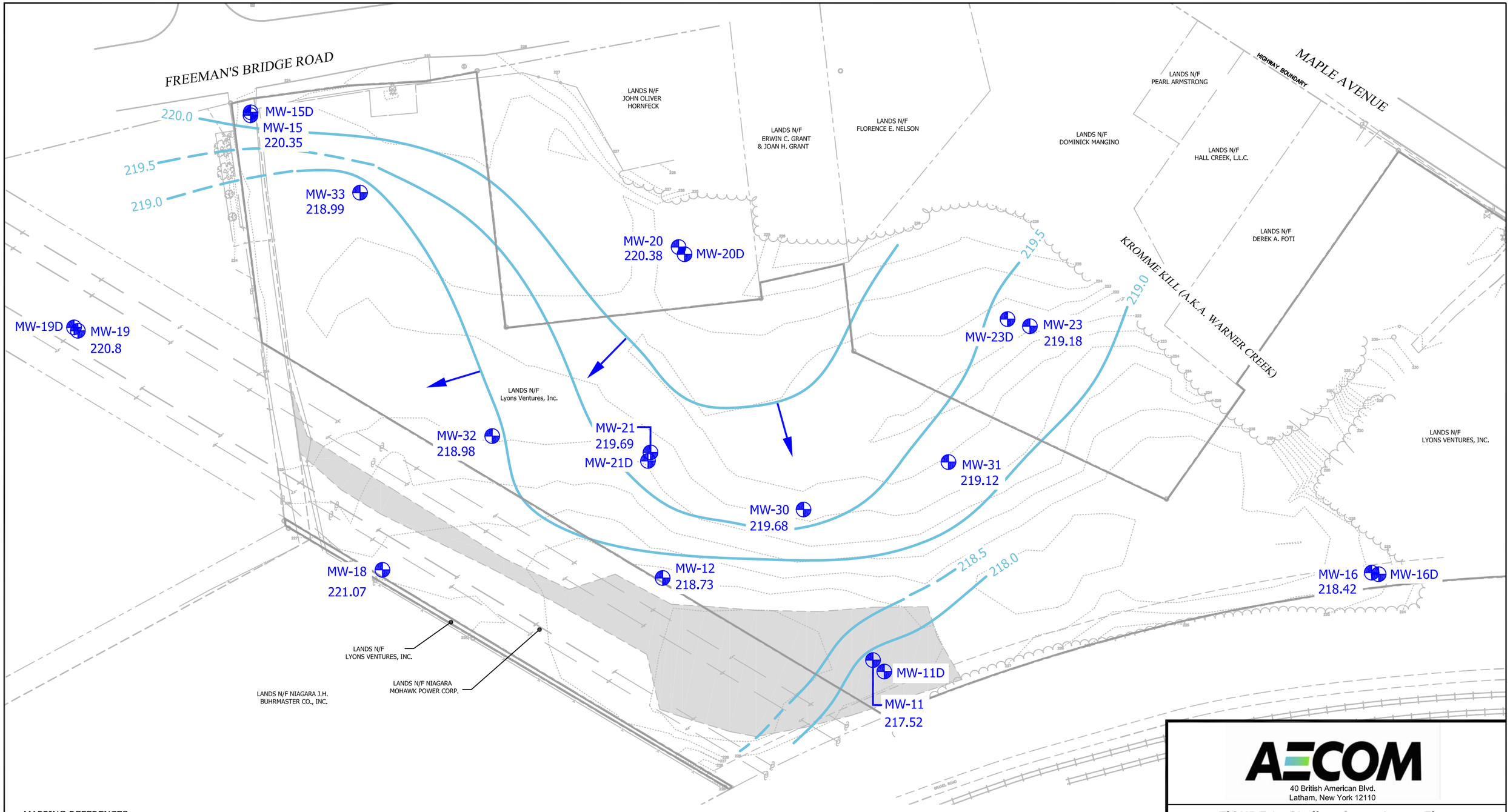
AECOM
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Latham, New York 12110

FIGURE 2 - Site Features

Groundwater Monitoring Report
34 Freeman's Bridge Road Site
NYSDEC Site No. 4-47-028

Town of Glenville	Schenectady County, New York
DATE: February 2020	SCALE: 1"=100'
60267206	FIGURE 2

L:\Group\earth\Latham NY Work\Freemans Bridge Road Site\60267206_030 Site Features.dwg, 2/28/2020 4:11:45 PM, Splawnm



MAPPING REFERENCES:
1) MAPPING SHOWN TAKEN FROM THE FINAL REMEDIATION REPORT DRAWINGS NO. V8 "GRID SAMPLE LOCATIONS MAP" AND NO. V9 "AS-BUILT TOPOGRAPHIC MAP" BY CLARK ENGINEERING & SURVEYING, P.C., DATED 10/19/2007 AND ALL REFERENCES AND NOTES THEREIN.

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LEGEND

MW-19D — MONITORING WELL LOCATION

GROUNDWATER CONTOUR (DASHED WHERE INFERRED)

GENERAL GROUNDWATER FLOW DIRECTION

PLAN

Scale in Feet

0 50' 100'

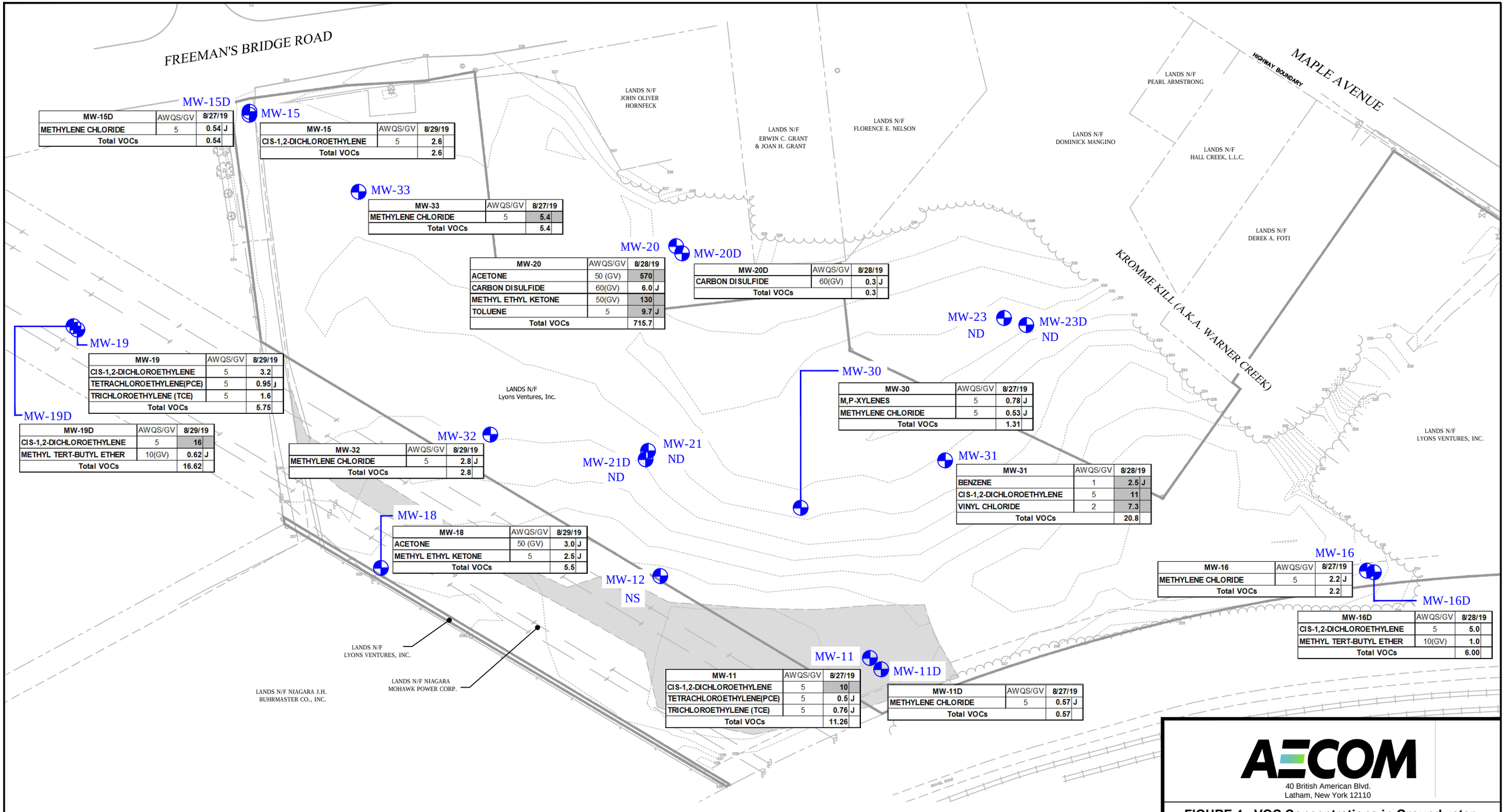
AECOM
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Latham, New York 12110

FIGURE 3 - Shallow Groundwater Flow August 2019

Groundwater Monitoring Report
34 Freeman's Bridge Road Site
NYSDEC Site No. 447028

Town of Glenville	Schenectady County, New York
DATE: February 2020	SCALE: 1"=100'
60267206	FIGURE 3

L:\Group\earth\Latham NY Work\Freemans Bridge Road Site\60267206_020 Shallow GW Contour Map_Jan2020.dwg, 2/28/2020 5:38:00 PM, Splawnm



MW-15D	AWQS/GV	8/27/19	
METHYLENE CHLORIDE	5	0.54	J
Total VOCs		0.54	

MW-15	AWQS/GV	8/29/19	
CIS-1,2-DICHLOROETHYLENE	5	2.6	
Total VOCs		2.6	

MW-33	AWQS/GV	8/27/19
METHYLENE CHLORIDE	5	5.4
Total VOCs		5.4

MW-20	AWQS/GV	8/28/19	
ACETONE	50 (GV)	570	
CARBON DISULFIDE	60(GV)	6.0	J
METHYL ETHYL KETONE	50(GV)	130	
TOLUENE	5	9.7	J
Total VOCs		715.7	

MW-20D	AWQS/GV	8/28/19	
CARBON DISULFIDE	60(GV)	0.3	J
Total VOCs		0.3	

MW-19	AWQS/GV	8/29/19	
CIS-1,2-DICHLOROETHYLENE	5	3.2	
TETRACHLOROETHYLENE(PCE)	5	0.95	J
TRICHLOROETHYLENE (TCE)	5	1.6	
Total VOCs		5.75	

MW-19D	AWQS/GV	8/29/19	
CIS-1,2-DICHLOROETHYLENE	5	16	
METHYL TERT-BUTYL ETHER	10(GV)	0.62	J
Total VOCs		16.62	

MW-32	AWQS/GV	8/29/19	
METHYLENE CHLORIDE	5	2.8	J
Total VOCs		2.8	

MW-30	AWQS/GV	8/27/19	
M,P-XYLENES	5	0.78	J
METHYLENE CHLORIDE	5	0.53	J
Total VOCs		1.31	

MW-31	AWQS/GV	8/28/19	
BENZENE	1	2.5	J
CIS-1,2-DICHLOROETHYLENE	5	11	
VINYL CHLORIDE	2	7.3	
Total VOCs		20.8	

MW-18	AWQS/GV	8/29/19	
ACETONE	50 (GV)	3.0	J
METHYL ETHYL KETONE	5	2.5	J
Total VOCs		5.5	

MW-11	AWQS/GV	8/27/19
CIS-1,2-DICHLOROETHYLENE	5	10
TETRACHLOROETHYLENE(PCE)	5	0.5 J
TRICHLOROETHYLENE (TCE)	5	0.76 J
Total VOCs		11.26

MW-11D	AWQS/GV	8/27/19	
METHYLENE CHLORIDE	5	0.57	J
Total VOCs		0.57	

MW-16	AWQS/GV	8/27/19	
METHYLENE CHLORIDE	5	2.2	J
Total VOCs		2.2	

MW-16D	AWQS/GV	8/28/19
CIS-1,2-DICHLOROETHYLENE	5	5.0
METHYL TERT-BUTYL ETHER	10(GV)	1.0
Total VOCs		6.00

MAPPING REFERENCES:
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LEGEND

ND = NO ANALYTES DETECTED GREATER THAN METHOD DETECTION LIMIT.

NS = NOT SAMPLED

WELLS MW-18 AND MW-19 HAVE BEEN REPAIRED AND RESURVEYED.

PLAN

Scale in Feet

0 50' 100'

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Latham, New York 12110

FIGURE 4 - VOC Concentrations in Groundwater August 2019

Groundwater Monitoring Report
34 Freeman's Bridge Road Site
NYSDEC Site No. 447028

Town of Glenville	Schenectady County, New York
DATE: February 2020	SCALE: 1"=100'
60267206	FIGURE 4

FREEMAN'S BRIDGE ROAD

MAPLE AVENUE

HIGHWAY BOUNDARY

KROMME KILL (A.K.A. WARNER CREEK)

MW-15D
ND

MW-15
ND

MW-33
ND

MW-20

MW-20	AWQS/GV	8/28/19	
4-METHYLPHENOL	1	310	J
PHENOL	1	1500	
2-METHYLPHENOL	1	220	J
Total SVOCs		2,030	

MW-20D

MW-20D	AWQS/GV	8/28/19	
DI-N-OCTYL PHTHALATE	1	0.59	J
Total SVOCs		0.59	

MW-19D
ND

MW-19

MW-19	AWQS/GV	8/29/19	
ACENAPHTHENE	20	1.8	J
FLUORANTHENE	50(GV)	0.47	J
FLUORENE	50(GV)	0.39	J
Total SVOCs		2.66	

MW-23

MW-23	AWQS/GV	8/28/19	
DI-N-BUTYL PHTHALATE	50(GV)	0.34	J
Total SVOCs		0.34	

MW-23D
ND

MW-32

MW-32	AWQS/GV	8/29/19	
4-METHYLPHENOL	1	0.38	J
Total SVOCs		0.38	

MW-21
ND

MW-21D
ND

MW-31
ND

MW-30
ND

MW-18

MW-18	AWQS/GV	8/29/19	
4-METHYLPHENOL	1	1.6	J
Total SVOCs		1.6	

MW-12
NS

MW-11
ND

MW-11D
ND

MW-16
ND

MW-16D
ND

LANDS N/F
JOHN OLIVER
HORNFECK

LANDS N/F
ERWIN C. GRANT
& JOAN H. GRANT

LANDS N/F
FLORENCE E. NELSON

LANDS N/F
DOMINICK MANGINO

LANDS N/F
PEARL ARMSTRONG

LANDS N/F
HALL CREEK, L.L.C.

LANDS N/F
DEREK A. FOTI

LANDS N/F
Lyons Ventures, Inc.

LANDS N/F
LYONS VENTURES, INC.

LANDS N/F NIAGARA J.H.
BUHRMASTER CO., INC.

MAPPING REFERENCES:
1) MAPPING SHOWN TAKEN FROM THE FINAL REMEDIATION REPORT DRAWINGS NO. V8 "GRID SAMPLE LOCATIONS MAP" AND NO. V9 "AS-BUILT TOPOGRAPHIC MAP" BY CLARK ENGINEERING & SURVEYING, P.C., DATED 10/19/2007 AND ALL REFERENCES AND NOTES THEREIN.

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LEGEND

ND = NO ANALYTES DETECTED GREATER THAN METHOD DETECTION LIMIT.

NS = NOT SAMPLED

WELLS MW-18 AND MW-19 HAVE BEEN REPAIRED AND RESURVEYED.

PLAN

Scale in Feet

0 50' 100'

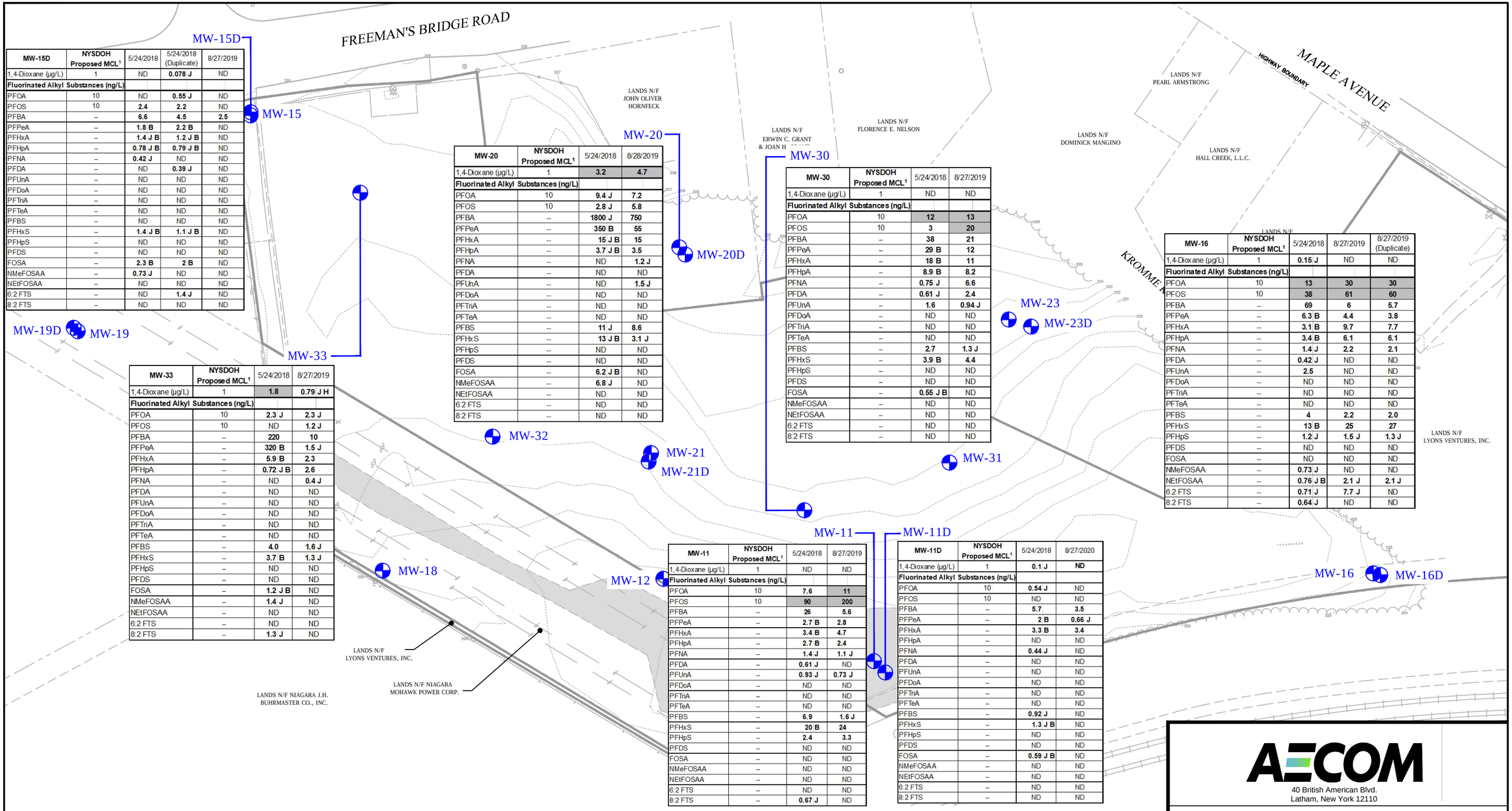
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Latham, New York 12110

FIGURE 5 - SVOC Concentrations in Groundwater August 2019

Groundwater Sampling Report
34 Freeman's Bridge Road Site
NYSDEC Site No. 447028

Town of Glenville	Schenectady County, New York
DATE: February 2020	SCALE: 1"=100'
60267206	FIGURE 5

L:\Group\earth\Latham NY Work\Freemans Bridge Road Site\60267206_022 SVOC Concs in GW_Aug2019.dwg, 2/28/2020 5:36:32 PM, Splawnm



MW-15D	NYSDOH Proposed MCL[1]	5/24/2018	5/24/2018 (Duplicate)	8/27/2019
1,4-Dioxane (µg/L)	1	ND	**0.078 J**	ND
Fluorinated Alkyl Substances (ng/L)				
PFOA	10	ND	**0.55 J**	ND
PFOS	10	**2.4**	**2.2**	ND
PFBA	–	**6.6**	**4.5**	**2.5**
PFPeA	–	**1.8 B**	**2.2 B**	ND
PFHxA	–	**1.4 J B**	**1.2 J B**	ND
PFHpA	–	**0.78 J B**	**0.79 J B**	ND
PFNA	–	**0.42 J**	ND	ND
PFDA	–	ND	**0.39 J**	ND
PFUnA	–	ND	ND	ND
PFDoA	–	ND	ND	ND
PFTriA	–	ND	ND	ND
PFTeA	–	ND	ND	ND
PFBS	–	ND	ND	ND
PFHxS	–	**1.4 J B**	**1.1 J B**	ND
PFHpS	–	ND	ND	ND
PFDS	–	ND	ND	ND
FOSA	–	**2.3 B**	**2 B**	ND
NMeFOSAA	–	**0.73 J**	ND	ND
NEtFOSAA	–	ND	ND	ND
6:2 FTS	–	ND	**1.4 J**	ND
8:2 FTS	–	ND	ND	ND

MW-20	NYSDOH Proposed MCL[1]	5/24/2018	8/28/2019
1,4-Dioxane (µg/L)	1	**3.2**	**4.7**
Fluorinated Alkyl Substances (ng/L)			
PFOA	10	**9.4 J**	**7.2**
PFOS	10	**2.8 J**	**5.8**
PFBA	--	**1800 J**	**750**
PFPeA	--	**350 B**	**55**
PFHxA	--	**15 J B**	**15**
PFHpA	--	**3.7 J B**	**3.5**
PFNA	--	ND	**1.2 J**
PFDA	--	ND	ND
PFUnA	--	ND	**1.5 J**
PFDoA	--	ND	ND
PFTriA	--	ND	ND
PFTeA	--	ND	ND
PFBS	--	**11 J**	**8.6**
PFHxS	--	**13 J B**	**3.1 J**
PFHpS	--	ND	ND
PFDS	--	ND	ND
FOSA	--	**6.2 J B**	ND
NMeFOSAA	--	**6.8 J**	ND
NEtFOSAA	--	ND	ND
6:2 FTS	--	ND	ND
8:2 FTS	--	ND	ND

MW-30	NYSDOH Proposed MCL[1]	5/24/2018	8/27/2019
1,4-Dioxane (µg/L)	1	ND	ND
Fluorinated Alkyl Substances (ng/L)			
PFOA	10	**12**	**13**
PFOS	10	**3**	**20**
PFBA	–	**38**	**21**
PFPeA	–	**29 B**	**12**
PFHxA	–	**18 B**	**11**
PFHpA	–	**8.9 B**	**8.2**
PFNA	–	**0.75 J**	**6.6**
PFDA	–	**0.61 J**	**2.4**
PFUnA	–	**1.6**	**0.94 J**
PFDoA	–	ND	ND
PFTriA	–	ND	ND
PFTeA	–	ND	ND
PFBS	–	**2.7**	**1.3 J**
PFHxS	–	**3.9 B**	**4.4**
PFHpS	–	ND	ND
PFDS	–	ND	ND
FOSA	–	**0.55 J B**	ND
NMeFOSAA	–	ND	ND
NEtFOSAA	–	ND	ND
6:2 FTS	–	ND	ND
8:2 FTS	–	ND	ND

MW-16	NYSDOH Proposed MCL[1]	5/24/2018	8/27/2019	8/27/2019 (Duplicate)
1,4-Dioxane (µg/L)	1	**0.15 J**	ND	ND
Fluorinated Alkyl Substances (ng/L)				
PFOA	10	**13**	**30**	**30**
PFOS	10	**38**	**61**	**60**
PFBA	--	**69**	**6**	**5.7**
PFPeA	--	**6.3 B**	**4.4**	**3.8**
PFHxA	--	**3.1 B**	**9.7**	**7.7**
PFHpA	--	**3.4 B**	**6.1**	**6.1**
PFNA	--	**1.4 J**	**2.2**	**2.1**
PFDA	--	**0.42 J**	ND	ND
PFUnA	--	**2.5**	ND	ND
PFDoA	--	ND	ND	ND
PFTriA	--	ND	ND	ND
PFTeA	--	ND	ND	ND
PFBS	--	**4**	**2.2**	**2.0**
PFHxS	--	**13 B**	**25**	**27**
PFHpS	--	**1.2 J**	**1.5 J**	**1.3 J**
PFDS	--	ND	ND	ND
FOSA	--	ND	ND	ND
NMeFOSAA	--	**0.73 J**	ND	ND
NEtFOSAA	--	**0.76 J B**	**2.1 J**	**2.1 J**
6:2 FTS	--	**0.71 J**	**7.7 J**	ND
8:2 FTS	--	**0.64 J**	ND	ND

MW-33	NYSDOH Proposed MCL[1]	5/24/2018	8/27/2019
1,4-Dioxane (µg/L)	1	**1.8**	**0.79 J H**
Fluorinated Alkyl Substances (ng/L)			
PFOA	10	**2.3 J**	**2.3 J**
PFOS	10	ND	**1.2 J**
PFBA	–	**220**	**10**
PFPeA	–	**320 B**	**1.5 J**
PFHxA	–	**5.9 B**	**2.3**
PFHpA	–	**0.72 J B**	**2.6**
PFNA	–	ND	**0.4 J**
PFDA	–	ND	ND
PFUnA	–	ND	ND
PFDoA	–	ND	ND
PFTriA	–	ND	ND
PFTeA	–	ND	ND
PFBS	–	**4.0**	**1.6 J**
PFHxS	–	**3.7 B**	**1.3 J**
PFHpS	–	ND	ND
PFDS	–	ND	ND
FOSA	–	**1.2 J B**	ND
NMeFOSAA	–	**1.4 J**	ND
NEtFOSAA	–	ND	ND
6:2 FTS	–	ND	ND
8:2 FTS	–	**1.3 J**	ND

MW-11	NYSDOH Proposed MCL[1]	5/24/2018	8/27/2019
1,4-Dioxane (µg/L)	1	ND	ND
Fluorinated Alkyl Substances (ng/L)			
PFOA	10	**7.6**	**11**
PFOS	10	**90**	**200**
PFBA	–	**26**	**5.6**
PFPeA	–	**2.7 B**	**2.8**
PFHxA	–	**3.4 B**	**4.7**
PFHpA	–	**2.7 B**	**2.4**
PFNA	–	**1.4 J**	**1.1 J**
PFDA	–	**0.61 J**	ND
PFUnA	–	**0.93 J**	**0.73 J**
PFDoA	–	ND	ND
PFTriA	–	ND	ND
PFTeA	–	ND	ND
PFBS	–	**6.9**	**1.6 J**
PFHxS	–	**20 B**	**24**
PFHpS	–	**2.4**	**3.3**
PFDS	–	ND	ND
FOSA	–	ND	ND
NMeFOSAA	–	ND	ND
NEtFOSAA	–	ND	ND
6:2 FTS	–	ND	ND
8:2 FTS	–	**0.67 J**	ND

MW-11D	NYSDOH Proposed MCL[1]	5/24/2018	8/27/2020
1,4-Dioxane (µg/L)	1	**0.1 J**	**ND**
Fluorinated Alkyl Substances (ng/L)			
PFOA	10	**0.54 J**	ND
PFOS	10	ND	ND
PFBA	–	**5.7**	**3.5**
PFPeA	–	**2 B**	**0.66 J**
PFHxA	–	**3.3 B**	**3.4**
PFHpA	–	ND	ND
PFNA	–	**0.44 J**	ND
PFDA	–	ND	ND
PFUnA	–	ND	ND
PFDoA	–	ND	ND
PFTriA	–	ND	ND
PFTeA	–	ND	ND
PFBS	–	**0.92 J**	ND
PFHxS	–	**1.3 J B**	ND
PFHpS	–	ND	ND
PFDS	–	ND	ND
FOSA	–	**0.59 J B**	ND
NMeFOSAA	–	ND	ND
NEtFOSAA	–	ND	ND
6:2 FTS	–	ND	ND
8:2 FTS	–	ND	ND

MAPPING REFERENCES:
1) MAPPING SHOWN TAKEN FROM THE FINAL REMEDIATION REPORT DRAWINGS NO. V8 "GRID SAMPLE LOCATIONS MAP" AND NO. V9 "AS-BUILT TOPOGRAPHIC MAP" BY CLARK ENGINEERING & SURVEYING, P.C., DATED 10/19/2007 AND ALL REFERENCES AND NOTES THEREIN.

2) MONITORING WELL AND SOIL VAPOR POINT LOCATIONS BY A SURVEY PERFORMED BY EARTH TECH, MAY 8, 2008, EXCEPT FOR MW-18 AND MW-19, WHICH WERE SURVEYED BY M.J. ENGINEERING AND LAND SURVEYING, P.C. IN DECEMBER 2019.

Notes:
[1] New York State Department of Health (NYSDOH) Proposed Maximum Contaminant Level (MCL)
ND - Not detected at the reporting limit (RL)
Detected concentrations are in bold font
J - Result is less than the RL but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
B - Compound was found in the blank and sample
H - Sample was prepped or analyzed beyond the specified holding time
µg/L - micrograms per liter
ng/L - nanograms per liter
Results greater than the NYSDOH Proposed MCL are shaded in gray

PLAN

Scale in Feet
0 50' 100'

AECOM
40 British American Blvd.
Latham, New York 12110

FIGURE 6 - Emerging Contaminants in Groundwater May 2018 and August 2019

Groundwater Monitoring Report
34 Freeman's Bridge Road Site
NYSDEC Site No. 447028

Town of Glenville | Schenectady County, New York
DATE: February 2020 | SCALE: 1"=100'
60267206 | FIGURE 6

Appendices

Appendix A

Monitoring Well Purging/Sampling Forms

Monitoring Well Purging / Sampling Form

Project Name and Number: 34 Freemans Bridge Road 60267206.2

Monitoring Well Number: MW-11 Date: August 27, 2019

Samplers: Greg Dunlavey and Alexandra Golden

Sample Number: MW-11 - 082719 QA/QC Collected? -

Purging / Sampling Method: Bailing / Three Well Volumes

1. L = Well Depth:	19.52	feet
2. D = Riser Diameter (I.D.):		feet
3. W = Depth to Water:	13.71	feet
4. C = Column of Water in Well:		feet
5. V = Volume of Water in Well = $C(3.14159)(0.5D)^2(7.48)$	0.95	gal
6. 3(V) = Target Purge Volume	2.85	gal

D (inches)	D (feet)
1-inch	0.08
2-inch	0.17
3-inch	0.25
4-inch	0.33
6-inch	0.50

Conversion factors to determine V given C

D (inches)	1-inch	2-inch	3-inch	4-inch	6-inch
V (gal / ft)	0.041	0.163	0.37	0.65	1.5

Water Quality Readings Collected Using YSI-556 and Hach 2100

Parameter	Units	Readings						
Time	24 hr	1249	1254	1259	1305			
Water Level (0.33)	feet	13.75	13.81	13.85	13.93			
Volume Purged	gal	0.00	1.00	2.00	3.00			
Flow Rate	mL/min	800	800	800	800			
Turbidity (+/- 10%)	NTU	70.9	101	98.0	72.0			
Dissolved Oxygen (+/- 10%)	%	19.2	17.5	11.1	13.0			
Dissolved Oxygen (+/- 10%)	mg/L	1.85	1.73	1.13	1.36			
Eh / ORP (+/- 10)	MeV	151.7	153.3	158.6	141.5			
Specific Conductivity (+/- 3%)	mS/cm^c	1.211	1.133	1.150	1.175			
Conductivity (+/- 3%)	mS/cm	-	-	-	-			
pH (+/- 0.1)	pH unit	7.26	6.95	6.80	6.94			
Temp (+/- 0.5)	C°	16.65	15.53	14.38	13.94			
Color	Visual	Clear	Clear	Clear	Clear			
Odor	Olfactory	None	None	None	None			

Comments:

Sampled @ 1306

*PFAS

Monitoring Well Purging / Sampling Form

Project Name and Number: 34 Freemans Bridge Road 60267206.2

Monitoring Well Number: MW-11D Date: August 27, 2019

Samplers: Greg Dunlavey and Alexandra Golden

Sample Number: MW-11D 082719 QA/QC Collected? MS/MSD taken here

Purging / Sampling Method: Bailing / Three Well Volumes

1. L = Well Depth:	52.40	feet
2. D = Riser Diameter (I.D.):		feet
3. W = Depth to Water:	11.82	feet
4. C = Column of Water in Well:		feet
5. V = Volume of Water in Well = $C(3.14159)(0.5D)^2(7.48)$	6.63	gal
6. 3(V) = Target Purge Volume	19.86	gal

D (inches)	D (feet)
1-inch	0.08
2-inch	0.17
3-inch	0.25
4-inch	0.33
6-inch	0.50

Conversion factors to determine V given C

D (inches)	1-inch	2-inch	3-inch	4-inch	6-inch
V (gal / ft)	0.041	0.163	0.37	0.65	1.5

Water Quality Readings Collected Using YSI-556 and Hach 2100

Parameter	Units	Readings						
Time	24 hr	1330	1348	1400	1412			
Water Level (0.33)	feet	11.85	11.88	11.90	11.95			
Volume Purged	gal	0.00	6.00	12.00	18.00			
Flow Rate	mL/min	1100	1100	1100	1100			
Turbidity (+/- 10%)	NTU	208	161	99.0	87.0			
Dissolved Oxygen (+/- 10%)	%	18.1	7.60	9.90	8.10			
Dissolved Oxygen (+/- 10%)	mg/L	1.71	0.75	0.96	0.86			
Eh / ORP (+/- 10)	MeV	172.2	24.3	11.7	11.5			
Specific Conductivity (+/- 3%)	mS/cm^c	1.149	1.239	1.331	1.331			
Conductivity (+/- 3%)	mS/cm	-	-	-	-			
pH (+/- 0.1)	pH unit	7.86	8.08	8.15	8.13			
Temp (+/- 0.5)	C°	18.00	15.69	14.88	15.49			
Color	Visual	Clear	Clear	Clear	Clear			
Odor	Olfactory	None	None	None	None			

Comments:

Sampled @ 1415

*PFAS

Monitoring Well Purging / Sampling Form

Project Name and Number: 34 Freemans Bridge Road 60267206.2

Monitoring Well Number: MW-15 Date: August 29, 2019

Samplers: Greg Dunlavey and Alexandra Golden

Sample Number: MW-15 - 082919 QA/QC Collected? -

Purging / Sampling Method: Bailing / Three Well Volumes

1. L = Well Depth:	13.40	feet
2. D = Riser Diameter (I.D.):		feet
3. W = Depth to Water:	3.79	feet
4. C = Column of Water in Well:		feet
5. V = Volume of Water in Well = $C(3.14159)(0.5D)^2(7.48)$	1.79	gal
6. 3(V) = Target Purge Volume	4.70	gal

D (inches)	D (feet)
1-inch	0.08
2-inch	0.17
3-inch	0.25
4-inch	0.33
6-inch	0.50

Conversion factors to determine V given C

D (inches)	1-inch	2-inch	3-inch	4-inch	6-inch
V (gal / ft)	0.041	0.163	0.37	0.65	1.5

Water Quality Readings Collected Using YSI-556 and Hach 2100

Parameter	Units	Readings						
Time	24 hr	1225	1230	1235	1240			
Water Level (0.33)	feet	3.79	4.01	4.31	4.36			
Volume Purged	gal	0.00	1.79	2.58	4.70			
Flow Rate	mL/min	-	-	-	-			
Turbidity (+/- 10%)	NTU	OR	OR	OR	OR			
Dissolved Oxygen (+/- 10%)	%	11.9	12.3	10.4	9.20			
Dissolved Oxygen (+/- 10%)	mg/L	1.03	1.15	0.98	0.89			
Eh / ORP (+/- 10)	MeV	7.60	2.90	12.0	17.4			
Specific Conductivity (+/- 3%)	mS/cm^c	1.126	1.476	1.480	1.479			
Conductivity (+/- 3%)	mS/cm	-	-	-	-			
pH (+/- 0.1)	pH unit	7.90	8.05	8.13	8.07			
Temp (+/- 0.5)	C°	22.21	18.09	16.15	16.50			
Color	Visual	Brown	Brown	Brown	Brown			
Odor	Olfactory	None	None	None	None			

Comments:

Sampled @ 1245

Monitoring Well Purging / Sampling Form

Project Name and Number: 34 Freemans Bridge Road 60267206.2

Monitoring Well Number: MW-15D Date: August 27, 2019

Samplers: Greg Dunlavey and Alexandra Golden

Sample Number: MW-15D- 082719 QA/QC Collected? -

Purging / Sampling Method: Bailing / Three Well Volumes

1. L = Well Depth:	21.94	feet
2. D = Riser Diameter (I.D.):		feet
3. W = Depth to Water:	3.82	feet
4. C = Column of Water in Well:		feet
5. V = Volume of Water in Well = $C(3.14159)(0.5D)^2(7.48)$	2.96	gal
6. 3(V) = Target Purge Volume	8.88	gal

D (inches)	D (feet)
1-inch	0.08
2-inch	0.17
3-inch	0.25
4-inch	0.33
6-inch	0.50

Conversion factors to determine V given C

D (inches)	1-inch	2-inch	3-inch	4-inch	6-inch
V (gal / ft)	0.041	0.163	0.37	0.65	1.5

Water Quality Readings Collected Using YSI-556 and Hach 2100

Parameter	Units	Readings						
Time	24 hr	1610	1618	1630	1639			
Water Level (0.33)	feet	3.95	4.51	4.96	5.42			
Volume Purged	gal	0.00	2.96	5.92	8.88			
Flow Rate	mL/min	-	-	-	-			
Turbidity (+/- 10%)	NTU	OR	106	111	113			
Dissolved Oxygen (+/- 10%)	%	14.9	12.3	11.3	11.6			
Dissolved Oxygen (+/- 10%)	mg/L	1.48	1.27	1.16	1.21			
Eh / ORP (+/- 10)	MeV	49.2	51.3	58.9	61.8			
Specific Conductivity (+/- 3%)	mS/cm^c	1.342	1.343	1.352	1.340			
Conductivity (+/- 3%)	mS/cm	-	-	-	-			
pH (+/- 0.1)	pH unit	8.92	8.33	8.23	8.26			
Temp (+/- 0.5)	C°	16.02	14.30	13.94	13.68			
Color	Visual	Brown	Clear	Clear	Clear			
Odor	Olfactory	None	None	None	None			

Comments:

Sampled @ 1640

*PFAS

**Broken PVC Cap

Monitoring Well Purging / Sampling Form

Project Name and Number: 34 Freemans Bridge Road 60267206.2

Monitoring Well Number: MW-16 Date: August 27, 2019

Samplers: Greg Dunlavey and Alexandra Golden

Sample Number: MW-16 - 082719 QA/QC Collected? DUP

Purging / Sampling Method: Peripump

1. L = Well Depth:	13.51	feet
2. D = Riser Diameter (I.D.):		feet
3. W = Depth to Water:	9.99	feet
4. C = Column of Water in Well:		feet
5. V = Volume of Water in Well = $C(3.14159)(0.5D)^2(7.48)$	0.57	gal
6. 3(V) = Target Purge Volume	1.71	gal

D (inches)	D (feet)
1-inch	0.08
2-inch	0.17
3-inch	0.25
4-inch	0.33
6-inch	0.50

Conversion factors to determine V given C

D (inches)	1-inch	2-inch	3-inch	4-inch	6-inch
V (gal / ft)	0.041	0.163	0.37	0.65	1.5

Water Quality Readings Collected Using YSI-556 and Hach 2100

Parameter	Units	Readings						
Time	24 hr	1217	1222	1227	1231			
Water Level (0.33)	feet	9.99	10.60	11.20	11.80			
Volume Purged	gal	0.00	0.60	1.20	1.80			
Flow Rate	mL/min	600	600	600	600			
Turbidity (+/- 10%)	NTU	50.2	50.5	48.0	26.0			
Dissolved Oxygen (+/- 10%)	%	20.4	11.2	14.3	17.0			
Dissolved Oxygen (+/- 10%)	mg/L	2.08	1.14	1.48	1.80			
Eh / ORP (+/- 10)	MeV	-25.1	-7.3	-3.5	-3.1			
Specific Conductivity (+/- 3%)	mS/cm^c	1.762	1.704	1.694	1.693			
Conductivity (+/- 3%)	mS/cm	-	-	-	-			
pH (+/- 0.1)	pH unit	7.52	7.54	7.57	7.60			
Temp (+/- 0.5)	C°	15.39	14.42	13.64	13.65			
Color	Visual	Clear	Clear	Clear	Clear			
Odor	Olfactory	None	None	None	None			

Comments:

Sampled @ 1232

Monitoring Well Purging / Sampling Form

Project Name and Number: 34 Freemans Bridge Road 60267206.2

Monitoring Well Number: MW-16D Date: August 28, 2019

Samplers: Greg Dunlavey and Alexandra Golden

Sample Number: MW-16D- 082819 QA/QC Collected? -

Purging / Sampling Method: Bailing / Three Well Volumes

1. L = Well Depth:	28.85	feet
2. D = Riser Diameter (I.D.):		feet
3. W = Depth to Water:	9.03	feet
4. C = Column of Water in Well:		feet
5. V = Volume of Water in Well = $C(3.14159)(0.5D)^2(7.48)$	3.23	gal
6. 3(V) = Target Purge Volume	9.69	gal

D (inches)	D (feet)
1-inch	0.08
2-inch	0.17
3-inch	0.25
4-inch	0.33
6-inch	0.50

Conversion factors to determine V given C

D (inches)	1-inch	2-inch	3-inch	4-inch	6-inch
V (gal / ft)	0.041	0.163	0.37	0.65	1.5

Water Quality Readings Collected Using YSI-556 and Hach 2100

Parameter	Units	Readings						
Time	24 hr	1145	1152	1159	1205			
Water Level (0.33)	feet	9.03	9.08	9.07	9.08			
Volume Purged	gal	0.00	3.23	6.46	9.69			
Flow Rate	mL/min	-	-	-	-			
Turbidity (+/- 10%)	NTU	126	89.0	72.0	55.0			
Dissolved Oxygen (+/- 10%)	%	22.0	34.0	26.6	17.4			
Dissolved Oxygen (+/- 10%)	mg/L	2.18	3.45	2.70	1.88			
Eh / ORP (+/- 10)	MeV	111.6	91.4	62.6	49.5			
Specific Conductivity (+/- 3%)	mS/cm^c	0.962	0.992	1.164	1.186			
Conductivity (+/- 3%)	mS/cm	-	-	-	-			
pH (+/- 0.1)	pH unit	8.50	8.17	8.03	8.03			
Temp (+/- 0.5)	C°	15.24	12.63	12.05	11.62			
Color	Visual	Clear	Clear	Clear	Clear			
Odor	Olfactory	None	None	None	None			

Comments:

Sampled @ 1210

Monitoring Well Purging / Sampling Form

Project Name and Number: 34 Freemans Bridge Road 60267206.2

Monitoring Well Number: MW-18 Date: August 29, 2019

Samplers: Greg Dunlavey and Alexandra Golden

Sample Number: MW-18 - 082919 QA/QC Collected? -

Purging / Sampling Method: Bailing / Three Well Volumes

1. L = Well Depth:	15.31	feet
2. D = Riser Diameter (I.D.):		feet
3. W = Depth to Water:	9.68	feet
4. C = Column of Water in Well:		feet
5. V = Volume of Water in Well = $C(3.14159)(0.5D)^2(7.48)$	0.92	gal
6. 3(V) = Target Purge Volume	2.76	gal

D (inches)	D (feet)
1-inch	0.08
2-inch	0.17
3-inch	0.25
4-inch	0.33
6-inch	0.50

Conversion factors to determine V given C

D (inches)	1-inch	2-inch	3-inch	4-inch	6-inch
V (gal / ft)	0.041	0.163	0.37	0.65	1.5

Water Quality Readings Collected Using YSI-556 and Hach 2100

Parameter	Units	Readings						
Time	24 hr	1015	1018	1021	1024			
Water Level (0.33)	feet	9.68	10.01	13.84	14.01			
Volume Purged	gal	0.00	0.92	1.84	2.72			
Flow Rate	mL/min	-	-	-	-			
Turbidity (+/- 10%)	NTU	112	286	315	261			
Dissolved Oxygen (+/- 10%)	%	13.8	13.4	13.3	17.0			
Dissolved Oxygen (+/- 10%)	mg/L	1.31	1.31	1.31	1.69			
Eh / ORP (+/- 10)	MeV	38.9	47.2	51.1	58.4			
Specific Conductivity (+/- 3%)	mS/cm^c	0.807	0.807	0.802	0.800			
Conductivity (+/- 3%)	mS/cm	-	-	-	-			
pH (+/- 0.1)	pH unit	7.98	8.16	8.16	8.15			
Temp (+/- 0.5)	C°	17.09	15.53	15.50	15.51			
Color	Visual	Clear	Murky	Cloudy	Murky			
Odor	Olfactory	None	None	None	None			

Comments:

Sampled @ 1030

Monitoring Well Purging / Sampling Form

Project Name and Number: 34 Freemans Bridge Road 60267206.2

Monitoring Well Number: MW-19 Date: August 29, 2019

Samplers: Greg Dunlavey and Alexandra Golden

Sample Number: MW-19 - 082919 QA/QC Collected? -

Purging / Sampling Method: Bailing / Three Well Volumes

1. L = Well Depth:	10.13	feet
2. D = Riser Diameter (I.D.):		feet
3. W = Depth to Water:	7.09	feet
4. C = Column of Water in Well:	0.54	feet
5. V = Volume of Water in Well = $C(3.14159)(0.5D)^2(7.48)$	0.50	gal
6. 3(V) = Target Purge Volume	1.62	gal

D (inches)	D (feet)
1-inch	0.08
2-inch	0.17
3-inch	0.25
4-inch	0.33
6-inch	0.50

Conversion factors to determine V given C

D (inches)	1-inch	2-inch	3-inch	4-inch	6-inch
V (gal / ft)	0.041	0.163	0.37	0.65	1.5

Water Quality Readings Collected Using YSI-556 and Hach 2100

Parameter	Units	Readings						
Time	24 hr	1149	1152					
Water Level (0.33)	feet	7.09	9.01					
Volume Purged	gal	0.00	0.54					
Flow Rate	mL/min	-	-					
Turbidity (+/- 10%)	NTU	106	127					
Dissolved Oxygen (+/- 10%)	%	11.9	22.9					
Dissolved Oxygen (+/- 10%)	mg/L	1.10	2.26					
Eh / ORP (+/- 10)	MeV	63.4	40.9					
Specific Conductivity (+/- 3%)	mS/cm^c	0.879	0.896					
Conductivity (+/- 3%)	mS/cm	-	-					
pH (+/- 0.1)	pH unit	7.68	7.85					
Temp (+/- 0.5)	C°	18.94	17.65					
Color	Visual	Cloudy	Cloudy					
Odor	Olfactory	None	None					

Comments: Dry @ 1155
Sampled @ 1200

*fast recharging

Monitoring Well Purging / Sampling Form

Project Name and Number: 34 Freemans Bridge Road 60267206.2

Monitoring Well Number: MW-19D Date: August 29, 2019

Samplers: Greg Dunlavey and Alexandra Golden

Sample Number: MW-19D - 082919 QA/QC Collected? -

Purging / Sampling Method: Bailing / Three Well Volumes

1. L = Well Depth:	22.44	feet
2. D = Riser Diameter (I.D.):		feet
3. W = Depth to Water:	5.80	feet
4. C = Column of Water in Well:		feet
5. V = Volume of Water in Well = $C(3.14159)(0.5D)^2(7.48)$	2.72	gal
6. 3(V) = Target Purge Volume	8.16	gal

D (inches)	D (feet)
1-inch	0.08
2-inch	0.17
3-inch	0.25
4-inch	0.33
6-inch	0.50

Conversion factors to determine V given C

D (inches)	1-inch	2-inch	3-inch	4-inch	6-inch
V (gal / ft)	0.041	0.163	0.37	0.65	1.5

Water Quality Readings Collected Using YSI-556 and Hach 2100

Parameter	Units	Readings						
Time	24 hr	1036	1049	1102	1115			
Water Level (0.33)	feet	5.80	5.90	5.91	5.91			
Volume Purged	gal	0.00	2.72	3.44	8.16			
Flow Rate	mL/min	-	-	-	-			
Turbidity (+/- 10%)	NTU	367	350	199	156			
Dissolved Oxygen (+/- 10%)	%	36.6	20.5	19.2	25.4			
Dissolved Oxygen (+/- 10%)	mg/L	3.34	1.99	1.94	2.51			
Eh / ORP (+/- 10)	MeV	36.1	4.20	0.50	2.19			
Specific Conductivity (+/- 3%)	mS/cm^c	0.603	0.746	0.841	0.857			
Conductivity (+/- 3%)	mS/cm	-	-	-	-			
pH (+/- 0.1)	pH unit	8.49	7.93	7.85	7.92			
Temp (+/- 0.5)	C°	19.58	16.43	14.41	15.63			
Color	Visual	Brown	Brown	Cloudy	Cloudy			
Odor	Olfactory	None	None	None	None			

Comments:

Sampled @ 1120

Monitoring Well Purging / Sampling Form

Project Name and Number: 34 Freemans Bridge Road 60267206.2

Monitoring Well Number: MW-20 Date: August 28, 2019

Samplers: Greg Dunlavey and Alexandra Golden

Sample Number: MW-20- 082819 QA/QC Collected? MS/MSD

Purging / Sampling Method: Bailing / Three Well Volumes

1. L = Well Depth:	12.55	feet
2. D = Riser Diameter (I.D.):		feet
3. W = Depth to Water:	6.51	feet
4. C = Column of Water in Well:		feet
5. V = Volume of Water in Well = $C(3.14159)(0.5D)^2(7.48)$	0.99	gal
6. 3(V) = Target Purge Volume	2.97	gal

D (inches)	D (feet)
1-inch	0.08
2-inch	0.17
3-inch	0.25
4-inch	0.33
6-inch	0.50

Conversion factors to determine V given C

D (inches)	1-inch	2-inch	3-inch	4-inch	6-inch
V (gal / ft)	0.041	0.163	0.37	0.65	1.5

Water Quality Readings Collected Using YSI-556 and Hach 2100

Parameter	Units	Readings						
Time	24 hr	0840						
Water Level (0.33)	feet	6.55						
Volume Purged	gal	0.00						
Flow Rate	mL/min	-						
Turbidity (+/- 10%)	NTU	236						
Dissolved Oxygen (+/- 10%)	%	13.4						
Dissolved Oxygen (+/- 10%)	mg/L	1.32						
Eh / ORP (+/- 10)	MeV	-141.1						
Specific Conductivity (+/- 3%)	mS/cm^c	3.256						
Conductivity (+/- 3%)	mS/cm	-						
pH (+/- 0.1)	pH unit	1481						
Temp (+/- 0.5)	C°	15.98						
Color	Visual	Yellow						
Odor	Olfactory	Urine						

Comments: Dry @ 0844
Sampled @ 0855

*PFAS

Monitoring Well Purging / Sampling Form

Project Name and Number: 34 Freemans Bridge Road 60267206.2

Monitoring Well Number: MW-20D Date: August 28, 2019

Samplers: Greg Dunlavey and Alexandra Golden

Sample Number: MW-20D - 082819 QA/QC Collected? -

Purging / Sampling Method: Bailing / Three Well Volumes

1. L = Well Depth:	32.19	feet
2. D = Riser Diameter (I.D.):		feet
3. W = Depth to Water:	6.25	feet
4. C = Column of Water in Well:		feet
5. V = Volume of Water in Well = $C(3.14159)(0.5D)^2(7.48)$	4.23	gal
6. 3(V) = Target Purge Volume	12.69	gal

D (inches)	D (feet)
1-inch	0.08
2-inch	0.17
3-inch	0.25
4-inch	0.33
6-inch	0.50

Conversion factors to determine V given C

D (inches)	1-inch	2-inch	3-inch	4-inch	6-inch
V (gal / ft)	0.041	0.163	0.37	0.65	1.5

Water Quality Readings Collected Using YSI-556 and Hach 2100

Parameter	Units	Readings						
Time	24 hr	0910	0913	0916	0919			
Water Level (0.33)	feet	6.25	7.38	7.49	7.43			
Volume Purged	gal	0.00	4.23	8.46	12.69			
Flow Rate	mL/min	1000	1000	1000	1000			
Turbidity (+/- 10%)	NTU	OR	95	90	75			
Dissolved Oxygen (+/- 10%)	%	12.9	32.6	23.2	5.1			
Dissolved Oxygen (+/- 10%)	mg/L	1.30	3.47	2.42	0.45			
Eh / ORP (+/- 10)	MeV	-99.9	-6.3	7.5	8.4			
Specific Conductivity (+/- 3%)	mS/cm^c	0.998	1.136	1.127	1.123			
Conductivity (+/- 3%)	mS/cm	-	-	-	-			
pH (+/- 0.1)	pH unit	9.50	8.85	8.60	8.52			
Temp (+/- 0.5)	C°	13.62	12.11	12.90	12.13			
Color	Visual	OR	Clear	Clear	Clear			
Odor	Olfactory	urine	None	None	None			

Comments:

Sampled @ 0920

Monitoring Well Purging / Sampling Form

Project Name and Number: 34 Freemans Bridge Road 60267206.2

Monitoring Well Number: MW-21 Date: August 28, 2019

Samplers: Greg Dunlavey and Alexandra Golden

Sample Number: MW-21 - 082819 QA/QC Collected? -

Purging / Sampling Method: Bailing / Three Well Volumes

1. L = Well Depth:	18.38	feet
2. D = Riser Diameter (I.D.):		feet
3. W = Depth to Water:	7.77	feet
4. C = Column of Water in Well:		feet
5. V = Volume of Water in Well = $C(3.14159)(0.5D)^2(7.48)$	1.73	gal
6. 3(V) = Target Purge Volume	5.19	gal

D (inches)	D (feet)
1-inch	0.08
2-inch	0.17
3-inch	0.25
4-inch	0.33
6-inch	0.50

Conversion factors to determine V given C

D (inches)	1-inch	2-inch	3-inch	4-inch	6-inch
V (gal / ft)	0.041	0.163	0.37	0.65	1.5

Water Quality Readings Collected Using YSI-556 and Hach 2100

Parameter	Units	Readings						
Time	24 hr	1300	1306	1312	1318			
Water Level (0.33)	feet	7.77	9.03	9.91	10.35			
Volume Purged	gal	0.00	1.73	3.46	5.19			
Flow Rate	mL/min	-	-	-	-			
Turbidity (+/- 10%)	NTU	306	229	124	66.0			
Dissolved Oxygen (+/- 10%)	%	18	10.4	1.3	25.1			
Dissolved Oxygen (+/- 10%)	mg/L	1.76	1.03	0.13	2.52			
Eh / ORP (+/- 10)	MeV	-28.0	14.0	19.1	23.6			
Specific Conductivity (+/- 3%)	mS/cm^c	0.659	0.725	0.705	0.741			
Conductivity (+/- 3%)	mS/cm	-	-	-	-			
pH (+/- 0.1)	pH unit	8.80	7.74	7.59	7.55			
Temp (+/- 0.5)	C°	17.46	15.72	15.02	14.56			
Color	Visual	Clear	Clear	Clear	Clear			
Odor	Olfactory	None	None	None	None			

Comments:

Sampled @ 1320

Monitoring Well Purging / Sampling Form

Project Name and Number: 34 Freemans Bridge Road 60267206.2

Monitoring Well Number: MW-21D Date: August 28, 2019

Samplers: Greg Dunlavey and Alexandra Golden

Sample Number: MW-21D - 082819 QA/QC Collected? -

Purging / Sampling Method: Whale Pump

1. L = Well Depth:	49.51	feet
2. D = Riser Diameter (I.D.):		feet
3. W = Depth to Water:	9.95	feet
4. C = Column of Water in Well:		feet
5. V = Volume of Water in Well = $C(3.14159)(0.5D)^2(7.48)$	6.50	gal
6. 3(V) = Target Purge Volume	19.50	gal

D (inches)	D (feet)
1-inch	0.08
2-inch	0.17
3-inch	0.25
4-inch	0.33
6-inch	0.50

Conversion factors to determine V given C

D (inches)	1-inch	2-inch	3-inch	4-inch	6-inch
V (gal / ft)	0.041	0.163	0.37	0.65	1.5

Water Quality Readings Collected Using YSI-556 and Hach 2100

Parameter	Units	Readings						
Time	24 hr	1326	1330	1334	1339			
Water Level (0.33)	feet	10.01	10.58	10.51	10.55			
Volume Purged	gal	0.00	1.50	13.0	19.5			
Flow Rate	mL/min	OR	210	132	134			
Turbidity (+/- 10%)	NTU	203	40.3	32.7	26.1			
Dissolved Oxygen (+/- 10%)	%	12.9	12.3	10.7	15.6			
Dissolved Oxygen (+/- 10%)	mg/L	1.34	1.30	1.11	1.64			
Eh / ORP (+/- 10)	MeV	0.70	0.70	-2.2	-2.1			
Specific Conductivity (+/- 3%)	mS/cm^c	1.488	1.462	1.466	1.469			
Conductivity (+/- 3%)	mS/cm	-	-	-	-			
pH (+/- 0.1)	pH unit	7.96	8.13	8.17	8.17			
Temp (+/- 0.5)	C°	13.42	12.75	13.28	12.71			
Color	Visual	Brown	Clear	Clear	Clear			
Odor	Olfactory	None	None	None	None			

Comments:

Sampled @ 1345

Monitoring Well Purging / Sampling Form

Project Name and Number: 34 Freemans Bridge Road 60267206.2

Monitoring Well Number: MW-23 Date: August 28, 2019

Samplers: Greg Dunlavey and Alexandra Golden

Sample Number: MW-23 - 082819 QA/QC Collected? -

Purging / Sampling Method: Bailing / Three Well Volumes

1. L = Well Depth:	16.27	feet
2. D = Riser Diameter (I.D.):		feet
3. W = Depth to Water:	5.68	feet
4. C = Column of Water in Well:		feet
5. V = Volume of Water in Well = $C(3.14159)(0.5D)^2(7.48)$	1.73	gal
6. 3(V) = Target Purge Volume	5.19	gal

D (inches)	D (feet)
1-inch	0.08
2-inch	0.17
3-inch	0.25
4-inch	0.33
6-inch	0.50

Conversion factors to determine V given C

D (inches)	1-inch	2-inch	3-inch	4-inch	6-inch
V (gal / ft)	0.041	0.163	0.37	0.65	1.5

Water Quality Readings Collected Using YSI-556 and Hach 2100

Parameter	Units	Readings						
Time	24 hr	1032	1035	1038				
Water Level (0.33)	feet	5.68	9.62	12.75				
Volume Purged	gal	0.00	1.73	3.46				
Flow Rate	mL/min	-	-	-				
Turbidity (+/- 10%)	NTU	OR	OR	800				
Dissolved Oxygen (+/- 10%)	%	17.7	17.8	37.2				
Dissolved Oxygen (+/- 10%)	mg/L	1.62	1.72	3.70				
Eh / ORP (+/- 10)	MeV	-3.2	-19.1	-12.4				
Specific Conductivity (+/- 3%)	mS/cm^c	0.509	0.703	0.700				
Conductivity (+/- 3%)	mS/cm	-	-	-				
pH (+/- 0.1)	pH unit	8.02	7.84	7.78				
Temp (+/- 0.5)	C°	19.81	15.22	15.51				
Color	Visual	Brown	Brown	Gray				
Odor	Olfactory	None	None	None				

Comments: Dry @ 1040
Sampled @ 1040

Monitoring Well Purging / Sampling Form

Project Name and Number: 34 Freemans Bridge Road 60267206.2

Monitoring Well Number: MW-23D Date: August 28, 2019

Samplers: Greg Dunlavey and Alexandra Golden

Sample Number: MW-23D- 082819 QA/QC Collected? -

Purging / Sampling Method: Whale Pump

1. L = Well Depth:	55.61	feet
2. D = Riser Diameter (I.D.):		feet
3. W = Depth to Water:	4.66	feet
4. C = Column of Water in Well:		feet
5. V = Volume of Water in Well = $C(3.14159)(0.5D)^2(7.48)$	8.31	gal
6. 3(V) = Target Purge Volume	24.93	gal

D (inches)	D (feet)
1-inch	0.08
2-inch	0.17
3-inch	0.25
4-inch	0.33
6-inch	0.50

Conversion factors to determine V given C

D (inches)	1-inch	2-inch	3-inch	4-inch	6-inch
V (gal / ft)	0.041	0.163	0.37	0.65	1.5

Water Quality Readings Collected Using YSI-556 and Hach 2100

Parameter	Units	Readings						
Time	24 hr	1005	1009	1014	1018			
Water Level (0.33)	feet	4.75	5.19	5.20	5.20			
Volume Purged	gal	0.00	8.31	16.62	24.93			
Flow Rate	mL/min	-	-	-	-			
Turbidity (+/- 10%)	NTU	77	43	91	110			
Dissolved Oxygen (+/- 10%)	%	14.4	8.1	9.5	10.7			
Dissolved Oxygen (+/- 10%)	mg/L	1.50	0.89	0.99	1.09			
Eh / ORP (+/- 10)	MeV	1.0	0.3	1.6	0.3			
Specific Conductivity (+/- 3%)	mS/cm^c	1.198	1.102	1.196	1.189			
Conductivity (+/- 3%)	mS/cm	-	-	-	-			
pH (+/- 0.1)	pH unit	8.32	8.20	8.21	8.23			
Temp (+/- 0.5)	C°	13.60	13.59	12.70	13.68			
Color	Visual	Clear	Clear	Clear	Clear			
Odor	Olfactory	None	None	None	None			

Comments:

Sampled @ 1020

Monitoring Well Purging / Sampling Form

Project Name and Number: 34 Freemans Bridge Road 60267206.2

Monitoring Well Number: MW-30 Date: August 27, 2019

Samplers: Greg Dunlavey and Alexandra Golden

Sample Number: MW-30 - 082719 QA/QC Collected? -

Purging / Sampling Method: Bailing / Three Well Volumes

1. L = Well Depth:	16.78	feet
2. D = Riser Diameter (I.D.):		feet
3. W = Depth to Water:	6.51	feet
4. C = Column of Water in Well:		feet
5. V = Volume of Water in Well = $C(3.14159)(0.5D)^2(7.48)$	6.70	gal
6. 3(V) = Target Purge Volume	20.10	gal

D (inches)	D (feet)
1-inch	0.08
2-inch	0.17
3-inch	0.25
4-inch	0.33
6-inch	0.50

Conversion factors to determine V given C

D (inches)	1-inch	2-inch	3-inch	4-inch	6-inch
V (gal / ft)	0.041	0.163	0.37	0.65	1.5

Water Quality Readings Collected Using YSI-556 and Hach 2100

Parameter	Units	Readings						
Time	24 hr	1430	1440					
Water Level (0.33)	feet	6.51	10.09					
Volume Purged	gal	0.00	6.70					
Flow Rate	mL/min	-	-					
Turbidity (+/- 10%)	NTU	291	486					
Dissolved Oxygen (+/- 10%)	%	10.9	11.9					
Dissolved Oxygen (+/- 10%)	mg/L	1.01	1.06					
Eh / ORP (+/- 10)	MeV	55.4	50.3					
Specific Conductivity (+/- 3%)	mS/cm^c	1.305	1.272					
Conductivity (+/- 3%)	mS/cm	-	-					
pH (+/- 0.1)	pH unit	7.51	7.69					
Temp (+/- 0.5)	C°	17.64	17.04					
Color	Visual	murky	cloudy					
Odor	Olfactory	None	None					

Comments: Dry @ 1451
Sampled @ 1515

*PFAS

Monitoring Well Purging / Sampling Form

Project Name and Number: 34 Freemans Bridge Road 60267206.2

Monitoring Well Number: MW-31 Date: August 28, 2019

Samplers: Greg Dunlavey and Alexandra Golden

Sample Number: MW-31 - 082819 QA/QC Collected? -

Purging / Sampling Method: Whale Pump

1. L = Well Depth:	17.02	feet
2. D = Riser Diameter (I.D.):		feet
3. W = Depth to Water:	6.31	feet
4. C = Column of Water in Well:		feet
5. V = Volume of Water in Well = $C(3.14159)(0.5D)^2(7.48)$	6.99	gal
6. 3(V) = Target Purge Volume	20.97	gal

D (inches)	D (feet)
1-inch	0.08
2-inch	0.17
3-inch	0.25
4-inch	0.33
6-inch	0.50

Conversion factors to determine V given C

D (inches)	1-inch	2-inch	3-inch	4-inch	6-inch
V (gal / ft)	0.041	0.163	0.37	0.65	1.5

Water Quality Readings Collected Using YSI-556 and Hach 2100

Parameter	Units	Readings						
Time	24 hr	1215	1219	1222	1225			
Water Level (0.33)	feet	6.31	8.34	8.68	8.91			
Volume Purged	gal	0.00	6.99	13.98	20.97			
Flow Rate	mL/min	-	-	-	-			
Turbidity (+/- 10%)	NTU	198	155	73.0	42.0			
Dissolved Oxygen (+/- 10%)	%	45.5	36.0	69.5	33.8			
Dissolved Oxygen (+/- 10%)	mg/L	4.67	3.68	6.96	3.44			
Eh / ORP (+/- 10)	MeV	-2.2	12.2	8.1	12.4			
Specific Conductivity (+/- 3%)	mS/cm^c	1.499	1.462	1.402	1.413			
Conductivity (+/- 3%)	mS/cm	-	-	-	-			
pH (+/- 0.1)	pH unit	7.92	7.86	8.01	7.96			
Temp (+/- 0.5)	C°	14.25	14.27	14.49	14.51			
Color	Visual	Brown	Clear	Clear	Clear			
Odor	Olfactory	None	None	None	None			

Comments:

Sampled @ 1230

Monitoring Well Purging / Sampling Form

Project Name and Number: 34 Freemans Bridge Road 60267206.2

Monitoring Well Number: MW-32 Date: August 29, 2019

Samplers: Greg Dunlavey and Alexandra Golden

Sample Number: MW-32 - 082919 QA/QC Collected? -

Purging / Sampling Method: Whale Pump

1. L = Well Depth:	23.36	feet
2. D = Riser Diameter (I.D.):		feet
3. W = Depth to Water:	8.34	feet
4. C = Column of Water in Well:		feet
5. V = Volume of Water in Well = $C(3.14159)(0.5D)^2(7.48)$	9.80	gal
6. 3(V) = Target Purge Volume	29.40	gal

D (inches)	D (feet)
1-inch	0.08
2-inch	0.17
3-inch	0.25
4-inch	0.33
6-inch	0.50

Conversion factors to determine V given C

D (inches)	1-inch	2-inch	3-inch	4-inch	6-inch
V (gal / ft)	0.041	0.163	0.37	0.65	1.5

Water Quality Readings Collected Using YSI-556 and Hach 2100

Parameter	Units	Readings						
Time	24 hr	0855	0905	0915	0925			
Water Level (0.33)	feet	8.34	9.56	9.56	9.57			
Volume Purged	gal	0.00	9.80	19.6	29.4			
Flow Rate	mL/min	-	-	-	-			
Turbidity (+/- 10%)	NTU	407	702	623	596			
Dissolved Oxygen (+/- 10%)	%	14.4	12.5	12.6	12.4			
Dissolved Oxygen (+/- 10%)	mg/L	1.43	1.32	1.32	1.31			
Eh / ORP (+/- 10)	MeV	29.6	-83.6	-28.7	-20.6			
Specific Conductivity (+/- 3%)	mS/cm^c	0.694	0.742	0.777	0.787			
Conductivity (+/- 3%)	mS/cm	-	-	-	-			
pH (+/- 0.1)	pH unit	14.83	10.58	9.04	8.11			
Temp (+/- 0.5)	C°	14.80	12.01	12.66	12.17			
Color	Visual	Clear	Murky	Cloudy	Cloudy			
Odor	Olfactory	None	None	None	None			

Comments:

Sampled @ 0930

Monitoring Well Purging / Sampling Form

Project Name and Number: 34 Freemans Bridge Road 60267206.2

Monitoring Well Number: MW-33 Date: August 27, 2019

Samplers: Greg Dunlavey and Alexandra Golden

Sample Number: MW-33 - 082719 QA/QC Collected? -

Purging / Sampling Method: Peripump

1. L = Well Depth:	13.85	feet
2. D = Riser Diameter (I.D.):		feet
3. W = Depth to Water:	8.00	feet
4. C = Column of Water in Well:		feet
5. V = Volume of Water in Well = C(3.14159)(0.5D)^2(7.48)	3.82	gal
6. 3(V) = Target Purge Volume	11.85	gal

D (inches)	D (feet)
1-inch	0.08
2-inch	0.17
3-inch	0.25
4-inch	0.33
6-inch	0.50

Conversion factors to determine V given C

D (inches)	1-inch	2-inch	3-inch	4-inch	6-inch
V (gal / ft)	0.041	0.163	0.37	0.65	1.5

Water Quality Readings Collected Using YSI-556 and Hach 2100

Parameter	Units	Readings						
Time	24 hr	1530	1542					
Water Level (0.33)	feet	8.05	12.91					
Volume Purged	gal	0.00	4.00					
Flow Rate	mL/min	-	-					
Turbidity (+/- 10%)	NTU	86	43					
Dissolved Oxygen (+/- 10%)	%	14.4	10.0					
Dissolved Oxygen (+/- 10%)	mg/L	1.36	0.95					
Eh / ORP (+/- 10)	MeV	-12.8	-4.1					
Specific Conductivity (+/- 3%)	mS/cm^c	1.488	0.626					
Conductivity (+/- 3%)	mS/cm	-	-					
pH (+/- 0.1)	pH unit	8.45	8.72					
Temp (+/- 0.5)	C°	17.78	17.77					
Color	Visual	Clear	Clear					
Odor	Olfactory	None	None					

Comments: Dry @ 1550
Sampled @ 1552

*PFAS

Appendix B

Historical Groundwater Analytical Summary (2008-2015)

Historical Groundwater Analytical Summary – Volatile Organic Compounds

Appendix B
Historical Groundwater Analytical Summary (2008-2015)
34 Freeman's Bridge Road
Glenville, New York
Site No. 447028
Volitile Organic Compounds

Sample ID			MW-11														MW-15													
Sampling Date			**3/27/08**	**8/26/08**	**12/3/08**	**3/26/09**	**6/18/09**	**9/16/09**	**12/8/09**	**3/3/10**	**9/28/10**	**1/17/12**	**5/8/13**	**6/11/14**	**11/10/15**		**3/26/08**	**8/26/08**	**12/5/08**	**3/27/09**	**6/19/09**	**9/17/09**	**12/10/09**	**3/5/10**	**9/30/10**	**1/17/12**	**5/9/13**	**6/13/14**	**11/12/15**	
Volatiles	CAS #	AWQS/GV Values																												
ETHYLBENZENE	100-41-4	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	8 U	5 U	1 U	1 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U	
METHYLCYCLOHEXANE	108-87-2	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	8 U	5 U	1 U	1 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U	
TOLUENE	108-88-3	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	8 U	5 U	1 U	1 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U	
CHLOROBENZENE	108-90-7	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	8 U	5 U	1 U	1 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U	
TETRACHLOROETHYLENE (PCE)	127-18-4	5	**7**	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	8 U	5 U	1 U	**0.56 J**		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U	
CIS-1,2-DICHLOROETHYLENE	156-59-2	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	8 U	5 U	1 U	**0.97 J**		**8.3**	**15**	**17**	5 U	**8.6**	**11**	**9.9**	5 U	5 U	**2.3**	**2.7**	**2.2**	**6.1**	
METHYL TERT-BUTYL ETHER	1634-04-4	10(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	8 U	5 U	1 U	1 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U	
M,P-XYLENES	179601-23-1	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	16 U	5 U	2 U	2 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2 U	2 U	2 U	2 U	
ACETONE	67-64-1	50(GV)	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	80 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
BENZENE	71-43-2	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	8 U	5 U	1 U	1 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U	
CHLOROMETHANE	74-87-3	NS	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	8 U	5 U	1 U	1 U		5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	1 U	1 U	1 U	
CHLOROETHANE	75-00-3	5	5 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	8 U	5 U	1 U	1 U		5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	1 U	1 U	1 U	
VINYL CHLORIDE	75-01-4	2	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	8 U	5 U	1 U	1 U		**16**	**76**	**44**	**11**	**21**	**21**	**18**	10 U	10 U	1 U	**12**	**6.2**	**9.9**	
METHYLENE CHLORIDE	75-09-2	5	5 U	5 U	**11**	5 U	5 U	5 U	5 U	5 U	5 U	8 U	**2.5 J**	1 U	1 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U	
CARBON DISULFIDE	75-15-0	60(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	8 U	5 U	1 U	1 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U	
METHYL ETHYL KETONE	78-93-3	50(GV)	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	80 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
TRICHLOROETHYLENE (TCE)	79-01-6	5	**17**	**9.9**	**12**	5 U	**11**	**5.7**	**7.5**	5 U	5 U	8 U	5 U	**0.65 J**	**0.87 J**		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U	
O-XYLENE	95-47-6	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	8 U	5 U	1 U	1 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U	
ISOPROPYLBENZENE	98-82-8	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	8 U	5 U	1 U	1 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U	
Total VOCs			**24**	**9.9**	**23**	ND	**11**	**5.7**	**7.5**	ND	ND	ND	**2.5**	**0.65**	**2.4**		**24.3**	**91**	**61**	**11**	**29.6**	**32**	**27.9**	ND	ND	**2.3**	**14.7**	**8.4**	**16.0**	

Sample ID			MW-11D														MW-15D													
Sampling Date			**3/27/08**	**8/26/08**	**12/3/08**	**3/26/09**	**6/18/09**	**9/16/09**	**12/10/09**	**3/3/10**	**9/28/10**	**1/17/12**	**5/8/13**	**6/11/14**	**11/10/15**		**3/26/08**	**8/26/08**	**12/5/08**	**3/27/09**	**6/19/09**	**9/17/09**	**12/10/09**	**3/5/10**	**9/30/10**	**1/17/12**	**5/9/13**	**6/13/14**	**11/12/15**	
Volatiles	CAS #	AWQS/GV Values																												
ETHYLBENZENE	100-41-4	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U	
METHYLCYCLOHEXANE	108-87-2	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U	
TOLUENE	108-88-3	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**4**	**3.9**	1 U	**8.2**	
CHLOROBENZENE	108-90-7	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U	
TETRACHLOROETHYLENE (PCE)	127-18-4	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U	
CIS-1,2-DICHLOROETHYLENE	156-59-2	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U	
METHYL TERT-BUTYL ETHER	1634-04-4	10(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U	
M,P-XYLENES	179601-23-1	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2 U	2 U	2 U	2 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2 U	2 U	2 U	2 U	
ACETONE	67-64-1	50(GV)	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
BENZENE	71-43-2	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U	
CHLOROMETHANE	74-87-3	NS	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	1 U	1 U	1 U		5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	1 U	1 U	1 U	
CHLOROETHANE	75-00-3	5	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	1 U	1 U	1 U		5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	1 U	1 U	1 U	
VINYL CHLORIDE	75-01-4	2	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	1 U	1 U	1 U		5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	1 U	1 U	1 U	
METHYLENE CHLORIDE	75-09-2	5	5 U	**5**	**5**	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U	
CARBON DISULFIDE	75-15-0	60(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U	
METHYL ETHYL KETONE	78-93-3	50(GV)	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	1 U	1 U	1 U		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
TRICHLOROETHYLENE (TCE)	79-01-6	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U	
O-XYLENE	95-47-6	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U	
ISOPROPYLBENZENE	98-82-8	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U	
Total VOCs			ND	**5**	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	**4**	**3.9**	ND	**8.2**	

Sample ID			MW-12														MW-16													
Sampling Date			**3/24/08**	**8/26/08**	**12/5/08**	**3/26/09**	**6/18/09**	**9/16/09**	**12/8/09**	**3/3/10**	**9/30/10**	**1/19/12**	**5/9/13**	**6/12/14**	**11/12/15**		**3/25/08**	**8/26/08**	**12/3/08**	**3/25/09**	**6/17/09**	**9/15/09**	**12/9/09**	**3/3/10**	**9/28/10**	**1/18/12**	**5/8/13**	**6/11/14**	**11/11/15**	
Volatiles	CAS #	AWQS/GV Values																												
ETHYLBENZENE	100-41-4	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	1 U	1 U	1 U	
METHYLCYCLOHEXANE	108-87-2	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	1 U	1 U	1 U	
TOLUENE	108-88-3	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	1 U	1 U	1 U	
CHLOROBENZENE	108-90-7	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	1 U	1 U	1 U	
TETRACHLOROETHYLENE (PCE)	127-18-4	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	1 U	1 U	1 U	
CIS-1,2-DICHLOROETHYLENE	156-59-2	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	1 U	1 U	1 U	
METHYL TERT-BUTYL ETHER	1634-04-4	10(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	1 U	1 U	1 U	
M,P-XYLENES	179601-23-1	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2 U	2 U	2 U	2 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	20 U	2 U	2 U	2 U	
ACETONE	67-64-1	50(GV)	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	**24**	10 U	**15**	10 U	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U	
BENZENE	71-43-2	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	1 U	1 U	1 U	
CHLOROMETHANE	74-87-3	NS	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	1 U	1 U	1 U		5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	1 U	1 U	
CHLOROETHANE	75-00-3	5	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	1 U	1 U	1 U		5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	1 U	1 U	
VINYL CHLORIDE	75-01-4	2	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	1 U	1 U	1 U		5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	1 U	1 U	
METHYLENE CHLORIDE	75-09-2	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	1 U	1 U	1 U	
CARBON DISULFIDE	75-15-0	60(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	1 U	**0.28 J**	1 U	
METHYL ETHYL KETONE	78-93-3	50(GV)	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U	
TRICHLOROETHYLENE (TCE)	79-01-6	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	**0.44 J**	1 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	1 U	1 U	1 U	
O-XYLENE	95-47-6	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	1 U	1 U	1 U	
ISOPROPYLBENZENE	98-82-8	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	1 U	1 U	1 U	
Total VOCs			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.44**		ND	**24**	ND	**15**	ND	ND	ND	ND	ND	ND	ND	**0.28**	ND	

Notes:
AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values
Units are micrograms per liter (µg/L)
NS - No Standard or Guidance Value
NA - Not analyzed
Detected concentrations shown in **bold** font.
Shaded cell indicates exceedances of AWQS/GV.
E - Value above quantitation range
B - For organic analyses - compound detected in laboratory method blank. For inorganic analyses - indicates trace concentration below reporting limit and equal to or above the detection limit.
U - Compound not detected at or above the instrument method detection limit (MDL).
ND - No analytes detected above MDL
J - Estimated concentration above the IDL but less than the contract required detection limits (CRDL).
D - Results from a subsequent dilution of the original sample due to original sample results being outside the linear range.
* - LCS or LCSD exceeds the control limits
** - Duplicate sample produced equivalent results
^ - ICV, CCV, ICB, CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.
F1 - MS and/or MSD Recovery is outside acceptance limits

Appendix B
Historical Groundwater Analytical Summary (2008-2015)
34 Freeman's Bridge Road
Glenville, New York
Site No. 447028
Volitile Organic Compounds

Sample ID			MW-16D												
Sampling Date			3/25/08	8/26/08	12/3/08	3/25/09	6/17/09	9/15/09	12/9/09	3/3/10	9/28/10	1/18/12	5/8/13	6/11/14	11/11/15
Volatiles	CAS #	AWQS/GV Values													
ETHYLBENZENE	100-41-4	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
METHYLCYCLOHEXANE	108-87-2	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
TOLUENE	108-88-3	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
CHLOROBENZENE	108-90-7	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
TETRACHLOROETHYLENE (PCE)	127-18-4	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
CIS-1,2-DICHLOROETHYLENE	156-59-2	5	**25**	**9.2**	**11**	**7.3**	**14**	**7.8**	**8.4**	**7.0**	**6.3**	**8.6**	**8.6**	**7.3**	**7.5** F1
METHYL TERT-BUTYL ETHER	1634-04-4	10(GV)	**5.9**	5 U	5 U	5 U	**11**	5 U	5 U	5 U	5 U	**1.7**	**1.2**	**1.3**	**1.1**
M,P-XYLENES	179601-23-1	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2 U	2 U	2 U	2 U
ACETONE	67-64-1	50(GV)	10 U	5 U	5 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BENZENE	71-43-2	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
CHLOROMETHANE	74-87-3	NS	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	1 U	1 U	1 U
CHLOROETHANE	75-00-3	5	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	1 U	1 U	1 U
VINYL CHLORIDE	75-01-4	2	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	1 U	1 U	1 U
METHYLENE CHLORIDE	75-09-2	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
CARBON DISULFIDE	75-15-0	60(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
METHYL ETHYL KETONE	78-93-3	50(GV)	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
TRICHLOROETHYLENE (TCE)	79-01-6	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
O-XYLENE	95-47-6	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
ISOPROPYLBENZENE	98-82-8	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
Total VOCs			30.9	9.2	11	7.3	25	7.8	8.4	7	6.3	10.3	9.8	8.6	8.6

Sample ID			MW-19D												
Sampling Date			3/26/08	8/25/08	12/4/08	3/27/09	6/18/09	9/16/09	12/10/09	3/4/10	9/28/10	1/18/12	5/9/13	6/13/14	11/12/15
Volatiles	CAS #	AWQS/GV Values													
ETHYLBENZENE	100-41-4	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
METHYLCYCLOHEXANE	108-87-2	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
TOLUENE	108-88-3	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
CHLOROBENZENE	108-90-7	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
TETRACHLOROETHYLENE (PCE)	127-18-4	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
CIS-1,2-DICHLOROETHYLENE	156-59-2	5	**36**	**33**	**42**	**34**	**43**	**26**	**29**	**20**	**24**	**25**	**25**	**24**	**22**
METHYL TERT-BUTYL ETHER	1634-04-4	10(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**8.5**	**3.3**	**4.7**	**3.9**	**3.5**
M,P-XYLENES	179601-23-1	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2 U	2 U	2 U	2 U
ACETONE	67-64-1	50(GV)	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BENZENE	71-43-2	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
CHLOROMETHANE	74-87-3	NS	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	1 U	1 U	1 U
CHLOROETHANE	75-00-3	5	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	1 U	1 U	1 U
VINYL CHLORIDE	75-01-4	2	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	1 U	1 U	1 U
METHYLENE CHLORIDE	75-09-2	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
CARBON DISULFIDE	75-15-0	60(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
METHYL ETHYL KETONE	78-93-3	50(GV)	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
TRICHLOROETHYLENE (TCE)	79-01-6	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
O-XYLENE	95-47-6	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
ISOPROPYLBENZENE	98-82-8	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
Total VOCs			36	33	42	34	43	26	29	20	32.5	28.3	29.7	27.9	25.5

Sample ID			MW-18												
Sampling Date			3/26/08	8/26/08	12/5/08	3/27/09	6/18/09	9/16/09	12/10/09	3/3/10	10/1/10	1/19/12	5/10/13	6/12/14	11/12/15
Volatiles	CAS #	AWQS/GV Values													
ETHYLBENZENE	100-41-4	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	NS
METHYLCYCLOHEXANE	108-87-2	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	NS
TOLUENE	108-88-3	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	NS
CHLOROBENZENE	108-90-7	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	NS
TETRACHLOROETHYLENE (PCE)	127-18-4	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**0.95** J	**0.6** J	**0.76** J	NS
CIS-1,2-DICHLOROETHYLENE	156-59-2	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	NS
METHYL TERT-BUTYL ETHER	1634-04-4	10(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	NS
M,P-XYLENES	179601-23-1	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2 U	2 U	2 U	NS
ACETONE	67-64-1	50(GV)	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	10 U	10 U	10 U	NS
BENZENE	71-43-2	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	NS
CHLOROMETHANE	74-87-3	NS	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	1 U	1 U	NS
CHLOROETHANE	75-00-3	5	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	1 U	1 U	NS
VINYL CHLORIDE	75-01-4	2	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	1 U	1 U	NS
METHYLENE CHLORIDE	75-09-2	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	NS
CARBON DISULFIDE	75-15-0	60(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	NS
METHYL ETHYL KETONE	78-93-3	50(GV)	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NS
TRICHLOROETHYLENE (TCE)	79-01-6	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**1.0**	1 U	1 U	NS
O-XYLENE	95-47-6	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	NS
ISOPROPYLBENZENE	98-82-8	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	NS
Total VOCs			ND	ND	ND	ND	ND	ND	ND	ND	ND	1.95	0.6	0.76	NS

Sample ID			MW-20												
Sampling Date			3/24/08	8/25/08	12/4/08	3/25/09	6/19/09	9/15/09	12/10/09	3/4/10	9/29/10	1/19/12	5/8/13	6/11/14	11/11/15
Volatiles	CAS #	AWQS/GV Values													
ETHYLBENZENE	100-41-4	5	5 U	50 U	100 U	100 U	50 U	25 U	25 U	50 U	5 U	8 U	20 U	20 U	2 U
METHYLCYCLOHEXANE	108-87-2	NS	5 U	50 U	100 U	100 U	50 U	25 U	25 U	50 U	5 U	8 U	20 U	20 U	2 U
TOLUENE	108-88-3	5	5 U	50 U	100 U	100 U	50 U	25 U	25 U	50 U	**5.1**	**5.0** J	20 U	20 U	**2.7**
CHLOROBENZENE	108-90-7	5	5 U	50 U	50 U	100 U	50 U	25 U	25 U	50 U	5 U	8 U	20 U	20 U	2 U
TETRACHLOROETHYLENE (PCE)	127-18-4	5	5 U	50 U	50 U	100 U	50 U	25 U	25 U	50 U	5 U	8 U	20 U	20 U	2 U
CIS-1,2-DICHLOROETHYLENE	156-59-2	5	5 U	50 U	100 U	100 U	50 U	25 U	25 U	50 U	5 U	8 U	20 U	20 U	2 U
METHYL TERT-BUTYL ETHER	1634-04-4	10(GV)	5 U	50 U	50 U	100 U	100 U	25 U	25 U	50 U	5 U	8 U	20 U	20 U	2 U
M,P-XYLENES	179601-23-1	5	5 U	50 U	100 U	100 U	50 U	25 U	25 U	50 U	5 U	16 U	40 U	40 U	4 U
ACETONE	67-64-1	50(GV)	**720** D	**1,400** D	**2,900** D	**1,900**	**1,300**	**670**	**1,100**	**1,100**	**360**	**1,400**	**1,700**	**1,100**	**360**
BENZENE	71-43-2	1	5 U	50 U	100 U	100 U	50 U	25 U	25 U	50 U	5 U	8 U	20 U	20 U	**3.2**
CHLOROMETHANE	74-87-3	NS	5 U	100 U	100 U	200 U	200 U	50 U	50 U	100 U	10 U	8 U	20 U	20 U	2 U
CHLOROETHANE	75-00-3	5	5 U	100 U	200 U	200 U	100 U	50 U	50 U	100 U	10 U	8 U	20 U	1 U	2 U
VINYL CHLORIDE	75-01-4	2	5 U	100 U	200 U	200 U	100 U	50 U	50 U	100 U	10 U	8 U	20 U	20 U	2 U
METHYLENE CHLORIDE	75-09-2	5	5 U	50 U	**120** D	100 U	100 U	25 U	25 U	50 U	5 U	8 U	20 U	**16** J	2 U
CARBON DISULFIDE	75-15-0	60(GV)	5 U	50 U	50 U	100 U	100 U	25 U	25 U	50 U	5 U	**4.9** J	20 U	**6.2** J	**2.5**
METHYL ETHYL KETONE	78-93-3	50(GV)	**77**	100 U	**290** D	200 U	**190**	**120**	**210**	**160**	**61**	**160**	**161**	**190** J	**57**
TRICHLOROETHYLENE (TCE)	79-01-6	5	5 U	50 U	50 U	100 U	50 U	25 U	25 U	50 U	5 U	8 U	20 U	20 U	2 U
O-XYLENE	95-47-6	5	5 U	50 U	100 U	100 U	50 U	25 U	25 U	50 U	5 U	8 U	20 U	20 U	2 U
ISOPROPYLBENZENE	98-82-8	5	5 U	50 U	100 U	100 U	50 U	25 U	25 U	50 U	5 U	8 U	20 U	20 U	2 U
Total VOCs			797	1,400	3,310	1,900	1,490	790	1,310	1,260	426	1,570	1,861	1,312	425

Sample ID			MW-19												
Sampling Date			3/26/08	8/25/08	12/4/08	3/27/09	6/18/09	9/16/09	12/10/09	3/4/10	9/28/10	1/18/12	5/9/13	6/10/14	11/12/15
Volatiles	CAS #	AWQS/GV Values													
ETHYLBENZENE	100-41-4	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4 U	1 U	NA	NA
METHYLCYCLOHEXANE	108-87-2	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4 U	1 U	NA	NA
TOLUENE	108-88-3	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4 U	1 U	NA	NA
CHLOROBENZENE	108-90-7	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4 U	1 U	NA	NA
TETRACHLOROETHYLENE (PCE)	127-18-4	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4 U	**1.2**	NA	NA
CIS-1,2-DICHLOROETHYLENE	156-59-2	5	5 U	5 U	5 U	5 U	**6.5**	**5.7**	5 U	5 U	**7.8**	4 U	**1.7**	NA	NA
METHYL TERT-BUTYL ETHER	1634-04-4	10(GV)	5 U	**23**	**12**	5 U	**9.4**	5 U	5 U	5 U	5 U	4 U	1 U	NA	NA
M,P-XYLENES	179601-23-1	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	8 U	2 U	NA	NA
ACETONE	67-64-1	50(GV)	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	40 U	10 U	NA	NA
BENZENE	71-43-2	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4 U	1 U	NA	NA
CHLOROMETHANE	74-87-3	NS	5 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	4 U	1 U	NA	NA
CHLOROETHANE	75-00-3	5	5 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	4 U	1 U	NA	NA
VINYL CHLORIDE	75-01-4	2	5 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	4 U	1 U	NA	NA
METHYLENE CHLORIDE	75-09-2	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4 U	1 U	NA	NA
CARBON DISULFIDE	75-15-0	60(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4 U	1 U	NA	NA
METHYL ETHYL KETONE	78-93-3	50(GV)	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	40 U	10 U	NA	NA
TRICHLOROETHYLENE (TCE)	79-01-6	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4 U	**0.6** J	NA	NA
O-XYLENE	95-47-6	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4 U	1 U	NA	NA
ISOPROPYLBENZENE	98-82-8	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4 U	1 U	NA	NA
Total VOCs			ND	23	12	ND	15.9	5.7	ND	ND	7.8	ND	3.5	NA	NA

Sample ID			MW-20D												
Sampling Date			3/24/08	8/25/08	12/4/08	3/25/09	6/19/09	9/15/09	12/10/09	3/4/10	9/29/10	1/19/12	5/8/13	6/11/14	11/11/15
Volatiles	CAS #	AWQS/GV Values													
ETHYLBENZENE	100-41-4	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
METHYLCYCLOHEXANE	108-87-2	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
TOLUENE	108-88-3	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
CHLOROBENZENE	108-90-7	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
TETRACHLOROETHYLENE (PCE)	127-18-4	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
CIS-1,2-DICHLOROETHYLENE	156-59-2	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
METHYL TERT-BUTYL ETHER	1634-04-4	10(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
M,P-XYLENES	179601-23-1	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2 U	2 U	2 U	2 U
ACETONE	67-64-1	50(GV)	10 U	10 U	10 U	10 U	10 U	**15**	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BENZENE	71-43-2	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
CHLOROMETHANE	74-87-3	NS	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	1 U	1 U	1 U
CHLOROETHANE	75-00-3	5	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	1 U	1 U	1 U
VINYL CHLORIDE	75-01-4	2	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	1 U	1 U	1 U
METHYLENE CHLORIDE	75-09-2	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
CARBON DISULFIDE	75-15-0	60(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
METHYL ETHYL KETONE	78-93-3	50(GV)	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
TRICHLOROETHYLENE (TCE)	79-01-6	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
O-XYLENE	95-47-6	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
ISOPROPYLBENZENE	98-82-8	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
Total VOCs			ND	ND	ND	ND	ND	15	ND	ND	ND	ND	ND	ND	ND

Notes:
AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values
Units are micrograms per liter (µg/L)
NS - No Standard or Guidance Value
NA - Not analyzed
Detected concentrations shown in **bold** font.
Shaded cell indicates exceedances of AWQS/GV.
E - Value above quantitation range
B - For organic analyses - compound detected in laboratory method blank. For inorganic analyses - indicates trace concentration below reporting limit and equal to or above the detection limit.
U - Compound not detected at or above the instrument method detection limit (MDL).
ND - No analytes detected above MDL
J - Estimated concentration above the IDL but less than the contract required detection limits (CRDL).
D - Results from a subsequent dilution of the original sample due to original sample results being outside the linear range.
* - LCS or LCSD exceeds the control limits
** - Duplicate sample produced equivalent results
^ - ICV, CCV, ICB, CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.
F1 - MS and/or MSD Recovery is outside acceptance limits

Appendix B
Historical Groundwater Analytical Summary (2008-2015)
34 Freeman's Bridge Road
Glenville, New York
Site No. 447028
Volitile Organic Compounds

Sample ID			MW-21												
Sampling Date			**3/24/08**	**8/25/08**	**12/4/08**	**3/26/09**	**6/17/09**	**9/16/09**	**12/10/09**	**3/4/10**	**9/30/10**	**1/20/12**	**5/9/13**	**6/11/14**	**11/10/15**
Volatiles	CAS #	AWQS/GV Values													
ETHYLBENZENE	100-41-4	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	8 U	1 U	1 U	1 U
METHYLCYCLOHEXANE	108-87-2	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	8 U	1 U	1 U	1 U
TOLUENE	108-88-3	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	8 U	1 U	1 U	1 U
CHLOROBENZENE	108-90-7	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	8 U	1 U	1 U	1 U
TETRACHLOROETHYLENE (PCE)	127-18-4	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	8 U	1 U	1 U	1 U
CIS-1,2-DICHLOROETHYLENE	156-59-2	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	8 U	1 U	1 U	1 U
METHYL TERT-BUTYL ETHER	1634-04-4	10(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	8 U	10 U	1 U	1 U
M,P-XYLENES	179601-23-1	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	16 U	2 U	2 U	2 U
ACETONE	67-64-1	50(GV)	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	80 U	10 U	10 U	10 U
BENZENE	71-43-2	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	8 U	1 U	1 U	1 U
CHLOROMETHANE	74-87-3	NS	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	8 U	1 U	1 U	1 U
CHLOROETHANE	75-00-3	5	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	8 U	1 U	1 U	1 UU
VINYL CHLORIDE	75-01-4	2	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	8 U	1 U	1 U	1 U
METHYLENE CHLORIDE	75-09-2	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	8 U	1 U	1 U	1 U
CARBON DISULFIDE	75-15-0	60(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	8 U	1 U	1 U	1 U
METHYL ETHYL KETONE	78-93-3	50(GV)	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	80 U	10 U	10 U	10 U
TRICHLOROETHYLENE (TCE)	79-01-6	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	8 U	1 U	1 U	1 U
O-XYLENE	95-47-6	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	8 U	1 U	1 U	1 U
ISOPROPYLBENZENE	98-82-8	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	8 U	1 U	1 U	1 U
Total VOCs			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Sample ID			MW-21D												
Sampling Date			**3/24/08**	**8/25/08**	**12/4/08**	**3/26/09**	**6/17/09**	**9/16/09**	**12/10/09**	**3/4/10**	**9/30/10***	**1/20/12**	**5/9/13**	**6/11/14**	**11/10/15**
Volatiles	CAS #	AWQS/GV Values													
ETHYLBENZENE	100-41-4	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
METHYLCYCLOHEXANE	108-87-2	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
TOLUENE	108-88-3	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
CHLOROBENZENE	108-90-7	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
TETRACHLOROETHYLENE (PCE)	127-18-4	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
CIS-1,2-DICHLOROETHYLENE	156-59-2	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
METHYL TERT-BUTYL ETHER	1634-04-4	10(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
M,P-XYLENES	179601-23-1	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2 U	2 U	2 U	2 U
ACETONE	67-64-1	50(GV)	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BENZENE	71-43-2	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
CHLOROMETHANE	74-87-3	NS	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	1 U	1 U	1 U
CHLOROETHANE	75-00-3	5	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	1 U	1 U	1 U
VINYL CHLORIDE	75-01-4	2	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	1 U	1 U	1 U
METHYLENE CHLORIDE	75-09-2	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
CARBON DISULFIDE	75-15-0	60(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
METHYL ETHYL KETONE	78-93-3	50(GV)	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
TRICHLOROETHYLENE (TCE)	79-01-6	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
O-XYLENE	95-47-6	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
ISOPROPYLBENZENE	98-82-8	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
Total VOCs			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Sample ID	MW-30												
Sampling Date	**3/25/08**	**8/26/08**	**12/5/08**	**3/27/09**	**6/19/09**	**9/17/09**	**12/10/09**	**3/5/10**	**9/30/10**	**1/20/12**	**5/9/13**	**6/11/14**	**11/11/15**
Volatiles													
ETHYLBENZENE	**110**	**1,700** D	**610** D	**1,100**	**700**	**780**	**800**	**220**	**160**	**62**	**210**	**1200**	**420**
METHYLCYCLOHEXANE	**26**	100 U	50 U	250 U	50 U	**64**	100 U	50 U	50 U	**12**	**12**	**22**	**19** ^
TOLUENE	**69**	100 U	50 U	250 U	50 U	**140**	100 U	50 U	50 U	**6.2** J	**54**	**10**	**5.1** J
CHLOROBENZENE	5 U	100 U	100 U	250 U	50 U	50 U	100 U	50 U	50 U	10 U	1 U	1 U	10 U
TETRACHLOROETHYLENE (PCE)	5 U	100 U	100 U	250 U	50 U	50 U	100 U	50 U	50 U	10 U	1 U	5 U	10 U
CIS-1,2-DICHLOROETHYLENE	**50**	100 U	50 U	250 U	50 U	50 U	100 U	50 U	50 U	10 U	1 U	5 U	10 U
METHYL TERT-BUTYL ETHER	5 U	100 U	100 U	250 U	50 U	50 U	100 U	50 U	50 U	10 U	1 U	5 U	10 U
M,P-XYLENES	**3,000** D	**8,500** E	**2,600** E	**10,000**	**4,100** EE	**4,000**	**7,700**	**1,900**	**1,500**	**750**	**740**	**1,300**	**230**
ACETONE	10 U	200 U	100 U	500 U	100 U	100 U	200 U	100 U	100 U	100 U	10 U	50 U	100 U
BENZENE	5 U	100 U	50 U	250 U	50 U	50 U	100 U	50 U	50 U	10 U	**2.9**	**3.9** J	10 U
CHLOROMETHANE	5 U	200 U	200 U	500 U	100 U	100 U	200 U	100 U	100 U	10 U	1 U	5 U	10 U
CHLOROETHANE	5 U	200 U	100 U	500 U	100 U	100 U	200 U	100 U	100 U	10 U	1 U	1 U	10 U
VINYL CHLORIDE	5 U	200 U	100 U	500 U	100 U	100 U	200 U	100 U	100 U	10 U	**3.9**	5 U	10 U
METHYLENE CHLORIDE	5 U	100 U	50 U	250 U	50 U	50 U	100 U	50 U	50 U	10 U	1 U	**4.5** J	10 U
CARBON DISULFIDE	5 U	100 U	100 U	250 U	50 U	50 U	100 U	50 U	50 U	10 U	1 U	5 U	10 U
METHYL ETHYL KETONE	10 U	200 U	100 U	500 U	100 U	100 U	200 U	100 U	100 U	100 U	10 U	25 U	100 U
TRICHLOROETHYLENE (TCE)	5 U	100 U	100 U	250 U	50 U	50 U	100 U	50 U	50 U	10 U	1 U	5 U	10 U
O-XYLENE	**110**	**140** D	**73** D	250 U	**79**	**150**	100 U	50 U	50 U	**16**	**63**	**19**	**80**
ISOPROPYLBENZENE	**72**	**180** D	**110** D	250 U	**90**	**150**	**100**	50 U	50 U	**48**	**38**	**74**	**40**
Total VOCs	**3,437**	**10,520**	**3,393**	**11,100**	**4,969**	**5,284**	**8,600**	**2,120**	**1,660**	**894.2**	**1,124**	**2,633**	**794**

Sample ID			MW-23												
Sampling Date			**3/27/08**	**8/25/08**	**12/3/08**	**3/25/09**	**6/17/09**	**9/15/09**	**12/9/09**	**3/3/10**	**9/29/10**	**1/18/12**	**5/8/13**	**6/12/14**	**11/11/15**
Volatiles	CAS #	AWQS/GV Values													
ETHYLBENZENE	100-41-4	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4 U	5 U	1 U	1 U
METHYLCYCLOHEXANE	108-87-2	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4 U	5 U	1 U	1 U
TOLUENE	108-88-3	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4 U	5 U	1 U	1 U
CHLOROBENZENE	108-90-7	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4 U	5 U	1 U	1 U
TETRACHLOROETHYLENE (PCE)	127-18-4	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4 U	5 U	1 U	1 U
CIS-1,2-DICHLOROETHYLENE	156-59-2	5	**49**	**68**	**21**	**61**	**99**	**33**	5 U	5 U	**24**	4 U	5 U	1 U	1 U
METHYL TERT-BUTYL ETHER	1634-04-4	10(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4 U	5 U	**0.19** J	1 U
M,P-XYLENES	179601-23-1	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	8 U	5 U	2 U	2 U
ACETONE	67-64-1	50(GV)	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	40 U	10 U	10 U	10 U
BENZENE	71-43-2	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4 U	5 U	1 U	1 U
CHLOROMETHANE	74-87-3	NS	5 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	4 U	10 U	1 U	1 U
CHLOROETHANE	75-00-3	5	5 U	10 U	**34**	5 U	10 U	**24**	10 U	10 U	10 U	4 U	10 U	1 U	1 U
VINYL CHLORIDE	75-01-4	2	**10**	10 U	**16**	**23**	**39**	**16**	10 U	10 U	**19**	4 U	10 U	1 U	1 U
METHYLENE CHLORIDE	75-09-2	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4 U	**3.1** J	1 U	1 U
CARBON DISULFIDE	75-15-0	60(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4 U	5 U	**0.32** J	1 U
METHYL ETHYL KETONE	78-93-3	50(GV)	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	40 U	10 U	10 U	10 U
TRICHLOROETHYLENE (TCE)	79-01-6	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4 U	5 U	1 U	1 U
O-XYLENE	95-47-6	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4 U	5 U	1 U	1 U
ISOPROPYLBENZENE	98-82-8	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4 U	5 U	1 U	1 U
Total VOCs			**59**	**68**	**71**	**84**	**138**	**73**	ND	ND	**43**	ND	**3.1**	**0.51**	ND

Sample ID	MW-31												
Sampling Date	**3/25/08**	**8/26/08**	**12/4/08**	**3/25/09**	**6/19/09**	**9/17/09**	**12/10/09**	**3/5/10**	**9/30/10**	**1/20/12**	**5/9/13**	**6/12/14**	**11/10/15**
Volatiles													
ETHYLBENZENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	1 U	1 U	1 U
METHYLCYCLOHEXANE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	1 U	1 U	1 U
TOLUENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	1 U	1 U	1 U
CHLOROBENZENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	1 U	1 U	1 U
TETRACHLOROETHYLENE (PCE)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	1 U	1 U	1 U
CIS-1,2-DICHLOROETHYLENE	**12**	**10**	**14**	**11**	**24**	**12**	**10**	**13**	**13**	**13**	**10**	**10**	**12**
METHYL TERT-BUTYL ETHER	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	**1.2**	**1.0**	**1.2**
M,P-XYLENES	**5.8**	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	20 U	2 U	2 U	2 U
ACETONE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
BENZENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	**2.2**	**2.0**	**2.4**
CHLOROMETHANE	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	1 U	1 U
CHLOROETHANE	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	1 U	1 U
VINYL CHLORIDE	**7.9**	**13**	**12**	**11**	**11**	10 U	10 U	**11**	10 U	10 U	**7.2**	**6.4**	**6.3**
METHYLENE CHLORIDE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	1 U	1 U	1 U
CARBON DISULFIDE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	1 U	1 U	1 U
METHYL ETHYL KETONE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
TRICHLOROETHYLENE (TCE)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	1 U	1 U	1 U
O-XYLENE	**140**	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	1 U	1 U	1 U
ISOPROPYLBENZENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	1 U	1 U	1 U
Total VOCs	**166**	**23**	**26**	**22**	**35**	**12**	**10**	**24**	**13**	**13**	**20.6**	**19.4**	**21.9**

Notes:
AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values
Units are micrograms per liter (µg/L)
NS - No Standard or Guidance Value
NA - Not analyzed
Detected concentrations shown in **bold** font.
Shaded cell indicates exceedances of AWQS/GV.
E - Value above quantitation range
B - For organic analyses - compound detected in laboratory method blank. For inorganic analyses - indicates trace concentration below reporting limit and equal to or above the detection limit.
U - Compound not detected at or above the instrument method detection limit (MDL).
ND - No analytes detected above MDL
J - Estimated concentration above the IDL but less than the contract required detection limits (CRDL).
D - Results from a subsequent dilution of the original sample due to original sample results being outside the linear range.
* - LCS or LCSD exceeds the control limits
** - Duplicate sample produced equivalent results
^ - ICV, CCV, ICB, CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.
F1 - MS and/or MSD Recovery is outside acceptance limits

Appendix B
Historical Groundwater Analytical Summary (2008-2015)
34 Freeman's Bridge Road
Glenville, New York
Site No. 447028
Volitile Organic Compounds

Sample ID			MW-32																			
Sampling Date			**3/27/08**		**8/26/08**		**12/5/08**		**3/26/09**		**6/19/09**		**9/17/09**		**12/8/09**		**3/4/10**		**9/30/10**		**1/19/12**		**5/10/13**		**6/12/14**		**11/11/15**	
Volatiles	CAS #	AWQS/GV Values																								
ETHYLBENZENE	100-41-4	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	8	U	8	U	1	U	1	U
METHYLCYCLOHEXANE	108-87-2	NS	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	8	U	8	U	1	U	1	U
TOLUENE	108-88-3	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	8	U	8	U	1	U	1	U
CHLOROBENZENE	108-90-7	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	8	U	8	U	1	U	**2.1**	
TETRACHLOROETHYLENE (PCE)	127-18-4	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	8	U	8	U	1	U	1	U
CIS-1,2-DICHLOROETHYLENE	156-59-2	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	8	U	8	U	1	U	1	U
METHYL TERT-BUTYL ETHER	1634-04-4	10(GV)	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	8	U	8	U	1	U	1	U
M,P-XYLENES	179601-23-1	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	16	U	16	U	2	U	2	U
ACETONE	67-64-1	50(GV)	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	80	U	80	U	10	U	10	U
BENZENE	71-43-2	1	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	8	U	8	U	1	U	1	U
CHLOROMETHANE	74-87-3	NS	5	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	8	U	8	U	1	U	1	U
CHLOROETHANE	75-00-3	5	5	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	8	U	8	U	1	U	1	U
VINYL CHLORIDE	75-01-4	2	5	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	8	U	8	U	1	U	1	U
METHYLENE CHLORIDE	75-09-2	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	8	U	8	U	1	U	1	U
CARBON DISULFIDE	75-15-0	60(GV)	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	8	U	8	U	1	U	1	U
METHYL ETHYL KETONE	78-93-3	50(GV)	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	80	U	80	U	10	U	10	U
TRICHLOROETHYLENE (TCE)	79-01-6	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	8	U	8	U	1	U	1	U
O-XYLENE	95-47-6	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	8	U	8	U	1	U	1	U
ISOPROPYLBENZENE	98-82-8	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	8	U	8	U	1	U	1	U
Total VOCs			ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		**2.1**	

Sample ID			MW-33																			
Sampling Date			**3/26/08**		**8/26/08**		**12/5/08**		**3/26/09**		**6/17/09**		**9/17/09**		**12/8/09**		**3/4/10**		**9/29/10**		**1/19/12**		**5/10/13**		**6/12/14**		**11/12/15**	
Volatiles	CAS #	AWQS/GV Values																								
ETHYLBENZENE	100-41-4	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	8	U	8	U	4	U	4	U
METHYLCYCLOHEXANE	108-87-2	NS	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	8	U	8	U	4	U	4	U
TOLUENE	108-88-3	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	8	U	8	U	4	U	4	U
CHLOROBENZENE	108-90-7	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	8	U	8	U	**4.5**		4	U
TETRACHLOROETHYLENE (PCE)	127-18-4	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	8	U	8	U	4	U	4	U
CIS-1,2-DICHLOROETHYLENE	156-59-2	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	8	U	8	U	4	U	4	U
METHYL TERT-BUTYL ETHER	1634-04-4	10(GV)	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	8	U	8	U	4	U	4	U
M,P-XYLENES	179601-23-1	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	16	U	16	U	8	U	8	U
ACETONE	67-64-1	50(GV)	**36**		10	U	**16**		10	U	10	U	**18**	**B**	10	U	10	U	10	U	80	U	80	U	40	U	40	U
BENZENE	71-43-2	1	5	U	**6**		5	U	5	U	**7.8**		**7.1**		5	U	5	U	5	U	8	U	8	U	4	U	4	U
CHLOROMETHANE	74-87-3	NS	5	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	8	U	8	U	4	U	4	U
CHLOROETHANE	75-00-3	5	5	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	8	U	8	U	4	U	4	U
VINYL CHLORIDE	75-01-4	2	5	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	8	U	8	U	4	U	4	U
METHYLENE CHLORIDE	75-09-2	5	5	U	5	U	5	U	5	U	5	U	**11**		5	U	5	U	5	U	8	U	8	U	4	U	4	U
CARBON DISULFIDE	75-15-0	60(GV)	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	8	U	8	U	4	U	4	U
METHYL ETHYL KETONE	78-93-3	50(GV)	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	80	U	80	U	40	U	40	U
TRICHLOROETHYLENE (TCE)	79-01-6	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	8	U	8	U	4	U	4	U
O-XYLENE	95-47-6	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	8	U	8	U	4	U	4	U
ISOPROPYLBENZENE	98-82-8	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	8	U	8	U	4	U	4	U
Total VOCs			**36**		**6**		**16**		ND		**7.8**		**36.1**		ND		ND		ND		ND		ND		**4.5**		ND	

Notes:
AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values
Units are micrograms per liter (µg/L)
NS - No Standard or Guidance Value
NA - Not analyzed
Detected concentrations shown in **bold** font.
Shaded cell indicates exceedances of AWQS/GV.
E - Value above quantitation range
B - For organic analyses - compound detected in laboratory method blank. For inorganic analyses - indicates trace concentration below reporting limit and equal to or above the detect
U - Compound not detected at or above the instrument method detection limit (MDL).
ND - No analytes detected above MDL
J - Estimated concentration above the IDL but less than the contract required detection limits (CRDL).
D - Results from a subsequent dilution of the original sample due to original sample results being outside the linear range.
* - LCS or LCSD exceeds the control limits
** - Duplicate sample produced equivalent results
^ - ICV, CCV, ICB, CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.
F1 - MS and/or MSD Recovery is outside acceptance limits

Historical Groundwater Analytical Summary – Semi–Volatile Organic Compounds

Appendix B
Historical Groundwater Analytical Summary (2008-2015)
34 Freeman's Bridge Road
Glenville, New York
Site No. 447028
Semi-Volatile Organic Compounds

Sample ID			MW-11												
Sampling Date			3/27/08	8/26/08	12/3/08	3/26/09	6/18/09	9/16/09	12/8/09	3/3/10	9/28/10	1/17/12	5/8/13	6/11/14	11/10/15
Semi-Volatiles	CAS #	AWQS/GV Values													
4-NITROPHENOL	100-02-7	1	10 U	26 U	26 U	25 U	25 U	25 U	25 U	25 U	26 U	9.5 U	5 U	2.0 U	9.8 U
BENZALDEHYDE	100-52-7	NS	5 U	NA	NA	NA	NA	NA	NA	NA	NA	4.8 U	5 U	1.0 U	**0.49** JB
CAPROLACTAM	105-60-2	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	**9.9**	**1.1** JB	4.9 U
2,4-DIMETHYLPHENOL	105-67-9	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	10 U	2.0 U	4.9 U
4-METHYLPHENOL	106-44-5	1	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	9.5 U	10 U	2.0 U	4.9 U
BIS(2-CHLOROISOPROPYL) ETHER	108-60-1	5	5 U	NA	NA	NA	NA	NA	NA	NA	5 U	4.8 U	5 U	1.0 U	4.9 U
PHENOL	108-95-2	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	**0.40** J	4.9 U
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	1.0 U	4.9 U
DI-N-OCTYLPHTHALATE	117-84-0	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	1.0 U	4.9 U
ANTHRACENE	120-12-7	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	0.20 U	4.9 U
PYRENE	129-00-0	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	0.20 U	4.9 U
DIBENZOFURAN	132-64-9	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	9.5 U	5 U	1.0 U	9.8 U
BENZO(G,H,I)PERYLENE	191-24-2	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	0.20 U	4.9 U
INDENO(1,2,3-C,D)PYRENE	193-39-5	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	0.20 U	4.9 U
BENZO(B)FLUORANTHENE	205-99-2	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	0.20 U	4.9 U
FLUORANTHENE	206-44-0	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	0.20 U	4.9 U
BENZO(K)FLUORANTHENE	207-08-9	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	0.20 U	4.9 U
ACENAPHTHYLENE	208-96-8	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	0.20 U	4.9 U
CHRYSENE	218-01-9	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	0.20 U	4.9 U
BENZO(A)PYRENE	50-32-8	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	0.20 U	4.9 U
DIBENZ(A,H)ANTHRACENE	53-70-3	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	0.20 U	4.9 U
BENZO(A)ANTHRACENE	56-55-3	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	0.20 U	4.9 U
ACENAPHTHENE	83-32-9	20	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	0.20 U	4.9 U
DIETHYL PHTHALATE	84-66-2	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	1.0 U	4.9 U
DI-N-BUTYL PHTHALATE	84-74-2	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**1.3** JB	**0.7** J	**0.96** JB	4.9 U
PHENANTHRENE	85-01-8	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	0.20 U	4.9 U
BENZYL BUTYL PHTHALATE	85-68-7	50(GV)	5 U	NA	NA	NA	NA	NA	5 U	5 U	5 U	4.8 U	NA	**0.62** J	4.9 U
FLUORENE	86-73-7	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	0.20 U	4.9 U
CARBAZOLE	86-74-8	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	1.0 U	4.9 U
NAPHTHALENE	91-20-3	10(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	0.20 U	4.9 U
2-METHYLPHENOL	95-48-7	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	1.0 U	4.9 U
2-CHLOROPHENOL	95-57-8	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	1.0 U	4.9 U
ACETOPHENONE	98-86-2	NS	5 U	NA	NA	NA	NA	NA	NA	NA	5 U	4.8 U	5 U	**0.36** JB	4.9 U
Total SVOCs			ND	ND	ND	ND	ND	ND	ND	ND	ND	**1.3**	**10.6**	**3.44**	**0.49**

Sample ID			MW-11D												
Sampling Date			3/27/08	8/26/08	12/3/08	3/26/09	6/18/09	9/16/09	12/10/09	3/3/10	9/28/10	1/17/12	5/8/13	6/11/14	11/10/15
Semi-Volatiles	CAS #	AWQS/GV Values													
4-NITROPHENOL	100-02-7	1	10 U	25 U	25 U	26 U	25 U	25 U	25 U	25 U	25 U	9.8 U	5 U	2.0 U	9.5 U
BENZALDEHYDE	100-52-7	NS	5 U	NA	NA	NA	NA	NA	NA	NA	NA	4.9 U	5.1 U	1.0 U	**0.45** JB
CAPROLACTAM	105-60-2	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5.1 U	**0.46** JB	4.8 U
2,4-DIMETHYLPHENOL	105-67-9	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5.1 U	2.0 U	4.8 U
4-METHYLPHENOL	106-44-5	1	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	9.8 U	5.1 U	2.0 U	4.8 U
BIS(2-CHLOROISOPROPYL) ETHER	108-60-1	5	5 U	NA	NA	NA	NA	NA	NA	NA	5 U	4.9 U	5.1 U	1.0 U	4.8 U
PHENOL	108-95-2	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5.1 U	1.0 U	4.8 U
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	5	5 U	5 U	**6** B	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5.1 U	1.0 U	4.8 U
DI-N-OCTYLPHTHALATE	117-84-0	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5.1 U	1.0 U	4.8 U
ANTHRACENE	120-12-7	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5.1 U	0.20 U	4.8 U
PYRENE	129-00-0	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5.1 U	0.20 U	4.8 U
DIBENZOFURAN	132-64-9	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	9.8 U	10 U	1.0 U	9.5 U
BENZO(G,H,I)PERYLENE	191-24-2	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5.1 U	0.20 U	4.8 U
INDENO(1,2,3-C,D)PYRENE	193-39-5	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5.1 U	0.20 U	4.8 U
BENZO(B)FLUORANTHENE	205-99-2	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5.1 U	0.20 U	4.8 U
FLUORANTHENE	206-44-0	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5.1 U	0.20 U	4.8 U
BENZO(K)FLUORANTHENE	207-08-9	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5.1 U	0.20 U	4.8 U
ACENAPHTHYLENE	208-96-8	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5.1 U	0.20 U	4.8 U
CHRYSENE	218-01-9	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5.1 U	0.20 U	4.8 U
BENZO(A)PYRENE	50-32-8	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5.1 U	0.20 U	4.8 U
DIBENZ(A,H)ANTHRACENE	53-70-3	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5.1 U	0.20 U	4.8 U
BENZO(A)ANTHRACENE	56-55-3	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5.1 U	0.20 U	4.8 U
ACENAPHTHENE	83-32-9	20	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5.1 U	0.20 U	4.8 U
DIETHYL PHTHALATE	84-66-2	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5.1 U	1.0 U	4.8 U
DI-N-BUTYL PHTHALATE	84-74-2	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**1.7** JB	**0.36** J	**0.88** JB	4.8 U
PHENANTHRENE	85-01-8	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5.1 U	0.20 U	4.8 U
BENZYL BUTYL PHTHALATE	85-68-7	50(GV)	5 U	NA	NA	NA	NA	NA	5 U	5 U	5 U	4.9 U	5.1 U	1.0 U	4.8 U
FLUORENE	86-73-7	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5.1 U	0.20 U	4.8 U
CARBAZOLE	86-74-8	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5.1 U	1.0 U	4.8 U
NAPHTHALENE	91-20-3	10(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5.1 U	0.20 U	4.8 U
2-METHYLPHENOL	95-48-7	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5.1 U	1.0 U	4.8 U
2-CHLOROPHENOL	95-57-8	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5.1 U	1.0 U	4.8 U
ACETOPHENONE	98-86-2	NS	5 U	NA	NA	NA	NA	NA	NA	NA	5 U	4.9 U	5.1 U	**0.32** JB	4.8 U
Total SVOCs			ND	ND	**6**	ND	ND	ND	ND	ND	ND	**1.7**	**0.36**	**1.66**	**0.45**

Sample ID			MW-15												
Sampling Date			3/26/08	8/26/08	12/5/08	3/27/09	6/19/09	9/17/09	12/10/09	3/5/10	9/30/10	1/17/12	5/9/13	6/13/14	11/12/15
Semi-Volatiles	CAS #	AWQS/GV Values													
4-NITROPHENOL	100-02-7	1	10 U	28 U	28 U	25 U	25 U	25 U	25 U	25 U	25 U	51 U	5 U	2.0 U	11 U
BENZALDEHYDE	100-52-7	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 U	1.0 U	**0.34** JB
CAPROLACTAM	105-60-2	NS	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U	5 U	**3.2** JHB	5.4 U
2,4-DIMETHYLPHENOL	105-67-9	50(GV)	5 U	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U	5 U	2.0 U	5.4 U
4-METHYLPHENOL	106-44-5	1	5 U	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	51 U	5 U	2.0 U	5.4 U
BIS(2-CHLOROISOPROPYL) ETHER	108-60-1	5	5 U	NA	NA	NA	NA	NA	NA	NA	5 U	25 U	5 U	1.0 U	5.4 U
PHENOL	108-95-2	1	5 U	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U	5 U	**1.7** H	5.4 U
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	5	5 U	6 U	**7** B	5 U	5 U	5 U	5 U	5 U	5 U	**14** J	**2** J	**45** HB	5.4 U
DI-N-OCTYLPHTHALATE	117-84-0	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	1.0 U	5.4 U
ANTHRACENE	120-12-7	50(GV)	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U	5 U	0.20 U	5.4 U
PYRENE	129-00-0	50(GV)	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**2.1** J	**0.93** J	**0.42** H	5.4 U
DIBENZOFURAN	132-64-9	NS	5 U	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	51 U	5 U	1.0 U	11 U
BENZO(G,H,I)PERYLENE	191-24-2	NS	5 U	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U	**0.44** J	0.20 U	5.4 U
INDENO(1,2,3-C,D)PYRENE	193-39-5	0.002 (GV)	5 U	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U	5 U	0.20 U	5.4 U
BENZO(B)FLUORANTHENE	205-99-2	0.002 (GV)	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U	5 U	**0.30** H	5.4 U
FLUORANTHENE	206-44-0	50(GV)	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**2.6** J	**0.6** J	**0.40** H	5.4 U
BENZO(K)FLUORANTHENE	207-08-9	0.002 (GV)	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U	5 U	0.20 U	5.4 U
ACENAPHTHYLENE	208-96-8	NS	5 U	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U	5 U	0.20 U	5.4 U
CHRYSENE	218-01-9	0.002 (GV)	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**1.7** J	**0.76** J	0.20 U	5.4 U
BENZO(A)PYRENE	50-32-8	NS	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U	5 U	0.20 U	5.4 U
DIBENZ(A,H)ANTHRACENE	53-70-3	NS	5 U	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U	5 U	0.20 U	5.4 U
BENZO(A)ANTHRACENE	56-55-3	0.002 (GV)	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U	**0.66** J	0.20 U	5.4 U
ACENAPHTHENE	83-32-9	20	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U	5 U	0.20 U	5.4 U
DIETHYL PHTHALATE	84-66-2	50(GV)	5 U	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U	5 U	1.0 U	**0.37** J
DI-N-BUTYL PHTHALATE	84-74-2	50(GV)	5 U	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	**2.1** JB	**0.45** J	**2.2** HB	5.4 U
PHENANTHRENE	85-01-8	50(GV)	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U	5 U	**0.23** H	5.4 U
BENZYL BUTYL PHTHALATE	85-68-7	50(GV)	5 U	NA	NA	NA	NA	NA	5 U	5 U	5 U	25 U	5 U	**0.29** JHB	5.4 U
FLUORENE	86-73-7	50(GV)	5 U	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U	5 U	0.20 U	5.4 U
CARBAZOLE	86-74-8	NS	5 U	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U	5 U	1.0 U	5.4 U
NAPHTHALENE	91-20-3	10(GV)	5 U	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U	5 U	0.20 U	5.4 U
2-METHYLPHENOL	95-48-7	1	5 U	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U	5 U	1.0 U	5.4 U
2-CHLOROPHENOL	95-57-8	1	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U	5 U	1.0 U	5.4 U
ACETOPHENONE	98-86-2	NS	5 U	NA	NA	NA	NA	NA	NA	NA	5 U	25 U	5 U	**0.86** JHB	5.4 U
Total SVOCs			ND	ND	**7**	ND	ND	ND	ND	ND	ND	**22.5**	**5.8**	**54.6**	**0.71**

Sample ID			MW-15D												
Sampling Date			3/26/08	8/26/08	12/5/08	3/27/09	6/19/09	9/17/09	12/10/09	3/5/10	9/30/10	1/17/12	5/9/13	6/13/14	11/12/15
Semi-Volatiles	CAS #	AWQS/GV Values													
4-NITROPHENOL	100-02-7	1	10 U	26 U	26 U	25 U	25 U	26 U	25	25	25 U	9.7 U	5 U	**0.79** JH	39 U
BENZALDEHYDE	100-52-7	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 U	1.0 U	19 U
CAPROLACTAM	105-60-2	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	**1.7** JHB	19 U
2,4-DIMETHYLPHENOL	105-67-9	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	2.0 U	19 U
4-METHYLPHENOL	106-44-5	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	9.7 U	**1.8** J	2.0 U	39 U
BIS(2-CHLOROISOPROPYL) ETHER	108-60-1	5	5 U	NA	NA	NA	NA	NA	NA	NA	5 U	4.8 U	5 U	1.0 U	19 U
PHENOL	108-95-2	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	**1.9** H	19 U
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	1.0 U	19 U
DI-N-OCTYLPHTHALATE	117-84-0	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	1.0 U	19 U
ANTHRACENE	120-12-7	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	0.20 U	19 U
PYRENE	129-00-0	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	**0.37** J	**0.51** H	19 U
DIBENZOFURAN	132-64-9	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	9.7 U	5 U	1.0 U	39 U
BENZO(G,H,I)PERYLENE	191-24-2	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	0.20 U	19 U
INDENO(1,2,3-C,D)PYRENE	193-39-5	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	0.20 U	19 U
BENZO(B)FLUORANTHENE	205-99-2	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	**0.48** J	**0.33** H	19 U
FLUORANTHENE	206-44-0	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	**0.55** H	19 U
BENZO(K)FLUORANTHENE	207-08-9	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	0.20 U	19 U
ACENAPHTHYLENE	208-96-8	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	0.20 U	19 U
CHRYSENE	218-01-9	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	**0.31** H	19 U
BENZO(A)PYRENE	50-32-8	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	**0.20** H	19 U
DIBENZ(A,H)ANTHRACENE	53-70-3	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	0.20 U	19 U
BENZO(A)ANTHRACENE	56-55-3	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	**0.41** J	**0.26** H	19 U
ACENAPHTHENE	83-32-9	20	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	0.20 U	19 U
DIETHYL PHTHALATE	84-66-2	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	1.0 U	19 U
DI-N-BUTYL PHTHALATE	84-74-2	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**1.1** JB	**0.38** J	**1.1** HB	19 U
PHENANTHRENE	85-01-8	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	**0.34** H	19 U
BENZYL BUTYL PHTHALATE	85-68-7	50(GV)	5 U	NA	NA	NA	NA	NA	5 U	5 U	5 U	4.8 U	5 U	**0.49** JHB	19 U
FLUORENE	86-73-7	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	0.20 U	19 U
CARBAZOLE	86-74-8	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	1.0 U	19 U
NAPHTHALENE	91-20-3	10(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	0.20 U	19 U
2-METHYLPHENOL	95-48-7	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	1.0 U	19 U
2-CHLOROPHENOL	95-57-8	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	1.0 U	19 U
ACETOPHENONE	98-86-2	NS	5 U	NA	NA	NA	NA	NA	NA	NA	5 U	4.8 U	5 U	**0.76** JHB	19 U
Total SVOCs			ND	ND	ND	ND	ND	ND	ND	ND	ND	**1.1**	**3.4**	**9.2**	ND

Notes:
AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values
Units are micrograms per liter (µg/L)
NS - No Standard or Guidance Value
NA - Not analyzed
Detected concentrations shown in **bold** font.
Shaded cell indicates exceedances of AWQS/GV.
E - Value above quantitation range
B - For organic analyses - compound detected in laboratory method blank. For inorganic analyses - indicates trace concentration below reporting limit and equal to or above the detection limit.
U - Compound not detected at or above the instrument detection limit (IDL).
ND - No analytes detected above MDL
J - Estimated concentration above the IDL but less than the contract required detection limits (CRDL).
D - Results from a subsequent dilution of the original sample due to original sample results being outside the linear range.
* - LCS or LCSD exceeds the control limits
** - Duplicate sample produced equivalent results
H - Sample was prepped or analyzed beyond the specific holding time

Appendix B
Historical Groundwater Analytical Summary (2008-2015)
34 Freeman's Bridge Road
Glenville, New York
Site No. 447028
Semi-Volatile Organic Compounds

Sample ID			MW-16D												
Sampling Date			**3/25/08**	**8/26/08**	**12/3/08**	**3/25/09**	**6/17/09**	**9/15/09**	**12/9/09**	**3/3/10**	**9/28/10**	**1/18/12**	**5/8/2013**	**6/11/2014**	**11/11/15**
Semi-Volatiles	CAS #	AWQS/GV Values													
4-NITROPHENOL	100-02-7	1	10 U	26 U	26 U	25 U	25 U	25 U	26 U	26 U	25 U	9.9 U	5 U	2.0 U	9.5 U
BENZALDEHYDE	100-52-7	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 U	1.0 U	4.8 U
CAPROLACTAM	105-60-2	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**0.76 JB**	4.8 U
2,4-DIMETHYLPHENOL	105-67-9	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2.0 U	4.8 U
4-METHYLPHENOL	106-44-5	1	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	9.9 U	5 U	2.0 U	9.5 U
BIS(2-CHLOROISOPROPYL) ETHER	108-60-1	5	5 U	NA	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	1.0 U	4.8 U
PHENOL	108-95-2	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1.0 U	4.8 U
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1.0 U	4.8 U
DI-N-OCTYLPHTHALATE	117-84-0	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.8 U	5 U	1.0 U	5 U
ANTHRACENE	120-12-7	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.8 U
PYRENE	129-00-0	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.8 U
DIBENZOFURAN	132-64-9	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	9.9 U	5 U	1.0 U	9.5 U
BENZO(G,H,I)PERYLENE	191-24-2	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.8 U
INDENO(1,2,3-C,D)PYRENE	193-39-5	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.8 U
BENZO(B)FLUORANTHENE	205-99-2	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.8 U
FLUORANTHENE	206-44-0	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.8 U
BENZO(K)FLUORANTHENE	207-08-9	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.8 U
ACENAPHTHYLENE	208-96-8	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.8 U
CHRYSENE	218-01-9	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.8 U
BENZO(A)PYRENE	50-32-8	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.8 U
DIBENZ(A,H)ANTHRACENE	53-70-3	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.8 U
BENZO(A)ANTHRACENE	56-55-3	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.8 U
ACENAPHTHENE	83-32-9	20	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.8 U
DIETHYL PHTHALATE	84-66-2	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1.0 U	4.8 U
DI-N-BUTYL PHTHALATE	84-74-2	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**1.8 JB**	**0.42 J**	**1.3 B**	4.8 U
PHENANTHRENE	85-01-8	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.8 U
BENZYL BUTYL PHTHALATE	85-68-7	50(GV)	5 U	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	**2.6**	**0.46 J**
FLUORENE	86-73-7	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.8 U
CARBAZOLE	86-74-8	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1.0 U	4.8 U
NAPHTHALENE	91-20-3	10(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.8 U
2-METHYLPHENOL	95-48-7	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1.0 U	4.8 U
2-CHLOROPHENOL	95-57-8	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1.0 U	4.8 U
ACETOPHENONE	98-86-2	NS	5 U	NA	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	1.0 U	4.8 U
Total SVOCs			ND	ND	ND	ND	ND	ND	ND	ND	ND	**1.8**	**0.42**	**4.66**	**0.46**

Sample ID			MW-12												
Sampling Date			**3/24/08**	**8/26/08**	**12/5/08**	**3/26/09**	**6/18/09**	**9/16/09**	**12/8/09**	**3/3/10**	**9/30/10**	**1/19/12**	**5/9/13**	**6/12/14**	**11/12/15**
Semi-Volatiles	CAS #	AWQS/GV Values													
4-NITROPHENOL	100-02-7	1	10 U	25 U	25 U	25 U	25 U	25 U	26 U	5 U	26 U	10 U	5 U	2.0 U	9.2 U
BENZALDEHYDE	100-52-7	NS	5.1 U	NA	NA	NA	NA	NA	NA	NA	NA	5 U	5.1 U	1.0 U	**0.29 JB**
CAPROLACTAM	105-60-2	NS	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**30**	**1.7 JB**	4.6 U
2,4-DIMETHYLPHENOL	105-67-9	50(GV)	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	2.0 U	4.6 U
4-METHYLPHENOL	106-44-5	1	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	10 U	2.0 U	4.6 U
BIS(2-CHLOROISOPROPYL) ETHER	108-60-1	5	5.1 U	NA	NA	NA	NA	NA	NA	NA	5 U	5 U	5.1 U	1.0 U	4.6 U
PHENOL	108-95-2	1	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	1.0 U	4.6 U
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	5	5.1 U	5 U	**7 B**	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	**2.2**	4.6 U
DI-N-OCTYLPHTHALATE	117-84-0	50(GV)	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	1.0 U	4.6 U
ANTHRACENE	120-12-7	50(GV)	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	0.20 U	4.6 U
PYRENE	129-00-0	50(GV)	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	0.20 U	4.6 U
DIBENZOFURAN	132-64-9	NS	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	10 U	1.0 U	9.2 U
BENZO(G,H,I)PERYLENE	191-24-2	NS	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5.1 U	0.20 U	4.6 U
INDENO(1,2,3-C,D)PYRENE	193-39-5	0.002 (GV)	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5.1 U	0.20 U	4.6 U
BENZO(B)FLUORANTHENE	205-99-2	0.002 (GV)	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	0.20 U	4.6 U
FLUORANTHENE	206-44-0	50(GV)	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	0.20 U	4.6 U
BENZO(K)FLUORANTHENE	207-08-9	0.002 (GV)	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	0.20 U	4.6 U
ACENAPHTHYLENE	208-96-8	NS	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	0.20 U	4.6 U
CHRYSENE	218-01-9	0.002 (GV)	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	0.20 U	4.6 U
BENZO(A)PYRENE	50-32-8	NS	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	0.20 U	4.6 U
DIBENZ(A,H)ANTHRACENE	53-70-3	NS	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5.1 U	0.20 U	4.6 U
BENZO(A)ANTHRACENE	56-55-3	0.002 (GV)	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	0.20 U	4.6 U
ACENAPHTHENE	83-32-9	20	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	0.20 U	4.6 U
DIETHYL PHTHALATE	84-66-2	50(GV)	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**0.56 J**	**0.36 JB**	4.6 U
DI-N-BUTYL PHTHALATE	84-74-2	50(GV)	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**1.3 JB**	5.1 U	**2.1 B**	4.6 U
PHENANTHRENE	85-01-8	50(GV)	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	0.20 U	4.6 U
BENZYL BUTYL PHTHALATE	85-68-7	50(GV)	5.1 U	NA	NA	NA	NA	NA	5 U	5	5 U	5 U	5.1 U	**0.48 J**	4.6 U
FLUORENE	86-73-7	50(GV)	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	0.20 U	4.6 U
CARBAZOLE	86-74-8	NS	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	1.0 U	4.6 U
NAPHTHALENE	91-20-3	10(GV)	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	0.20 U	4.6 U
2-METHYLPHENOL	95-48-7	1	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	1.0 U	4.6 U
2-CHLOROPHENOL	95-57-8	1	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	1.0 U	4.6 U
ACETOPHENONE	98-86-2	NS	5.1 U	NA	**7**	NA	NA	NA	NA	5	5 U	5 U	5.1 U	**0.37 JB**	4.6 U
Total SVOCs			ND	ND	ND	ND	ND	ND	ND	ND	ND	**1.3**	**30.6**	**7.2**	**0.29**

Sample ID			MW-18												
Sampling Date			**3/26/08**	**8/26/08**	**12/5/08**	**3/27/09**	**6/18/09**	**9/16/09**	**12/10/09**	**3/3/10**	**10/1/10**	**1/19/12**	**5/10/2013**	**6/12/2014**	**11/13/15**
Semi-Volatiles	CAS #	AWQS/GV Values													
4-NITROPHENOL	100-02-7	1	10 U	26 U	10 U	25 U	25 U	25 U	25 U	25 U	25 U	10 U	5 U	2.0 U	NS
BENZALDEHYDE	100-52-7	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 U	1.0 U	NS
CAPROLACTAM	105-60-2	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**3.7 JB**	NS
2,4-DIMETHYLPHENOL	105-67-9	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.2 U	5 U	2.0 U	NS
4-METHYLPHENOL	106-44-5	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	10 U	2.0 U	NS
BIS(2-CHLOROISOPROPYL) ETHER	108-60-1	5	5 U	NA	5 U	NA	NA	NA	NA	NA	5 U	5.2 U	5 U	1.0 U	NS
PHENOL	108-95-2	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.2 U	5 U	**1.8**	NS
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.2 U	5 U	1.0 U	NS
DI-N-OCTYLPHTHALATE	117-84-0	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	1.0 U	NS
ANTHRACENE	120-12-7	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.2 U	5 U	0.20 U	NS
PYRENE	129-00-0	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.2 U	5 U	0.20 U	NS
DIBENZOFURAN	132-64-9	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	10 U	1.0 U	NS
BENZO(G,H,I)PERYLENE	191-24-2	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.2 U	5 U	0.20 U	NS
INDENO(1,2,3-C,D)PYRENE	193-39-5	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.2 U	5 U	0.20 U	NS
BENZO(B)FLUORANTHENE	205-99-2	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.2 U	5 U	0.20 U	NS
FLUORANTHENE	206-44-0	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.2 U	5 U	0.20 U	NS
BENZO(K)FLUORANTHENE	207-08-9	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.2 U	5 U	0.20 U	NS
ACENAPHTHYLENE	208-96-8	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.2 U	5 U	0.20 U	NS
CHRYSENE	218-01-9	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.2 U	5 U	0.20 U	NS
BENZO(A)PYRENE	50-32-8	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.2 U	5 U	0.20 U	NS
DIBENZ(A,H)ANTHRACENE	53-70-3	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.2 U	5 U	0.20 U	NS
BENZO(A)ANTHRACENE	56-55-3	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.2 U	5 U	0.20 U	NS
ACENAPHTHENE	83-32-9	20	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.2 U	5 U	0.20 U	NS
DIETHYL PHTHALATE	84-66-2	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.2 U	5 U	**0.64 JB**	NS
DI-N-BUTYL PHTHALATE	84-74-2	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**1.4 JB**	**0.51 J**	**2.7 B**	NS
PHENANTHRENE	85-01-8	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.2 U	5 U	0.20 U	NS
BENZYL BUTYL PHTHALATE	85-68-7	50(GV)	5 U	NA	5 U	NA	NA	NA	5 U	5 U	5 U	5.2 U	5 U	1.0 U	NS
FLUORENE	86-73-7	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.2 U	5 U	0.20 U	NS
CARBAZOLE	86-74-8	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.2 U	5 U	1.0 U	NS
NAPHTHALENE	91-20-3	10(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.2 U	5 U	0.20 U	NS
2-METHYLPHENOL	95-48-7	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.2 U	5 U	1.0 U	NS
2-CHLOROPHENOL	95-57-8	1	5 U	**9**	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.2 U	5 U	1.0 U	NS
ACETOPHENONE	98-86-2	NS	5 U	NA	5 U	NA	NA	NA	NA	NA	5 U	5.2 U	5 U	**0.53 JB**	NS
Total SVOCs			ND	**9**	ND	ND	ND	ND	ND	ND	ND	**1.4**	**0.51**	**9.4**	NS

Sample ID			MW-16												
Sampling Date			**3/25/08**	**8/26/08**	**12/3/08**	**3/25/09**	**6/17/09**	**9/15/09**	**12/9/09**	**3/3/10**	**9/28/10**	**1/18/12**	**5/8/13**	**6/11/14**	**11/11/15**
Semi-Volatiles	CAS #	AWQS/GV Values													
4-NITROPHENOL	100-02-7	1	10 U	25 U	25 U	26 U	25 U	25 U	25 U	5 U	25 U	10 U	5 U	2.0 U	9.3 U
BENZALDEHYDE	100-52-7	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.57 JB**	1.0 U	**0.29 J**
CAPROLACTAM	105-60-2	NS	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	5.1 U	**1.2 JB**	4.6 U
2,4-DIMETHYLPHENOL	105-67-9	50(GV)	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	5.1 U	2.0 U	4.6 U
4-METHYLPHENOL	106-44-5	1	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	10 U	2.0 U	9.3 U
BIS(2-CHLOROISOPROPYL) ETHER	108-60-1	5	**4.8 J**	NA	NA	NA	NA	NA	NA	NA	5 U	**1.3 J**	**1.4 J**	**0.87 J**	4.6 U
PHENOL	108-95-2	1	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	5.1 U	**0.46 J**	4.6 U
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	5	5.2 U	5 U	5 U	5 U	5 U	5 U	**17**	5 U	5 U	5.1 U	5.1 U	**1.6 J**	4.6 U
DI-N-OCTYLPHTHALATE	117-84-0	50(GV)	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	1.0 U	4.6 U
ANTHRACENE	120-12-7	50(GV)	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	5.1 U	0.20 U	4.6 U
PYRENE	129-00-0	50(GV)	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	5.1 U	0.20 U	4.6 U
DIBENZOFURAN	132-64-9	NS	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	10 U	1.0 U	9.3 U
BENZO(G,H,I)PERYLENE	191-24-2	NS	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5.1 U	5.1 U	0.20 U	4.6 U
INDENO(1,2,3-C,D)PYRENE	193-39-5	0.002 (GV)	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5.1 U	5.1 U	0.20 U	4.6 U
BENZO(B)FLUORANTHENE	205-99-2	0.002 (GV)	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	5.1 U	0.20 U	4.6 U
FLUORANTHENE	206-44-0	50(GV)	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	5.1 U	0.20 U	4.6 U
BENZO(K)FLUORANTHENE	207-08-9	0.002 (GV)	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	5.1 U	0.20 U	4.6 U
ACENAPHTHYLENE	208-96-8	NS	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	5.1 U	0.20 U	4.6 U
CHRYSENE	218-01-9	0.002 (GV)	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	5.1 U	0.20 U	4.6 U
BENZO(A)PYRENE	50-32-8	NS	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	5.1 U	0.20 U	4.6 U
DIBENZ(A,H)ANTHRACENE	53-70-3	NS	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5.1 U	5.1 U	0.20 U	4.6 U
BENZO(A)ANTHRACENE	56-55-3	0.002 (GV)	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	5.1 U	0.20 U	4.6 U
ACENAPHTHENE	83-32-9	20	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	5.1 U	0.20 U	4.6 U
DIETHYL PHTHALATE	84-66-2	50(GV)	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	5.1 U	1.0 U	4.6 U
DI-N-BUTYL PHTHALATE	84-74-2	50(GV)	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**2.1 JB**	5.1 U	**1.4 B**	4.6 U
PHENANTHRENE	85-01-8	50(GV)	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	5.1 U	0.20 U	4.6 U
BENZYL BUTYL PHTHALATE	85-68-7	50(GV)	5.2 U	NA	NA	NA	NA	NA	5 U	5	5 U	5.1 U	5.1 U	**0.78 J**	4.6 U
FLUORENE	86-73-7	50(GV)	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	5.1 U	0.20 U	4.6 U
CARBAZOLE	86-74-8	NS	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	5.1 U	1.0 U	4.6 U
NAPHTHALENE	91-20-3	10(GV)	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	5.1 U	0.20 U	4.6 U
2-METHYLPHENOL	95-48-7	1	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	5.1 U	1.0 U	4.6 U
2-CHLOROPHENOL	95-57-8	1	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.1 U	5.1 U	1.0 U	4.6 U
ACETOPHENONE	98-86-2	NS	5.2 U	NA	NA	NA	NA	NA	NA	5	5 U	5.1 U	5.1 U	**0.37 JB**	4.6 U
Total SVOCs			**4.8**	ND	ND	ND	ND	ND	**17**	ND	ND	**3.4**	**1.97**	**6.7**	**0.29**

Notes:
AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values
Units are micrograms per liter (µg/L)
NS - No Standard or Guidance Value
NA - Not analyzed
Detected concentrations shown in **bold** font.
Shaded cell indicates exceedances of AWQS/GV.
E - Value above quantitation range
B - For organic analyses - compound detected in laboratory method blank. For inorganic analyses - indicates trace concentration below reporting limit and equal to or above the detection limit.
U - Compound not detected at or above the instrument detection limit (IDL).
ND - No analytes detected above MDL
J - Estimated concentration above the IDL but less than the contract required detection limits (CRDL).
D - Results from a subsequent dilution of the original sample due to original sample results being outside the linear range.
* - LCS or LCSD exceeds the control limits
** - Duplicate sample produced equivalent results
H - Sample was prepped or analyzed beyond the specific holding time

Appendix B
Historical Groundwater Analytical Summary (2008-2015)
34 Freeman's Bridge Road
Glenville, New York
Site No. 447028
Semi-Volatile Organic Compounds

Sample ID			MW-19												
Sampling Date			**3/26/08**	**8/25/08**	**12/4/08**	**3/27/09**	**6/18/09**	**9/16/09**	**12/10/09**	**3/4/10**	**9/28/10**	**1/18/12**	**5/9/13**	**6/10/14**	**11/13/15**
Semi-Volatiles	CAS #	AWQS/GV Values													
4-NITROPHENOL	100-02-7	1	10 U	25 U	25 U	26 U	28 U	27 U	25 U	26 U	26 U	49 U	5 U	NA	NS
BENZALDEHYDE	100-52-7	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 U	NA	NS
CAPROLACTAM	105-60-2	NS	5 U	5 U	5 U	5 U	6 U	6 U	5 U	5 U	5 U	24 U	5 U	NA	NS
2,4-DIMETHYLPHENOL	105-67-9	50(GV)	5 U	5 U	5 U	5 U	6 U	6 U	5 U	5 U	5 U	24 U	5 U	NA	NS
4-METHYLPHENOL	106-44-5	1	5 U	5 U	5 U	5 U	6 U	6 U	5 U	5 U	5 U	49 U	5 U	NA	NS
BIS(2-CHLOROISOPROPYL) ETHER	108-60-1	5	5 U	NA	NA	NA	NA	NA	NA	NA	5 U	24 U	5 U	NA	NS
PHENOL	108-95-2	1	5 U	5 U	5 U	5 U	6 U	6 U	5 U	5 U	5 U	24 U	5 U	NA	NS
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	5	5 U	5 U	**15 B**	5 U	5 U	5 U	5 U	5 U	5 U	24 U	5 U	NA	NS
DI-N-OCTYLPHTHALATE	117-84-0	50(GV)	5 U	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	NS
ANTHRACENE	120-12-7	50(GV)	5 U	5 U	**11**	5 U	5 U	5 U	5 U	5 U	5 U	**8.8 J**	**8.7**	NA	NS
PYRENE	129-00-0	50(GV)	5 U	**6**	**16**	5 U	5 U	5 U	5 U	5 U	**5**	**36**	**37**	NA	NS
DIBENZOFURAN	132-64-9	NS	5 U	5 U	5 U	5 U	6 U	6 U	5 U	5 U	5 U	**3.1 J**	**2.9 J**	NA	NS
BENZO(G,H,I)PERYLENE	191-24-2	NS	5 U	5 U	5 U	5 U	6 U	6 U	5 U	5 U	5 U	**12 J**	**9.3**	NA	NS
INDENO(1,2,3-C,D)PYRENE	193-39-5	0.002 (GV)	5 U	5 U	5 U	5 U	6 U	6 U	5 U	5 U	5 U	**10 J**	**8.8**	NA	NS
BENZO(B)FLUORANTHENE	205-99-2	0.002 (GV)	5 U	5 U	**8**	5 U	5 U	5 U	5 U	5 U	5 U	**20 J**	**26**	NA	NS
FLUORANTHENE	206-44-0	50(GV)	5 U	**7**	**31**	5 U	5 U	5 U	5 U	5 U	**6**	**50**	**53**	NA	NS
BENZO(K)FLUORANTHENE	207-08-9	0.002 (GV)	5 U	5 U	**8**	5 U	5 U	5 U	5 U	5 U	5 U	**8.3 J**	**10**	NA	NS
ACENAPHTHYLENE	208-96-8	NS	5 U	5 U	5 U	5 U	6 U	6 U	5 U	5 U	5 U	24 U	5 U	NA	NS
CHRYSENE	218-01-9	0.002 (GV)	5 U	5 U	**11**	5 U	5 U	5 U	5 U	5 U	5 U	**18 J**	**20**	NA	NS
BENZO(A)PYRENE	50-32-8	NS	5 U	5 U	**9**	5 U	5 U	5 U	5 U	5 U	5 U	**20 J**	**20**	NA	NS
DIBENZ(A,H)ANTHRACENE	53-70-3	NS	5 U	5 U	5 U	5 U	6 U	6 U	5 U	5 U	5 U	**3.1 J**	**2.4 J**	NA	NS
BENZO(A)ANTHRACENE	56-55-3	0.002 (GV)	5 U	5 U	**11**	5 U	5 U	5 U	5 U	5 U	5 U	**21 J**	**23**	NA	NS
ACENAPHTHENE	83-32-9	20	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**4.2 J**	**3.8 J**	NA	NS
DIETHYL PHTHALATE	84-66-2	50(GV)	5 U	5 U	5 U	5 U	6 U	6 U	5 U	5 U	5 U	24 U	5 U	NA	NS
DI-N-BUTYL PHTHALATE	84-74-2	50(GV)	5 U	5 U	5 U	5 U	6 U	6 U	5 U	5 U	5 U	**2.0 JB**	**0.47 J**	NA	NS
PHENANTHRENE	85-01-8	50(GV)	5 U	**7**	**23**	5 U	5 U	5 U	5 U	5 U	5 U	**30**	**31**	NA	NS
BENZYL BUTYL PHTHALATE	85-68-7	50(GV)	5 U	5	NA	NA	NA	NA	5 U	NA	5 U	24 U	5 U	NA	NS
FLUORENE	86-73-7	50(GV)	5 U	5 U	5 U	5 U	6 U	6 U	5 U	5 U	5 U	**5.1 J**	**5.6**	NA	NS
CARBAZOLE	86-74-8	NS	5 U	**5**	5 U	5 U	6 U	6 U	5 U	5 U	5 U	**3.9 J**	5 U	NA	NS
NAPHTHALENE	91-20-3	10(GV)	5 U	5 U	5 U	5 U	6 U	6 U	5 U	5 U	5 U	24 U	5 U	NA	NS
2-METHYLPHENOL	95-48-7	1	5 U	5 U	5 U	5 U	6 U	6 U	5 U	5 U	5 U	24 U	5 U	NA	NS
2-CHLOROPHENOL	95-57-8	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	24 U	5 U	NA	NS
ACETOPHENONE	98-86-2	NS	5 U	NA	NA	NA	NA	NA	NA	NA	5 U	24 U	5 U	NA	NS
Total SVOCs			ND	**25**	**143**	ND	ND	ND	ND	ND	**11**	**256**	**262**	NA	NS

Sample ID	MW-19D													
Sampling Date	**3/26/08**	**8/25/08**	**12/4/08**	**3/27/09**	**6/18/09**	**9/16/09**	**12/10/09**	**3/4/10**	**9/28/10**	**1/18/12**	**1/18/12**	**5/9/13**	**6/13/14**	**11/12/15**
Semi-Volatiles											**Duplicate**			
4-NITROPHENOL	10 U	5 U	5 U	27 U	25 U	25 U	25 U	25 U	26 U	10 U	9.7 U	5 U	**2.3 JH**	9.3 U
BENZALDEHYDE	5 U	NA	NA	NA	NA	NA	NA	NA	NA	5 U	4.9 U	5 U	1.0 U	**0.29 JB**
CAPROLACTAM	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	**1.9 JHB**	4.7 U
2,4-DIMETHYLPHENOL	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	2.0 U	4.7 U
4-METHYLPHENOL	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	9.7 U	5 U	2.0 U	9.3 U
BIS(2-CHLOROISOPROPYL) ETHER	5 U	NA	NA	NA	NA	NA	NA	NA	5 U	5 U	4.9 U	5 U	1.0 U	4.7 U
PHENOL	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	**4.0 H**	4.7 U
BIS(2-ETHYLHEXYL) PHTHALATE	5 U	5 U	**11 B**	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	**1.6 JHB**	4.7 U
DI-N-OCTYLPHTHALATE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	1.0 U	4.7 U
ANTHRACENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	0.20 U	4.7 U
PYRENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**0.41 J**	**0.59 J**	5 U	0.20 U	4.7 U
DIBENZOFURAN	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	9.7 U	5 U	1.0 U	9.3 U
BENZO(G,H,I)PERYLENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	0.20 U	4.7 U
INDENO(1,2,3-C,D)PYRENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	0.20 U	4.7 U
BENZO(B)FLUORANTHENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	0.20 U	4.7 U
FLUORANTHENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**0.49 J**	**0.66 J**	5 U	0.20 U	4.7 U
BENZO(K)FLUORANTHENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	0.20 U	4.7 U
ACENAPHTHYLENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	0.20 U	4.7 U
CHRYSENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	0.20 U	4.7 U
BENZO(A)PYRENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	0.20 U	4.7 U
DIBENZ(A,H)ANTHRACENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	0.20 U	4.7 U
BENZO(A)ANTHRACENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**0.37 J**	**0.61 J**	5 U	0.20 U	4.7 U
ACENAPHTHENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	0.20 U	4.7 U
DIETHYL PHTHALATE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	**0.45 JH**	**1.1 J**
DI-N-BUTYL PHTHALATE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**1.3 JB**	**1.5 JB**	**0.38 J**	**2.0 HB**	4.7 U
PHENANTHRENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**0.45 J**	**0.62 J**	5 U	0.20 U	4.7 U
BENZYL BUTYL PHTHALATE	5 U	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	4.9 U	5 U	**0.26 JHB**	4.7 U
FLUORENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	0.20 U	4.7 U
CARBAZOLE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	1.0 U	4.7 U
NAPHTHALENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	0.20 U	4.7 U
2-METHYLPHENOL	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	1.0 U	4.7 U
2-CHLOROPHENOL	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	1.0 U	4.7 U
ACETOPHENONE	5 U	NA	NA	NA	NA	NA	NA	NA	5 U	5 U	4.9 U	5 U	**0.94 JHB**	4.7 U
Total SVOCs	ND	ND	**11**	ND	ND	ND	ND	ND	ND	**3.0**	**4.0**	**0.38**	**13.5**	**1.4**

Sample ID			MW-21												
Sampling Date			**3/24/08**	**8/25/08**	**12/4/08**	**3/26/09**	**6/17/09**	**9/16/09**	**12/10/09**	**3/4/10**	**9/30/10**	**1/20/12**	**5/9/13**	**6/11/14**	**11/10/15**
Semi-Volatiles	CAS #	AWQS/GV Values													
4-NITROPHENOL	100-02-7	1	10 U	25 U	25 U	27 U	27 U	27 U	27 U	27 U	25 U	10 U	5 U	5.0 U	10 U
BENZALDEHYDE	100-52-7	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 U	1.0 U	**0.34 JB**
CAPROLACTAM	105-60-2	NS	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**2.1 JB**	5 U
2,4-DIMETHYLPHENOL	105-67-9	50(GV)	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2.0 U	5 U
4-METHYLPHENOL	106-44-5	1	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	2.0 U	10 U
BIS(2-CHLOROISOPROPYL) ETHER	108-60-1	5	5.2 U	NA	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	1.0 U	5 U
PHENOL	108-95-2	1	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**0.75 J**	5 U
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	5	5.2 U	5 U	**14 B**	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**1.7 J**	5 U
DI-N-OCTYLPHTHALATE	117-84-0	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	1.0 U
ANTHRACENE	120-12-7	50(GV)	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	5 U
PYRENE	129-00-0	50(GV)	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	5 U
DIBENZOFURAN	132-64-9	NS	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	1.0 U	10 U
BENZO(G,H,I)PERYLENE	191-24-2	NS	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	5 U
INDENO(1,2,3-C,D)PYRENE	193-39-5	0.002 (GV)	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	5 U
BENZO(B)FLUORANTHENE	205-99-2	0.002 (GV)	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	5 U
FLUORANTHENE	206-44-0	50(GV)	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	5 U
BENZO(K)FLUORANTHENE	207-08-9	0.002 (GV)	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	5 U
ACENAPHTHYLENE	208-96-8	NS	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	5 U
CHRYSENE	218-01-9	0.002 (GV)	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	5 U
BENZO(A)PYRENE	50-32-8	NS	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	5 U
DIBENZ(A,H)ANTHRACENE	53-70-3	NS	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	5 U
BENZO(A)ANTHRACENE	56-55-3	0.002 (GV)	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	5 U
ACENAPHTHENE	83-32-9	20	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	5 U
DIETHYL PHTHALATE	84-66-2	50(GV)	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**0.39 JB**	5 U
DI-N-BUTYL PHTHALATE	84-74-2	50(GV)	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**1.5 JB**	**0.37 J**	**1.9 B**	5 U
PHENANTHRENE	85-01-8	50(GV)	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	5 U
BENZYL BUTYL PHTHALATE	85-68-7	50(GV)	5.2 U	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	**0.32 J**	5 U
FLUORENE	86-73-7	50(GV)	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	5 U
CARBAZOLE	86-74-8	NS	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1.0 U	5 U
NAPHTHALENE	91-20-3	10(GV)	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	5 U
2-METHYLPHENOL	95-48-7	1	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1.0 U	5 U
2-CHLOROPHENOL	95-57-8	1	5.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1.0 U	5 U
ACETOPHENONE	98-86-2	NS	5.2 U	NA	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	**0.48 JB**	5 U
Total SVOCs			ND	ND	**14**	ND	ND	ND	ND	ND	ND	**1.5**	**0.37**	**7.6**	**0.34**

Sample ID	MW-21D													
Sampling Date	**3/24/08**	**8/25/08**	**12/4/08**	**3/26/09**	**6/17/09**	**9/16/09**	**12/10/09**	**3/4/10**	**9/30/10****	**1/20/12**	**5/9/13**	**5/9/13**	**6/11/14**	**11/10/15**
Semi-Volatiles												**Duplicate**		
4-NITROPHENOL	10 U	25 U	25 U	27 U	27 U	27 U	27 U	27 U	25 U	10 U	5 U	5 U	5.0 U	9.6 U
BENZALDEHYDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 U	5 U	1.0 U	**0.36 JB**
CAPROLACTAM	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	5 U	**1.9 JB**	4.8 U
2,4-DIMETHYLPHENOL	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	5 U	2.0 U	4.8 U
4-METHYLPHENOL	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	9.8 U	5 U	5 U	2.0 U	9.6 U
BIS(2-CHLOROISOPROPYL) ETHER	5.1 U	NA	NA	NA	NA	NA	NA	NA	5 U	4.9 U	5 U	5 U	1.0 U	4.8 U
PHENOL	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	5 U	**0.76 J**	4.8 U
BIS(2-ETHYLHEXYL) PHTHALATE	5.1 U	5 U	**6 B**	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	5 U	2.0 U	4.8 U
DI-N-OCTYLPHTHALATE	5.1 U	5.1 U	110 U	110 U	42 U	190 U	500 U	140 U	86 U	25 U	960 U	550 U	0.20 U	4.8 U
ANTHRACENE	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	5 U	0.20 U	4.8 U
PYRENE	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	5 U	0.20 U	4.8 U
DIBENZOFURAN	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	9.8 U	5 U	5 U	1.0 U	9.6 U
BENZO(G,H,I)PERYLENE	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	5 U	0.20 U	4.8 U
INDENO(1,2,3-C,D)PYRENE	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	5 U	0.20 U	4.8 U
BENZO(B)FLUORANTHENE	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	5 U	0.20 U	4.8 U
FLUORANTHENE	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	5 U	0.20 U	4.8 U
BENZO(K)FLUORANTHENE	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	5 U	0.20 U	4.8 U
ACENAPHTHYLENE	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	5 U	0.20 U	4.8 U
CHRYSENE	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	5 U	0.20 U	4.8 U
BENZO(A)PYRENE	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	5 U	0.20 U	4.8 U
DIBENZ(A,H)ANTHRACENE	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	5 U	0.20 U	4.8 U
BENZO(A)ANTHRACENE	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	5 U	0.20 U	4.8 U
ACENAPHTHENE	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	5 U	0.20 U	4.8 U
DIETHYL PHTHALATE	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	5 U	**0.36 JB**	4.8 U
DI-N-BUTYL PHTHALATE	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**1.6 JB**	**0.41 J**	5 U	**1.8 B**	4.8 U
PHENANTHRENE	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	5 U	0.20 U	4.8 U
BENZYL BUTYL PHTHALATE	5.2 U	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	**0.24 J**	4.8 U
FLUORENE	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	5 U	0.20 U	4.8 U
CARBAZOLE	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	5 U	1.0 U	4.8 U
NAPHTHALENE	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	5 U	0.20 U	4.8 U
2-METHYLPHENOL	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	5 U	1.0 U	4.8 U
2-CHLOROPHENOL	5.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	5 U	1.0 U	4.8 U
ACETOPHENONE	5.1 U	NA	NA	NA	NA	NA	NA	NA	5 U	4.9 U	5 U	5 U	**0.37 JB**	4.8 U
Total SVOCs	ND	ND	**6**	ND	ND	ND	ND	ND	ND	**1.6**	**0.41**	ND	**5.4**	**0.36**

Notes:
AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values
Units are micrograms per liter (µg/L)
NS - No Standard or Guidance Value
NA - Not analyzed
Detected concentrations shown in **bold** font.
Shaded cell indicates exceedances of AWQS/GV.
E - Value above quantitation range
B - For organic analyses - compound detected in laboratory method blank. For inorganic analyses - indicates trace concentration below reporting limit and equal to or above the detection limit.
U - Compound not detected at or above the instrument detection limit (IDL).
ND - No analytes detected above MDL
J - Estimated concentration above the IDL but less than the contract required detection limits (CRDL).
D - Results from a subsequent dilution of the original sample due to original sample results being outside the linear range.
* - LCS or LCSD exceeds the control limits
** - Duplicate sample produced equivalent results
H - Sample was prepped or analyzed beyond the specific holding time

Appendix B
Historical Groundwater Analytical Summary (2008-2015)
34 Freeman's Bridge Road
Glenville, New York
Site No. 447028
Semi-Volatile Organic Compounds

Sample ID			MW-20												
Sampling Date			**3/24/08**	**8/25/08**	**12/4/08**	**3/25/09**	**6/19/09**	**9/15/09**	**12/10/09**	**3/4/10**	**9/29/10**	**1/19/12**	**5/8/13**	**6/11/14**	**11/11/15**
Semi-Volatiles	CAS #	AWQS/GV Values													
4-NITROPHENOL	100-02-7	1	10 U	540 U	540 U	210 U	940 U	2500 U	690 U	430 U	120 U	1900 U	550 U	480 U	190 U
BENZALDEHYDE	100-52-7	NS	5.1 U	NA	NA	NA	NA	NA	NA	NA	NA	960 U	550 U	96 U	95 U
CAPROLACTAM	105-60-2	NS	5.1 U	110 U	110 U	42 U	190 U	500 U	140 U	86 U	25 U	960 U	550 U	96 U	95 U
2,4-DIMETHYLPHENOL	105-67-9	50(GV)	5.1 U	110 U	56 U	42 U	190 U	500 U	140 U	86 U	25 U	960 U	550 U	190 U	**18** J
4-METHYLPHENOL	106-44-5	1	NA	**1,100** D	**650** D	**470**	**720** D	**980**	**720**	**410**	**200**	**450** J	**420** J	**570**	**240**
BIS(2-CHLOROISOPROPYL) ETHER	108-60-1	5	5.1 U	NA	NA	NA	NA	NA	NA	NA	NA U	960 U	550 U	96 U	95 U
PHENOL	108-95-2	1	**180** D	**1,700** D	**930** E	**970** E	**1,600** D	**1,400**	**2,300** E	**620**	**270**	**870** J	**1,700**	**4,100**	**250**
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	5	5.1 U	110 U	56 U	42 U	190 U	500 U	140 U	86 U	25 U	960 U	550 U	190 U	95 U
DI-N-OCTYLPHTHALATE	117-84-0	50(GV)	5.1 U	110 U	110 U	42 U	190 U	500 U	140 U	86 U	25 U	960 U	550 U	19 U	95 U
ANTHRACENE	120-12-7	50(GV)	5.1 U	110 U	110 U	42 U	190 U	500 U	140 U	86 U	25 U	960 U	550 U	19 U	95 U
PYRENE	129-00-0	50(GV)	5.1 U	110 U	110 U	42 U	190 U	500 U	140 U	86 U	25 U	960 U	550 U	19 U	95 U
DIBENZOFURAN	132-64-9	NS	5.1 U	110 U	110 U	42 U	190 U	500 U	140 U	86 U	25 U	1900 U	1100 U	96 U	190 U
BENZO(G,H,I)PERYLENE	191-24-2	NS	5.1 U	110 U	110 U	42 U	190 U	500 U	140 U	86 U	25 U	960 U	550 U	19 U	95 U
INDENO(1,2,3-C,D)PYRENE	193-39-5	0.002 (GV)	5.1 U	110 U	110 U	42 U	190 U	500 U	140 U	86 U	25 U	960 U	550 U	19 U	95 U
BENZO(B)FLUORANTHENE	205-99-2	0.002 (GV)	5.1 U	110 U	110 U	42 U	190 U	500 U	140 U	86 U	25 U	960 U	550 U	19 U	95 U
FLUORANTHENE	206-44-0	50(GV)	5.1 U	110 U	110 U	42 U	190 U	500 U	140 U	86 U	25 U	960 U	550 U	19 U	95 U
BENZO(K)FLUORANTHENE	207-08-9	0.002 (GV)	5.1 U	110 U	110 U	42 U	190 U	500 U	140 U	86 U	25 U	960 U	550 U	19 U	95 U
ACENAPHTHYLENE	208-96-8	NS	**3.2** J	110 U	56 U	42 U	190 U	500 U	140 U	86 U	25 U	960 U	550 U	19 U	95 U
CHRYSENE	218-01-9	0.002 (GV)	5.1 U	110 U	110 U	42 U	190 U	500 U	140 U	86 U	25 U	960 U	550 U	19 U	95 U
BENZO(A)PYRENE	50-32-8	NS	5.1 U	110 U	110 U	42 U	190 U	500 U	140 U	86 U	25 U	960 U	550 U	19 U	95 U
DIBENZ(A,H)ANTHRACENE	53-70-3	NS	5.1 U	110 U	110 U	42 U	190 U	500 U	140 U	86 U	25 U	960 U	550 U	19 U	95 U
BENZO(A)ANTHRACENE	56-55-3	0.002 (GV)	5.1 U	110 U	110 U	42 U	190 U	500 U	140 U	86 U	25 U	960 U	550 U	19 U	95 U
ACENAPHTHENE	83-32-9	20	5.1 U	110 U	110 U	42 U	190 U	500 U	140 U	86 U	25 U	960 U	550 U	19 U	95 U
DIETHYL PHTHALATE	84-66-2	50(GV)	5.1 U	110 U	110 U	42 U	190 U	500 U	140 U	86 U	25 U	960 U	550 U	96 U	95 U
DI-N-BUTYL PHTHALATE	84-74-2	50(GV)	5.1 U	110 U	110 U	42 U	190 U	500 U	140 U	86 U	25 U	960 U	550 U	96 U	95 U
PHENANTHRENE	85-01-8	50(GV)	5.1 U	110 U	110 U	42 U	190 U	500 U	140 U	86 U	25 U	960 U	550 U	19 U	95 U
BENZYL BUTYL PHTHALATE	85-68-7	50(GV)	5.1 U	NA	NA	42 U	190 U	500 U	140 U	86 U	25 U	960 U	550 U	96 U	95 U
FLUORENE	86-73-7	50(GV)	5.1 U	110 U	110 U	42 U	190 U	500 U	140 U	86 U	25 U	960 U	550 U	19 U	95 U
CARBAZOLE	86-74-8	NS	5.1 U	110 U	110 U	42 U	190 U	500 U	140 U	86 U	25 U	960 U	550 U	96 U	95 U
NAPHTHALENE	91-20-3	10(GV)	**4.8** J	110 U	56 U	42 U	190 U	500 U	140 U	86 U	25 U	960 U	550 U	19 U	95 U
2-METHYLPHENOL	95-48-7	1	**9.2**	**200** D	**140** D	**120**	**200** D	500 U	**180**	**88**	**33**	960 U	**100** J	**190**	**72** J
2-CHLOROPHENOL	95-57-8	1	5.1 U	110 U	110 U	42 U	190 U	500 U	140 U	86 U	25 U	960 U	550 U	96 U	95 U
ACETOPHENONE	98-86-2	NS	5.1 U	NA	NA	NA	NA	NA	NA	NA	NA U	960 U	550 U	96 U	95 U
Total SVOCs			**197.2**	**3,000**	**1,720**	**1,560**	**2,520**	**2,380**	**3,200**	**1,118**	**503**	**1,320**	**2,220**	**4,860**	**580**

Sample ID			MW-20D												
Sampling Date			**3/24/08**	**8/25/08**	**12/4/08**	**3/25/09**	**6/19/09**	**9/15/09**	**12/10/09**	**3/4/10**	**9/29/10**	**1/19/12**	**5/8/13**	**6/11/14**	**11/11/15**
Semi-Volatiles	CAS #	AWQS/GV Values													
4-NITROPHENOL	100-02-7	1	10 U	25 U	25 U	26 U	25 U	25 U	25 U	25 U	25 U	9.8 U	5 U	5.0 U	9.4 U
BENZALDEHYDE	100-52-7	NS	5 U	NA	NA	NA	NA	NA	NA	NA	NA	4.9 U	5 U	1.0 U	4.7 U
CAPROLACTAM	105-60-2	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	**1.0** JB	4.7 U
2,4-DIMETHYLPHENOL	105-67-9	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	2.0 U	4.7 U
4-METHYLPHENOL	106-44-5	1	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	9.8 U	5 U	2.0 U	9.4 U
BIS(2-CHLOROISOPROPYL) ETHER	108-60-1	5	5 U	NA	NA	NA	NA	NA	NA	NA	5 U	4.9 U	5 U	1.0 U	4.7 U
PHENOL	108-95-2	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	**0.39** J	4.7 U
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	2.0 U	4.7 U
DI-N-OCTYLPHTHALATE	117-84-0	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	1.0 U	4.7 U
ANTHRACENE	120-12-7	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	0.20 U	4.7 U
PYRENE	129-00-0	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	0.20 U	4.7 U
DIBENZOFURAN	132-64-9	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	9.8 U	5 U	1.0 U	9.4 U
BENZO(G,H,I)PERYLENE	191-24-2	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	0.20 U	4.7 U
INDENO(1,2,3-C,D)PYRENE	193-39-5	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	0.20 U	4.7 U
BENZO(B)FLUORANTHENE	205-99-2	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	0.20 U	4.7 U
FLUORANTHENE	206-44-0	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	0.20 U	4.7 U
BENZO(K)FLUORANTHENE	207-08-9	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	0.20 U	4.7 U
ACENAPHTHYLENE	208-96-8	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	0.20 U	4.7 U
CHRYSENE	218-01-9	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	0.20 U	4.7 U
BENZO(A)PYRENE	50-32-8	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	0.20 U	4.7 U
DIBENZ(A,H)ANTHRACENE	53-70-3	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	0.20 U	4.7 U
BENZO(A)ANTHRACENE	56-55-3	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	0.20 U	4.7 U
ACENAPHTHENE	83-32-9	20	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	0.20 U	4.7 U
DIETHYL PHTHALATE	84-66-2	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	**0.30** JB	4.7 U
DI-N-BUTYL PHTHALATE	84-74-2	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	**1.4** B	4.7 U
PHENANTHRENE	85-01-8	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	0.20 U	4.7 U
BENZYL BUTYL PHTHALATE	85-68-7	50(GV)	5 U	NA	NA	NA	NA	NA	5 U	5 U	5 U	4.9 U	5 U	1.0 U	4.7 U
FLUORENE	86-73-7	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	0.20 U	4.7 U
CARBAZOLE	86-74-8	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	1.0 U	4.7 U
NAPHTHALENE	91-20-3	10(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	0.20 U	4.7 U
2-METHYLPHENOL	95-48-7	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	1.0 U	4.7 U
2-CHLOROPHENOL	95-57-8	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	1.0 U	4.7 U
ACETOPHENONE	98-86-2	NS	5 U	NA	NA	NA	NA	NA	NA	NA	5 U	4.9 U	5 U	**0.33** JB	4.7 U
Total SVOCs			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**3.42**	ND

Sample ID			MW-23												
Sampling Date			**3/27/08**	**8/25/08**	**12/3/08**	**3/25/09**	**6/17/09**	**9/15/09**	**12/9/09**	**3/3/10**	**9/29/10**	**1/18/12**	**5/8/13**	**6/12/14**	**11/11/15**
Semi-Volatiles	CAS #	AWQS/GV Values													
4-NITROPHENOL	100-02-7	1	10 U	26 U	26 U	25 U	25 U	25 U	27 U	25 U	25 U	9.4 U	5 U	5.0 U	9.3 U
BENZALDEHYDE	100-52-7	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.42** JB	1.0 U	**0.28** J
CAPROLACTAM	105-60-2	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	**11**	**4.5** JB	4.6 U
2,4-DIMETHYLPHENOL	105-67-9	50(GV)	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	4.7 U	5 U	2.0 U	4.6 U
4-METHYLPHENOL	106-44-5	1	NA	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	9.4 U	5 U	2.0 U	9.3 U
BIS(2-CHLOROISOPROPYL) ETHER	108-60-1	5	5 U	NA	NA	NA	NA	NA	NA	NA	5 U	4.7 U	5 U	1.0 U	4.6 U
PHENOL	108-95-2	1	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	4.7 U	5 U	**2.0**	4.6 U
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	5	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	4.7 U	5 U	**1.7** J	4.6 U
DI-N-OCTYLPHTHALATE	117-84-0	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	1.0 U	4.6 U
ANTHRACENE	120-12-7	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**0.28** J	5 U	0.20 U	4.6 U
PYRENE	129-00-0	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**5.0**	**0.68** J	**0.33**	4.6 U
DIBENZOFURAN	132-64-9	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	9.4 U	5 U	1.0 U	9.3 U
BENZO(G,H,I)PERYLENE	191-24-2	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**2.6** J	5 U	0.20 U	4.6 U
INDENO(1,2,3-C,D)PYRENE	193-39-5	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**2.1** J	5 U	0.20 U	4.6 U
BENZO(B)FLUORANTHENE	205-99-2	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**3.8** J	**0.65** J	0.20 U	4.6 U
FLUORANTHENE	206-44-0	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**6.2**	5 U	**0.40**	4.6 U
BENZO(K)FLUORANTHENE	207-08-9	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**1.5** J	5 U	0.20 U	4.6 U
ACENAPHTHYLENE	208-96-8	NS	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	4.7 U	5 U	0.20 U	4.6 U
CHRYSENE	218-01-9	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**3.3** J	**0.43** J	0.20 U	4.6 U
BENZO(A)PYRENE	50-32-8	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**2.5** J	5 U	0.20 U	4.6 U
DIBENZ(A,H)ANTHRACENE	53-70-3	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**0.63** J	5 U	0.20 U	4.6 U
BENZO(A)ANTHRACENE	56-55-3	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**2.1** J	5 U	0.20 U	4.6 U
ACENAPHTHENE	83-32-9	20	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.7 U	5 U	0.20 U	4.6 U
DIETHYL PHTHALATE	84-66-2	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.7 U	5 U	**0.67** JB	4.60 U
DI-N-BUTYL PHTHALATE	84-74-2	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**2.5** JB	**0.40** J	**2.7** B	4.6 U
PHENANTHRENE	85-01-8	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**4.3** J	5 U	**0.27**	4.6 U
BENZYL BUTYL PHTHALATE	85-68-7	50(GV)	5 U	NA	NA	NA	NA	NA	5 U	NA	5 U	4.7 U	5 U	**0.32** J	**0.49** J
FLUORENE	86-73-7	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.7 U	5 U	0.20 U	4.6 U
CARBAZOLE	86-74-8	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**0.57** J	5 U	1.0 U	4.6 U
NAPHTHALENE	91-20-3	10(GV)	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	4.7 U	5 U	0.20 U	4.6 U
2-METHYLPHENOL	95-48-7	1	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	4.7 U	5 U	1.0 U	4.6 U
2-CHLOROPHENOL	95-57-8	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.7 U	5 U	1.0 U	4.6 U
ACETOPHENONE	98-86-2	NS	5 U	NA	NA	NA	NA	NA	NA	NA	5 U	4.7 U	5 U	**0.51** JB	4.6 U
Total SVOCs			ND	ND	ND	ND	ND	ND	ND	ND	ND	**37.4**	**13.6**	**13.4**	**0.77**

Sample ID			MW-23D												
Sampling Date			**4/4/08**	**8/25/08**	**12/3/08**	**3/25/09**	**6/17/09**	**9/15/09**	**12/9/09**	**3/3/10**	**9/29/10**	**1/18/12**	**5/8/13**	**6/12/14**	**11/11/15**
Semi-Volatiles	CAS #	AWQS/GV Values													
4-NITROPHENOL	100-02-7	1	10 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	9.9 U	5 U	5.0 U	9.5 U
BENZALDEHYDE	100-52-7	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 U	1.0 U	4.8 U
CAPROLACTAM	105-60-2	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**1.0** JB	4.8 U
2,4-DIMETHYLPHENOL	105-67-9	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2.0 U	4.8 U
4-METHYLPHENOL	106-44-5	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	9.9 U	5 U	2.0 U	4.8 U
BIS(2-CHLOROISOPROPYL) ETHER	108-60-1	5	5 U	NA	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	1.0 U	4.8 U
PHENOL	108-95-2	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**0.38** J	4.8 U
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2.0 U	4.8 U
DI-N-OCTYLPHTHALATE	117-84-0	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	**0.66** J
ANTHRACENE	120-12-7	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.8 U
PYRENE	129-00-0	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.8 U
DIBENZOFURAN	132-64-9	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	9.9 U	5 U	1.0 U	9.5 U
BENZO(G,H,I)PERYLENE	191-24-2	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.8 U
INDENO(1,2,3-C,D)PYRENE	193-39-5	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.8 U
BENZO(B)FLUORANTHENE	205-99-2	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.8 U
FLUORANTHENE	206-44-0	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.8 U
BENZO(K)FLUORANTHENE	207-08-9	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.8 U
ACENAPHTHYLENE	208-96-8	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.8 U
CHRYSENE	218-01-9	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.8 U
BENZO(A)PYRENE	50-32-8	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.8 U
DIBENZ(A,H)ANTHRACENE	53-70-3	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.8 U
BENZO(A)ANTHRACENE	56-55-3	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.8 U
ACENAPHTHENE	83-32-9	20	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.8 U
DIETHYL PHTHALATE	84-66-2	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**0.24** JB	4.8 U
DI-N-BUTYL PHTHALATE	84-74-2	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**1.5** JB	5 U	**1.1** B	4.8 U
PHENANTHRENE	85-01-8	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.8 U
BENZYL BUTYL PHTHALATE	85-68-7	50(GV)	5 U	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	1.0 U	**0.47** J
FLUORENE	86-73-7	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.8 U
CARBAZOLE	86-74-8	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1.0 U	4.8 U
NAPHTHALENE	91-20-3	10(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.8 U
2-METHYLPHENOL	95-48-7	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1.0 U	4.8 U
2-CHLOROPHENOL	95-57-8	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1.0 U	4.8 U
ACETOPHENONE	98-86-2	NS	5 U	NA	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	**0.29** JB	4.8 U
Total SVOCs			ND	ND	ND	ND	ND	ND	ND	ND	ND	**1.5**	ND	**3.01**	**1.13**

Notes:
AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values
Units are micrograms per liter (µg/L)
NS - No Standard or Guidance Value
NA - Not analyzed
Detected concentrations shown in **bold** font.
Shaded cell indicates exceedances of AWQS/GV.
E - Value above quantitation range
B - For organic analyses - compound detected in laboratory method blank. For inorganic analyses - indicates trace concentration below reporting limit and equal to or above the detection limit.
U - Compound not detected at or above the instrument detection limit (IDL).
ND - No analytes detected above MDL
J - Estimated concentration above the IDL but less than the contract required detection limits (CRDL).
D - Results from a subsequent dilution of the original sample due to original sample results being outside the linear range.
* - LCS or LCSD exceeds the control limits
** - Duplicate sample produced equivalent results
H - Sample was prepped or analyzed beyond the specific holding time

Appendix B
Historical Groundwater Analytical Summary (2008-2015)
34 Freeman's Bridge Road
Glenville, New York
Site No. 447028
Semi-Volatile Organic Compounds

Sample ID			MW-30												
Sampling Date			**3/25/08**	**8/26/08**	**12/5/08**	**3/27/09**	**6/19/09**	**9/17/09**	**12/10/09**	**3/5/10**	**9/30/10**	**1/20/12**	**5/9/13**	**6/11/14**	**11/11/15**
Semi-Volatiles	CAS #	AWQS/GV Values													
4-NITROPHENOL	100-02-7	1	10 U	53 U	53 U	47 U	50 U	25 U	25 U	25 U	25 U	10 U	5.2 U	5.0 U	9.5 U
BENZALDEHYDE	100-52-7	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.2 U	1.0 U	**0.48 J**
CAPROLACTAM	105-60-2	NS	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5.1 U	5.2 U	5.0 U	4.8 U
2,4-DIMETHYLPHENOL	105-67-9	50(GV)	**21**	**110 D**	**100**	**86**	**49 D**	**37**	5 U	**18**	**18**	**7.3**	**3.1 J**	**13.0**	**0.92 J**
4-METHYLPHENOL	106-44-5	1	NA	11 U	15 U	9 U	10 U	5 U	5 U	5 U	5 U	**2.1 J**	**1.3 J**	**5.1**	9.5 U
BIS(2-CHLOROISOPROPYL) ETHER	108-60-1	5	5 U	NA	NA	9 U	10 U	NA	NA	NA	5 U	5.1 U	5.2 U	1.0 U	4.8 U
PHENOL	108-95-2	1	5 U	11 U	15 U	9 U	10 U	5 U	5 U	5 U	5 U	**1.4 J**	**0.91 J**	**5.1**	4.8 U
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	5	5 U	11 U	15 U	9 U	10 U	5 U	5 U	5 U	5 U	5.1 U	5.2 U	**1.5 J**	4.8 U
DI-N-OCTYLPHTHALATE	117-84-0	50(GV)	5 U	5.1 U	110 U	110 U	42 U	190 U	500 U	140 U	86 U	25 U	5.2 U	1.0 U	4.8 U
ANTHRACENE	120-12-7	50(GV)	5 U	11 U	11 U	9 U	10 U	5 U	5 U	5 U	5 U	5.1 U	5.2 U	0.20 U	4.8 U
PYRENE	129-00-0	50(GV)	5 U	11 U	11 U	9 U	10 U	5 U	5 U	5 U	5 U	5.1 U	5.2 U	0.20 U	4.8 U
DIBENZOFURAN	132-64-9	NS	5 U	11 U	11 U	9 U	10 U	5 U	5 U	5 U	5 U	10 U	10 U	1.0 U	9.5 U
BENZO(G,H,I)PERYLENE	191-24-2	NS	5 U	11 U	11 U	9 U	10 U	5 U	5 U	5 U	5 U	5.1 U	5.2 U	0.20 U	4.8 U
INDENO(1,2,3-C,D)PYRENE	193-39-5	0.002 (GV)	5 U	11 U	11 U	9 U	10 U	5 U	5 U	5 U	5 U	5.1 U	5.2 U	0.20 U	4.8 U
BENZO(B)FLUORANTHENE	205-99-2	0.002 (GV)	5 U	11 U	11 U	9 U	10 U	5 U	5 U	5 U	5 U	5.1 U	5.2 U	0.20 U	4.8 U
FLUORANTHENE	206-44-0	50(GV)	5 U	11 U	11 U	9 U	10 U	5 U	5 U	5 U	5 U	5.1 U	5.2 U	0.20 U	4.8 U
BENZO(K)FLUORANTHENE	207-08-9	0.002 (GV)	5 U	11 U	11 U	9 U	10 U	5 U	5 U	5 U	5 U	5.1 U	5.2 U	0.20 U	4.8 U
ACENAPHTHYLENE	208-96-8	NS	5 U	11 U	15 U	9 U	10 U	5 U	5 U	5 U	5 U	5.1 U	5.2 U	0.20 U	4.8 U
CHRYSENE	218-01-9	0.002 (GV)	5 U	11 U	11 U	9 U	10 U	5 U	5 U	5 U	5 U	5.1 U	5.2 U	0.20 U	4.8 U
BENZO(A)PYRENE	50-32-8	NS	5 U	11 U	11 U	9 U	10 U	5 U	5 U	5 U	5 U	5.1 U	5.2 U	0.20 U	4.8 U
DIBENZ(A,H)ANTHRACENE	53-70-3	NS	5 U	11 U	11 U	9 U	10 U	5 U	5 U	5 U	5 U	5.1 U	5.2 U	0.20 U	4.8 U
BENZO(A)ANTHRACENE	56-55-3	0.002 (GV)	5 U	11 U	11 U	9 U	10 U	5 U	5 U	5 U	5 U	5.1 U	5.2 U	0.20 U	4.8 U
ACENAPHTHENE	83-32-9	20	5 U	5 U	5 U	9 U	10 U	5 U	5 U	5 U	5 U	5.1 U	5.2 U	0.20 U	4.8 U
DIETHYL PHTHALATE	84-66-2	50(GV)	5 U	11 U	11 U	9 U	10 U	5 U	5 U	5 U	5 U	5.1 U	5.2 U	1.0 U	4.8 U
DI-N-BUTYL PHTHALATE	84-74-2	50(GV)	5 U	11 U	11 U	9 U	10 U	5 U	5 U	5 U	5 U	**2.4 JB**	**0.36 J**	**2.7 B**	4.8 U
PHENANTHRENE	85-01-8	50(GV)	5 U	11 U	11 U	9 U	10 U	5 U	5 U	5 U	5 U	5.1 U	5.2 U	0.20 U	4.8 U
BENZYL BUTYL PHTHALATE	85-68-7	50(GV)	5 U	NA	NA	9 U	10 U	NA	5 U	5 U	5 U	5.1 U	5.2 U	1.0 U	**0.50 J**
FLUORENE	86-73-7	50(GV)	5 U	11 U	11 U	9 U	10 U	5 U	5 U	5 U	5 U	5.1 U	5.2 U	0.20 U	4.8 U
CARBAZOLE	86-74-8	NS	5 U	11 U	11 U	9 U	10 U	5 U	5 U	5 U	5 U	5.1 U	5.2 U	1.0 U	4.8 U
NAPHTHALENE	91-20-3	10(GV)	**2.3 J**	**15 D**	**22**	**13**	**14 D**	**11**	**15**	5 U	**5**	**1.3 J**	5.2 U	**2.9**	4.8 U
2-METHYLPHENOL	95-48-7	1	5 U	11 U	15 U	9 U	10 U	5 U	5 U	5 U	5 U	**1.3 J**	**0.48 J**	**1.2**	4.8 U
2-CHLOROPHENOL	95-57-8	1	5 U	11 U	11 U	9 U	10 U	5 U	5 U	5 U	5 U	5.1 U	5.2 U	1.0 U	4.8 U
ACETOPHENONE	98-86-2	NS	5 U	NA	NA	9 U	10 U	NA	NA	NA	5 U	5.1 U	**0.82 J**	**5.7 B**	**1.9 J**
Total SVOCs			**23.3**	**125**	**122**	**99**	**63**	**48**	**15**	**18**	**23**	**15.8**	**7.0**	**37.2**	**3.8**

Sample ID			MW-32												
Sampling Date			**3/27/08**	**8/26/08**	**12/5/08**	**3/26/09**	**6/19/09**	**9/17/09**	**12/8/09**	**3/4/10**	**9/30/10**	**1/18/12**	**5/10/13**	**6/12/14**	**11/11/15**
Semi-Volatiles	CAS #	AWQS/GV Values													
4-NITROPHENOL	100-02-7	1	10 U	26 U	26 U	26 U	28 U	26 U	26 U	26 U	26 U	10 U	9.5 U	5.0 U	9.9 U
BENZALDEHYDE	100-52-7	NS	5 U	NA	NA	NA	NA	NA	NA	NA	NA	5 U	4.7 U	1.0 U	4.9 U
CAPROLACTAM	105-60-2	NS	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	4.7 U	**3.7 JB**	4.9 U
2,4-DIMETHYLPHENOL	105-67-9	50(GV)	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	4.7 U	2.0 U	4.9 U
4-METHYLPHENOL	106-44-5	1	NA	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	10 U	9.5 U	2.0 U	9.9 U
BIS(2-CHLOROISOPROPYL) ETHER	108-60-1	5	5 U	NA	NA	NA	NA	NA	NA	NA	5 U	5 U	4.7 U	1.0 U	4.9 U
PHENOL	108-95-2	1	5 U	5 U	**13**	5 U	6 U	5 U	5 U	5 U	5 U	5 U	**0.50 J**	**1.5**	4.9 U
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	5	5 U	5 U	**6 B**	5 U	6 U	5 U	5 U	5 U	5 U	5 U	4.7 U	2.0 U	4.9 U
DI-N-OCTYLPHTHALATE	117-84-0	50(GV)	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	4.7 U	0.20 U	4.9 U
ANTHRACENE	120-12-7	50(GV)	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	4.7 U	0.20 U	4.9 U
PYRENE	129-00-0	50(GV)	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	4.7 U	0.20 U	4.9 U
DIBENZOFURAN	132-64-9	NS	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	10 U	9.5 U	1.0 U	9.9 U
BENZO(G,H,I)PERYLENE	191-24-2	NS	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	4.7 U	0.20 U	4.9 U
INDENO(1,2,3-C,D)PYRENE	193-39-5	0.002 (GV)	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	4.7 U	0.20 U	4.9 U
BENZO(B)FLUORANTHENE	205-99-2	0.002 (GV)	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	4.7 U	0.20 U	4.9 U
FLUORANTHENE	206-44-0	50(GV)	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	4.7 U	0.20 U	4.9 U
BENZO(K)FLUORANTHENE	207-08-9	0.002 (GV)	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	4.7 U	0.20 U	4.9 U
ACENAPHTHYLENE	208-96-8	NS	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	4.7 U	0.20 U	4.9 U
CHRYSENE	218-01-9	0.002 (GV)	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	4.7 U	0.20 U	4.9 U
BENZO(A)PYRENE	50-32-8	NS	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	4.7 U	0.20 U	4.9 U
DIBENZ(A,H)ANTHRACENE	53-70-3	NS	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	4.7 U	0.20 U	4.9 U
BENZO(A)ANTHRACENE	56-55-3	0.002 (GV)	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	4.7 U	0.20 U	4.9 U
ACENAPHTHENE	83-32-9	20	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.7 U	0.20 U	4.9 U
DIETHYL PHTHALATE	84-66-2	50(GV)	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	4.7 U	**0.54 JB**	4.9 U
DI-N-BUTYL PHTHALATE	84-74-2	50(GV)	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	**1.6 JB**	4.7 U	**2.2 B**	4.9 U
PHENANTHRENE	85-01-8	50(GV)	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	4.7 U	0.20 U	4.9 U
BENZYL BUTYL PHTHALATE	85-68-7	50(GV)	5 U	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	4.7 U	1.0 U	4.9 U
FLUORENE	86-73-7	50(GV)	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	4.7 U	0.20 U	4.9 U
CARBAZOLE	86-74-8	NS	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	4.7 U	1.0 U	4.9 U
NAPHTHALENE	91-20-3	10(GV)	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	4.7 U	0.20 U	4.9 U
2-METHYLPHENOL	95-48-7	1	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	4.7 U	1.0 U	4.9 U
2-CHLOROPHENOL	95-57-8	1	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	4.7 U	1.0 U	4.9 U
ACETOPHENONE	98-86-2	NS	5 U	NA	NA	NA	NA	NA	NA	NA	5 U	5 U	4.7 U	**0.52 JB**	4.9 U
Total SVOCs			ND	ND	**19**	ND	ND	ND	ND	ND	ND	**1.6**	**0.50**	**8.5**	ND

Sample ID			MW-31												
Sampling Date			**3/25/08**	**8/26/08**	**12/4/08**	**3/25/09**	**6/19/09**	**9/17/09**	**12/10/09**	**3/5/10**	**9/30/10**	**1/20/12**	**5/9/13**	**6/12/14**	**11/10/15**
Semi-Volatiles	CAS #	AWQS/GV Values													
4-NITROPHENOL	100-02-7	1	10 U	26 U	26 U	26 U	25 U	25 U	26 U	25 U	25 U	9.9 U	5 U	5.0 U	9.3 U
BENZALDEHYDE	100-52-7	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5 U	1.0 U	**0.46 JB**
CAPROLACTAM	105-60-2	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**4.1 JB**	4.7 U
2,4-DIMETHYLPHENOL	105-67-9	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2.0 U	4.7 U
4-METHYLPHENOL	106-44-5	1	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	9.9 U	5 U	2.0 U	9.3 U
BIS(2-CHLOROISOPROPYL) ETHER	108-60-1	5	5 U	NA	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	1.0 U	4.7 U
PHENOL	108-95-2	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**0.78 J**	4.7 U
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	5	5 U	5 U	**10 B**	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**2.2**	4.7 U
DI-N-OCTYLPHTHALATE	117-84-0	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.9 U	5 U	4.7 U
ANTHRACENE	120-12-7	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.7 U
PYRENE	129-00-0	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.7 U
DIBENZOFURAN	132-64-9	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	9.9 U	5 U	1.0 U	4.7 U
BENZO(G,H,I)PERYLENE	191-24-2	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	9.3 U
INDENO(1,2,3-C,D)PYRENE	193-39-5	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.7 U
BENZO(B)FLUORANTHENE	205-99-2	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.7 U
FLUORANTHENE	206-44-0	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.7 U
BENZO(K)FLUORANTHENE	207-08-9	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.7 U
ACENAPHTHYLENE	208-96-8	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.7 U
CHRYSENE	218-01-9	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.7 U
BENZO(A)PYRENE	50-32-8	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.7 U
DIBENZ(A,H)ANTHRACENE	53-70-3	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.7 U
BENZO(A)ANTHRACENE	56-55-3	0.002 (GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.7 U
ACENAPHTHENE	83-32-9	20	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.7 U
DIETHYL PHTHALATE	84-66-2	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**0.72 JB**	4.7 U
DI-N-BUTYL PHTHALATE	84-74-2	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**1.5 JB**	**0.39 J**	**3.2 B**	4.7 U
PHENANTHRENE	85-01-8	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.7 U
BENZYL BUTYL PHTHALATE	85-68-7	50(GV)	5 U	NA	NA	NA	NA	NA	5 U	NA	5 U	5 U	5 U	1.0 U	4.7 U
FLUORENE	86-73-7	50(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.7 U
CARBAZOLE	86-74-8	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1.0 U	4.7 U
NAPHTHALENE	91-20-3	10(GV)	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.20 U	4.7 U
2-METHYLPHENOL	95-48-7	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1.0 U	4.7 U
2-CHLOROPHENOL	95-57-8	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1.0 U	4.7 U
ACETOPHENONE	98-86-2	NS	5 U	NA	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	**0.40 JB**	4.7 U
Total SVOCs			ND	ND	**10**	ND	ND	ND	ND	ND	ND	**1.5**	**0.39**	**11.4**	**0.46**

Sample ID			MW-33												
Sampling Date			**3/26/08**	**8/26/08**	**12/5/08**	**3/26/09**	**6/17/09**	**9/17/09**	**12/8/09**	**3/4/10**	**9/29/10**	**1/19/12**	**5/10/13**	**6/12/14**	**11/12/15**
Semi-Volatiles	CAS #	AWQS/GV Values													
4-NITROPHENOL	100-02-7	1	10 U	28 U	28 U	53 U	25 U	27 U	54 U	27 U	27 U	10 U	9.9 U	5.0 U	9.6 U
BENZALDEHYDE	100-52-7	NS	5 U	NA	NA	NA	NA	NA	NA	NA	NA	5.1 U	**0.28 J**	1.0 U	**0.43 JB**
CAPROLACTAM	105-60-2	NS	5 U	6 U	6 U	11 U	5 U	5 U	11 U	5 U	5 U	5.1 U	4.9 U	5.0 U	4.8 U
2,4-DIMETHYLPHENOL	105-67-9	50(GV)	5 U	6 U	6 U	11 U	5 U	5 U	11 U	5 U	5 U	5.1 U	4.9 U	2.0 U	4.8 U
4-METHYLPHENOL	106-44-5	1	5 U	6 U	6 U	11 U	5 U	5 U	11 U	5 U	5 U	10 U	**0.67 J**	2.0 U	9.6 U
BIS(2-CHLOROISOPROPYL) ETHER	108-60-1	5	5 U	NA	NA	NA	NA	NA	NA	NA	5 U	5.1 U	4.9 U	1.0 U	4.8 U
PHENOL	108-95-2	1	5 U	6 U	6 U	11 U	5 U	5 U	11 U	5 U	5 U	5.1 U	4.9 U	**0.54 J**	4.8 U
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	5	5 U	6 U	6 U	11 U	5 U	5 U	11 U	5 U	5 U	5.1 U	4.9 U	**2.1**	4.8 U
DI-N-OCTYLPHTHALATE	117-84-0	50(GV)	5 U	6 U	6 U	11 U	5 U	5 U	11 U	5 U	5 U	5.1 U	4.9 U	1.0 U	4.8 U
ANTHRACENE	120-12-7	50(GV)	5 U	6 U	6 U	11 U	5 U	5 U	11 U	5 U	5 U	**0.30 J**	4.9 U	0.20 U	4.8 U
PYRENE	129-00-0	50(GV)	5 U	6 U	6 U	11 U	5 U	5 U	11 U	5 U	5 U	**0.73 J**	4.9 U	0.20 U	4.8 U
DIBENZOFURAN	132-64-9	NS	5 U	6 U	6 U	11 U	5 U	5 U	11 U	5 U	5 U	10 U	9.9 U	1.0 U	9.6 U
BENZO(G,H,I)PERYLENE	191-24-2	NS	5 U	6 U	6 U	11 U	5 U	5 U	11 U	5 U	5 U	5.1 U	4.9 U	0.20 U	4.8 U
INDENO(1,2,3-C,D)PYRENE	193-39-5	0.002 (GV)	5 U	6 U	6 U	11 U	5 U	5 U	11 U	5 U	5 U	5.1 U	4.9 U	0.20 U	4.8 U
BENZO(B)FLUORANTHENE	205-99-2	0.002 (GV)	5 U	6 U	6 U	11 U	5 U	5 U	11 U	5 U	5 U	**0.57 J**	4.9 U	0.20 U	4.8 U
FLUORANTHENE	206-44-0	50(GV)	5 U	6 U	6 U	11 U	5 U	5 U	11 U	5 U	5 U	**0.99 J**	4.9 U	0.20 U	4.8 U
BENZO(K)FLUORANTHENE	207-08-9	0.002 (GV)	5 U	6 U	6 U	11 U	5 U	5 U	11 U	5 U	5 U	5.1 U	4.9 U	0.20 U	4.8 U
ACENAPHTHYLENE	208-96-8	NS	5 U	6 U	6 U	11 U	5 U	5 U	11 U	5 U	5 U	5.1 U	4.9 U	0.20 U	4.8 U
CHRYSENE	218-01-9	0.002 (GV)	5 U	6 U	6 U	11 U	5 U	5 U	11 U	5 U	5 U	**0.65 J**	4.9 U	0.20 U	4.8 U
BENZO(A)PYRENE	50-32-8	NS	5 U	6 U	6 U	11 U	5 U	5 U	11 U	5 U	5 U	5.1 U	4.9 U	0.20 U	4.8 U
DIBENZ(A,H)ANTHRACENE	53-70-3	NS	5 U	6 U	6 U	11 U	5 U	5 U	11 U	5 U	5 U	5.1 U	4.9 U	0.20 U	4.8 U
BENZO(A)ANTHRACENE	56-55-3	0.002 (GV)	5 U	6 U	6 U	11 U	5 U	5 U	11 U	5 U	5 U	**0.54 J**	4.9 U	0.20 U	4.8 U
ACENAPHTHENE	83-32-9	20	5 U	5 U	5 U	11 U	5 U	5 U	11 U	5 U	5 U	5.1 U	4.9 U	0.20 U	4.8 U
DIETHYL PHTHALATE	84-66-2	50(GV)	5 U	6 U	6 U	11 U	5 U	5 U	11 U	5 U	5 U	**0.41 J**	4.9 U	1.0 U	4.8 U
DI-N-BUTYL PHTHALATE	84-74-2	50(GV)	5 U	6 U	6 U	11 U	5 U	5 U	11 U	5 U	5 U	**1.2 JB**	4.9 U	**2.6 B**	4.8 U
PHENANTHRENE	85-01-8	50(GV)	5 U	6 U	6 U	11 U	5 U	5 U	11 U	5 U	5 U	**0.91 J**	4.9 U	0.20 U	4.8 U
BENZYL BUTYL PHTHALATE	85-68-7	50(GV)	5 U	NA	NA	NA	NA	NA	11 U	NA	5 U	5.1 U	4.9 U	**1.4**	4.8 U
FLUORENE	86-73-7	50(GV)	5 U	6 U	6 U	11 U	5 U	5 U	11 U	5 U	5 U	5.1 U	4.9 U	0.20 U	4.8 U
CARBAZOLE	86-74-8	NS	5 U	6 U	6 U	11 U	5 U	5 U	11 U	5 U	5 U	**0.37 J**	4.9 U	1.0 U	4.8 U
NAPHTHALENE	91-20-3	10(GV)	5 U	6 U	6 U	11 U	5 U	5 U	**35**	5 U	5 U	5.1 U	4.9 U	0.20 U	4.8 U
2-METHYLPHENOL	95-48-7	1	5 U	6 U	6 U	11 U	5 U	5 U	11 U	5 U	5 U	5.1 U	**0.59 J**	1.0 U	4.8 U
2-CHLOROPHENOL	95-57-8	1	5 U	6 U	6 U	11 U	5 U	5 U	11 U	5 U	5 U	5.1 U	4.9 U	1.0 U	4.8 U
ACETOPHENONE	98-86-2	NS	5 U	NA	NA	NA	NA	NA	NA	NA	5 U	5.1 U	4.9 U	**0.71 JB**	4.8 U
Total SVOCs			ND	ND	ND	ND	ND	ND	**35**	ND	ND	**6.7**	**1.5**	**7.4**	**0.43**

Notes:
AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values
Units are micrograms per liter (µg/L)
NS - No Standard or Guidance Value
NA - Not analyzed
Detected concentrations shown in **bold** font.
Shaded cell indicates exceedances of AWQS/GV.
E - Value above quantitation range
B - For organic analyses - compound detected in laboratory method blank. For inorganic analyses - indicates trace concentration below reporting limit and equal to or above the detection limit.
U - Compound not detected at or above the instrument detection limit (IDL).
ND - No analytes detected above MDL
J - Estimated concentration above the IDL but less than the contract required detection limits (CRDL).
D - Results from a subsequent dilution of the original sample due to original sample results being outside the linear range.
* - LCS or LCSD exceeds the control limits
** - Duplicate sample produced equivalent results
H - Sample was prepped or analyzed beyond the specific holding time

Historical Groundwater Analytical Summary – Metals

Appendix B
Historical Groundwater Analytical Summary (2008-2015)
34 Freeman's Bridge Road
Glenville, New York
Site No. 447028
Metals

Sample ID			MW-11																		MW-11D															
Sampling Date			3/27/08	8/26/08	12/3/08	3/26/09	6/18/09	9/16/09	12/8/09	3/3/10	9/28/10	1/17/12**	5/8/13	6/11/14	11/10/15	3/27/08	8/26/08	12/3/08	3/26/09	6/18/09	9/16/09	12/10/09	3/3/10	9/28/10	1/17/12**	5/8/13	6/11/14	11/10/15
Metals	CAS #	AWQS/GV Values																																		
ALUMINUM	7429-90-5	NS	**4,190**	**521**	**307**	**285**	**335**	**1,280**	**230**	100 U	**718**	NA	NA	**11,300**	NA	**60.4** J	100 U	100 U	100 U	100 U	**790**	100 U	100 U	100 U	NA	NA	200 U	NA
ANTIMONY	7440-36-0	3	6.8 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	20 U	20 U	20 U	20 U	6.8 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	20 U	20 U	20 U	20 U
ARSENIC	7440-38-2	25	**5.99** J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**7.1** J	**11**	**8.3** J	**7.9** J	3.9 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	10 U	15 U	10 U
BARIUM	7440-39-3	1,000	**79.4** J	**67**	**60**	**56**	**56**	**64**	**60**	**50**	**67**	NA	NA	**140**	NA	**153** J	**187**	**180**	**168**	**173**	**155**	**152**	**132**	**141**	NA	NA	**250**	NA
BERYLLIUM	7440-41-7	3	**0.59** J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**0.60** J	**1.1** J	**0.68** J	**0.81** J	0.3 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2 U	2 U	2 U	2 U
CADMIUM	7440-43-9	5	1.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**0.48** J	**0.94** J	2 U	**0.71** J	1.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	2 U	1 U
CALCIUM	7440-70-2	NS	**117,000**	**161,000**	**149,000**	**170,000**	**152,000**	**144,000**	**155,000**	**149,000**	**176,000**	NA	NA	**267,000**	NA	**178,000**	**311,000**	**284,000**	**167,000** R	**169,000**	**180,000**	**190,000**	**166,000**	**168,000**	NA	NA	**200,000**	NA
CHROMIUM	7440-47-3	50	**10.4**	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**19**	**28**	**16**	**23**	1.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**1.7** J	4 U	4 U	4 U
COBALT	7440-48-4	NS	**6.78** J	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	NA	**14**	NA	2.4 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	NA	4 U	NA
COPPER	7440-50-8	200	**11.4** J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**5**	**17**	**31**	**20** B	**21**	1.7 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**4.2** J	10 U	**3.5** JB	10 U
CYANIDE	57-12-5	200	**28.1**	10 U	10 U	10 U	10 U	10 U	10	10 U	10 U	NA	NA	1 U	NA	**4.5**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA	NA	10 U	NA
IRON	7439-89-6	300	**11,500**	**1,640**	**1,250**	**462**	**1,350**	**2,900**	**1,200**	**558**	**1,420**	NA	NA	**15,800**	NA	**3,100**	**6,310**	**6,820**	**6,620**	**6,740**	**7,160**	**5,710**	**4,280**	**4,350**	NA	NA	**4,700**	NA
LEAD	7439-92-1	25	**11.7**	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**11**	**23**	**16**	**29**	4.6 U	**12**	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U
MAGNESIUM	7439-95-4	35,000 (GV)	**18,800**	**22,800**	**21,800**	**24,600**	**22,700**	**22,300**	**23,100**	**20,400**	**26,300**	NA	NA	**43,200**	NA	**31,200**	**34,500**	**30,000**	**25,500**	**26,200**	**22,600**	**21,700**	**17,100**	**17,600**	NA	NA	**20,400**	NA
MANGANESE	7439-96-5	300	**1,180**	**2,200**	**1,780**	**1,620**	**1,780**	**1,690**	**1,770**	**1,630**	**1,810**	NA	NA	**4,800**	NA	**269**	**540**	**529**	**512**	**515**	**440**	**397**	**317**	**305**	NA	NA	**320**	NA
MERCURY	7439-97-6	0.7	0.08 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0 U	NA	0.08 U	0.2 U	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0 U	NA
NICKEL	7440-02-0	100	**10.9** J	20 U	20 U	20 U	20 U	20 U	20 U	20 U	**19**	**31**	**19**	**27**	4.7 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U
POTASSIUM	7440-09-7	NS	**1,590** J	**2,130**	**1,710**	**1,880**	**1,670**	**1,840**	**1,590**	**1,280**	**1,970**	NA	NA	**4,700**	NA	**2,490** J	**2,990**	**2,830**	**2,980**	**3,020**	**2,520**	**2,750**	**2,230**	**2,810**	NA	NA	**4,400**	NA
SELENIUM	7782-49-2	10	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	15 U	15 U	25 U	15 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	15 U	15 U	8.7 U	15 U
SILVER	7440-22-4	50	0.7 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 S	3 U	3 U	6 U	3 U	0.7 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	3 U	3 U	6 U	3 U
SODIUM	7440-23-5	20,000	**23,600**	**27,300**	**34,300**	**27,400**	**28,200**	**30,300**	**39,100**	**36,100**	**36,700**	NA	NA	**33,000**	NA	**69,200**	**40,200**	**83,600**	**45,300**	**45,800**	**43,100**	**68,500**	**79,000**	**64,900**	NA	NA	**64,100**	NA
THALLIUM	7440-28-0	0.5 (GV)	8 U	10 U	10 U	10 U	10 U	**13**	**20**	10 U	**14**	20 U	20 U	20 U	20 U	8 U	10 U	10 U	10 U	10 U	**14**	**10**	10 U	**15**	20 U	20 U	20 U	20 U
VANADIUM	7440-62-2	NS	**12.6** J	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	NA	NA	**26**	NA	3.1 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	NA	NA	5 U	NA
ZINC	7440-66-6	2,000 (GV)	**51.5** J	10 U	10 U	10 U	10 U	**14**	10 U	10 U	10 U	**49**	**93**	**50**	**72**	**9.89** J	10 U	10 U	10 U	**69**	10 U	**77**	10 U	10 U	**3.9** J	**2.1** J	10 U	**1.8** J

Sample ID			MW-12													MW-15												
Sampling Date			3/24/08	8/26/08	12/5/08	3/26/09	6/18/09	9/16/09	12/8/09	3/3/10	9/30/10	1/19/12**	5/9/13	6/12/14	11/12/15	3/26/08	8/26/08	12/5/08	3/27/09	6/19/09	9/17/09	12/10/09	3/5/10	9/30/10	1/17/12**	5/9/13	6/13/14	11/12/15
Metals	CAS #	AWQS/GV Values																										
ALUMINUM	7429-90-5	NS	**830**	**14,100**	**1,460**	**558**	**843**	**1,880**	**2,570**	**17,400**	**1,080**	NA	NA	**3,900**	NA	**1,840**	**6,660**	**10,900**	**277**	**1,320**	**693**	**1,660**	**1,340**	**803**	NA	NA	**35,600**	NA
ANTIMONY	7440-36-0	3	6.8 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	20 U	20 U	20 U	20 U	6.8 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	20 U	20 U	20 U	20 U
ARSENIC	7440-38-2	25	3.9 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**6.5** J	10 U	15 U	**10**	3.9 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**7.9** J	**31**	**23**	**14**
BARIUM	7440-39-3	1,000	**40.5** J	**181**	**79**	**70**	**65**	**78**	**81**	**165**	**65**	NA	NA	**74**	NA	**29.3** J	**66**	**90**	**24**	**31**	**46**	**37**	**43**	**29**	NA	NA	**410**	NA
BERYLLIUM	7440-41-7	3	**0.5** J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**0.82** J	**0.45** J	2 U	**1.5** J	**0.38** J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**0.89** J	**2.8**	**2.1**	**1.4** J
CADMIUM	7440-43-9	5	1.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**0.67** J	1 U	2 U	**0.94** J	1.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**0.47** J	**1.8**	**1.70** J	**1.2**
CALCIUM	7440-70-2	NS	**95,100**	**149,000**	**140,000**	**112,000**	**125,000**	**145,000**	**143,000**	**132,000**	**126,000**	NA	NA	**124,000**	NA	**65,600**	**115,000**	**127,000**	**106,000**	**105,000**	**109,000**	**101,000**	**106,000**	**98,800**	NA	NA	**146,000**	NA
CHROMIUM	7440-47-3	50	**1.5** J	**20**	5 U	5 U	5 U	5 U	5 U	**41**	5 U	**20**	**12**	**4.3**	**35**	**3.27** J	**6**	5 U	5 U	**11**	5 U	5 U	5 U	5 U	**26**	**85**	**93**	**63**
COBALT	7440-48-4	NS	2.4 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	NA	**1.8** J	NA	**3.05** J	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	NA	**32**	NA
COPPER	7440-50-8	200	1.7 U	**35**	**8**	**11**	5 U	**9**	**7**	**42**	**7**	**26** B	**17**	**6.4** J	**46**	**4.06** J	**15**	**30**	**6**	5 U	**8**	**6**	**13**	5 U	**44**	**230**	**150**	**110**
CYANIDE	57-12-5	200	**2.9**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA	NA	10 U	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA	NA	10 U	NA
IRON	7439-89-6	300	**2,160**	**26,500**	**2,610**	**450**	**1,460**	**3,790**	**4,250**	**32,800**	**2,340**	NA	NA	**4,200**	NA	**4,080**	**1,110**	**18,400**	**776**	**3,490**	**2,570**	**3,940**	**3,730**	**1,640**	NA	NA	**63,900**	NA
LEAD	7439-92-1	25	4.6 U	5 U	5 U	5 U	5 U	5 U	5 U	**20**	5 U	**13**	**5.7**	**3.6** J	**24**	4.6 U	5 U	**11**	5 U	5 U	5 U	5 U	5 U	5 U	**32**	**89**	**430**	**240**
MAGNESIUM	7439-95-4	35,000 (GV)	**10,300**	**20,000**	**17,300**	**12,600**	**15,800**	**16,500**	**17,200**	**18,600**	**16,300**	NA	NA	**15,500**	NA	**11,400**	**20,000**	**24,100**	**18,500**	**19,800**	**18,800**	**18,300**	**18,700**	**18,900**	NA	NA	**34,100**	NA
MANGANESE	7439-96-5	300	**49**	**242**	**59**	**27**	20 U	**52**	**39**	**295**	**120**	NA	NA	**40**	NA	**224**	**474**	**583**	**282**	**306**	**353**	**326**	**323**	**270**	NA	NA	**1,200**	NA
MERCURY	7439-97-6	0.7	0.08 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.08 U	0.2 U	0.2 U	0.2 U	0.02 U	0.02 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.14** J	**0.37**	NA
NICKEL	7440-02-0	100	4.7 U	**21**	20 U	20 U	20 U	20 U	20 U	**31**	20 U	**15**	**11**	**5** J	**35**	4.7 U	20 U	**29**	20 U	20 U	20 U	20 U	20 U	20 U	**24**	**100**	**69**	**43**
POTASSIUM	7440-09-7	NS	**1,170** J	**6,180**	**2,970**	**2,130**	**2,500**	**3,520**	**2,980**	**4,700**	**2,590**	NA	NA	**2,700**	NA	**1,540** J	**5,120**	**6,220**	**2,740**	**2,820**	**3,140**	**3,240**	**2,480**	**2,880**	NA	NA	**9,800** B	NA
SELENIUM	7782-49-2	10	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	15 U	15 U	25 U	15 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	15 U	15 U	25 U	15 U
SILVER	7440-22-4	50	0.7 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	3 U	3 U	6 U	3 U	0.7 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	3 U	3 U	6 U	3 U
SODIUM	7440-23-5	20,000	**6,500**	**11,500**	**14,200**	**8,620**	**11,200**	**12,100**	**10,900**	**8,480**	**14,400**	NA	NA	**4,900**	NA	**14,200**	**26,600**	**35,900**	**38,900**	**31,600**	**32,400**	**64,300**	**31,100**	**38,300**	NA	NA	**33,500** B	NA
THALLIUM	7440-28-0	0.5 (GV)	8 U	10 U	10 U	10 U	10 U	**40**	10 U	10 U	10 U	20 U	20 U	20 U	20 U	8 U	10 U	10 U	10 U	10 U	**23**	10 U	10 U	10 U	20 U	20 U	20 U	20 U
VANADIUM	7440-62-2	NS	3.1 U	**31**	20 U	20 U	20 U	20 U	20 U	**41**	20 U	NA	NA	**7.3**	NA	**4.9** J	20 U	29	20 U	20 U	20 U	20 U	20 U	20 U	NA	NA	**86**	NA
ZINC	7440-66-6	2,000 (GV)	**19.2** J	**136**	**23**	**11**	**10**	**22**	**15**	**143**	**16**	**59** B	**51**	**23**	**170** B	**23** J	**34**	**74**	10 U	**15**	**28**	**67**	**42**	**16**	**160**	**600**	**680**	**460** B

Notes:
AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values
Units are micrograms per liter (µg/L)
NS - No Standard or Guidance Value
Detected concentrations and qualifiers shown in **bold** font. Shaded cell indicates exceedances of AWQS/GV.
U - Compound not detected at or above the instrument detection limit (IDL).
J - Estimated concentration above the IDL but less than the contract required detection limits (CRDL).
D - Results from a subsequent dilution of the original sample due to original sample results being outside the linear range.
S - LCS Spike Recovery outside accepted recovery limits
* - Duplicate sample with varying results given
** - Metals E 200.7 and Mercury E 245.1
NA - not analyzed
R - RPD outside accepted recovery limits
B - Compound was found in the blank and sample.
^ - Instrument related QC exceeds the control limits.

Appendix B
Historical Groundwater Analytical Summary (2008-2015)
34 Freeman's Bridge Road
Glenville, New York
Site No. 447028
Metals

Sample ID			MW-15D													MW-16											
Sampling Date			3/26/08	8/26/08	12/5/08	3/27/09	6/19/09	9/17/09	12/10/09	3/5/10	9/30/10	1/17/12**	5/9/13	6/13/14	11/12/15	3/25/08	8/26/08	12/3/08	3/25/09	6/17/09	9/15/09	12/9/09	3/3/10	9/28/10	1/18/12**	5/8/13	6/11/14	11/11/15
Metals	CAS #	AWQS/GV Values																									
ALUMINUM	7429-90-5	NS	45.8 U	430	440	100 U	147	100 U	100 U	123	204	NA	NA	9,600	NA	45.8 U	100 U	100 U	103	100 U	100 U	2,550	763	418	NA	NA	8,100	NA
ANTIMONY	7440-36-0	3	6.8 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	20 U	20 U	20 U	8.8 J	6.8 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	20 U	20 U	20 U	20 U
ARSENIC	7440-38-2	25	3.9 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	18	10 U	5.9 J	19	3.9 U	7	5 U	14	5 U	5 U	5 U	5 U	5 U	16	6.8 J	12 J	10 U
BARIUM	7440-39-3	1,000	13.2 J	21	25	19	22	22	20	19	25	NA	NA	230	NA	247	160	241	174	255	320	299	277	350	NA	NA	330	NA
BERYLLIUM	7440-41-7	3	0.3 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2.7	2 U	0.74 J	1.3 J	0.3 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2 U	2 U	0.41 J	2 U
CADMIUM	7440-43-9	5	1.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1.4	1 U	0.57 J	1.4	1.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.49 J	0.72 J	2 U	1 U
CALCIUM	7440-70-2	NS	61,100	111,000	112,000	115,000	111,000	127,000	104,000	100,000	101,000	NA	NA	152,000	NA	347,000	254,000	250,000	297,000	265,000	288,000	285,000	274,000	306,000	NA	NA	263,000	NA
CHROMIUM	7440-47-3	50	2.32 J	5 U	5 U	5 U	10	5 U	5 U	5 U	5 U	49	2.5 J	39	89	1.31 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	6.4	3 J	14	2.6 J
COBALT	7440-48-4	NS	2.4 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	NA	8.2	NA	2.4 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	NA	4.8	NA
COPPER	7440-50-8	200	1.7 U	5 U	5 U	6	5 U	5 U	5 U	8	6	94	5.6 J	54	130	1.7 U	5 U	5 U	5 U	5 U	5 U	9	8	5 U	5.4 J	3 J	14 B	10 U
CYANIDE	57-12-5	200	1.9	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA	NA	10 U	NA	7.6	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA	NA	10 U	NA
IRON	7439-89-6	300	37 U	864	831	56	175	91	128	68	673	NA	NA	14,800	NA	19,200	14,500	11,400	3,830	12,900	17,800	19,600	18,700	29,700	NA	NA	37,700	NA
LEAD	7439-92-1	25	4.6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	67	5 U	230	480	4.6 U	5 U	5 U	5 U	5 U	5 U	16	5 U	5 U	11	4 J	28	9.3
MAGNESIUM	7439-95-4	35,000 (GV)	10,300	17,900	19,200	19,000	19,000	20,500	17,700	15,500	18,600	NA	NA	28,600	NA	47,900	48,200	34,000	42,100	36,900	33,700	35,500	34,800	39,900	NA	NA	40,300	NA
MANGANESE	7439-96-5	300	38.7	108	114	103	124	136	118	113	149	NA	NA	460	NA	2,430	3,000	1,490	2,100	1,540	1,420	1,610	1,580	2,330	NA	NA	2,000	NA
MERCURY	7439-97-6	0.7	0.08 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2	0 U	0 U	NA	0.08 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U	NA
NICKEL	7440-02-0	100	4.7 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	70	10 U	17	48	4.7 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	3.6 J	2 J	13	10 U
POTASSIUM	7440-09-7	NS	1,480 J	3,340	3,240	3,880	3,660	4,130	3,310	3,170	3,890	NA	NA	5,800 B	NA	7,790	6,040	9,430	7,770	11,400	9,300	10,300	9,520	11,900	NA	NA	8,000	NA
SELENIUM	7782-49-2	10	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	15 U	15 U	25 U	15 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	15 U	15 U	25 U	15 U
SILVER	7440-22-4	50	0.7 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	3 U	3 U	6 U	3 U	0.7 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	3 U	3 U	6 U	3 U
SODIUM	7440-23-5	20,000	30,500	34,600	38,400	43,200	32,200	37,800	38,600	41,500	42,800	NA	NA	48,400 B	NA	31,300	22,800	20,500	24,500	20,100	14,100	17,100	22,700	24,800	NA	NA	18,600	NA
THALLIUM	7440-28-0	0.5 (GV)	8 U	10 U	10 U	10 U	10 U	25	17	10 U	10 U	20 U	20 U	20 U	20 U	8 U	10 U	10 U	10 U	10 U	31	32	10 U	21	20 U	20 U	20 U	20 U
VANADIUM	7440-62-2	NS	3.1 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	NA	NA	21	NA	3.1 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	NA	NA	18	NA
ZINC	7440-66-6	2,000 (GV)	10.6 J	13	13	10 U	10 U	10 U	72	10 U	30	340	14	210	710 B	16.7 J	10 U	10 U	10 U	14	10	211	47	10 U	36	22	110	18

Sample ID			MW-16D													MW-18											
Sampling Date			3/25/08	8/26/08	12/3/08	3/25/09	6/17/09	9/15/09	12/9/09	3/3/10	9/28/10	1/18/12**	5/8/13	6/11/14	11/11/15	3/26/08	8/26/08	12/5/08	3/27/09	6/18/09	9/16/09	12/10/09	3/3/10	10/1/10	1/19/12**	5/10/13	6/12/14	11/12/15
Metals	CAS #	AWQS/GV Values																										
ALUMINUM	7429-90-5	NS	103 J	100 U	100 U	100 U	100 U	100 U	215	100 U	100 U	NA	NA	200 U	NA	930	970	386	444	187	176	160	100 U	1,150	NA	NA	170 J	NA
ANTIMONY	7440-36-0	3	6.8 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	20 U	20 U	20 U	20 U	6.8 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	20 U	20 U	20 U	NA
ARSENIC	7440-38-2	25	3.9 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	10 U	15 U	10 U	3.9 U	5 U	5 S	5 U	5 U	5 U	5 U	5 U	5 U	10 U	10 U	15 U	NA
BARIUM	7440-39-3	1,000	35.5 J	54	54	48	48	51	58	51	60	NA	NA	55	NA	19.6 J	51	21	20	21	19	22	13	24	NA	NA	14	NA
BERYLLIUM	7440-41-7	3	0.3 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2.0 U	2.0 U	2 U	2 U	0.3 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2 U	2 U	2 U	NA
CADMIUM	7440-43-9	5	1.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	2 U	1 U	1.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	2 U	NA
CALCIUM	7440-70-2	NS	69,200	121,000	112,000	114,000	109,000	99,400	106,000	107,000	117,000	NA	NA	122,000	NA	58,400	141,000	49,800	67,700	73,000	67,000	79,700	50,800	52,100	NA	NA	48,000	NA
CHROMIUM	7440-47-3	50	1.37 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1.2 J	4.0 U	4 U	4 U	4.33 J	5 U	5 U	5 U	5 U	5 U	5 U	8	5 U	4 U	4 U	4 U	NA
COBALT	7440-48-4	NS	7.93 J	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	NA	1.3 J	NA	2.56 J	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	NA	4 U	NA
COPPER	7440-50-8	200	1.7 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	10 U	3.5 JB	10 U	1.7 U	5 U	7 S	6	5 U	5 U	5 U	5 U	5 U	3.0 JB	10 U	10 U	NA
CYANIDE	57-12-5	200	5.1	20	10 U	10 U	750	10 U	10 U	10 U	10 U	NA	NA	10 U	NA	2.3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA	NA	10 U	NA
IRON	7439-89-6	300	1,640	1,200	1,210	822	877	1,820	3,690	982	1,880	NA	NA	1,100	NA	2,530	2,080	712 S	730	301	432	303	188	2,440	NA	NA	150	NA
LEAD	7439-92-1	25	4.6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	3.3 J	4.6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	NA
MAGNESIUM	7439-95-4	35,000 (GV)	11,100	19,500	18,800	18,500	18,200	17,100	16,800	16,300	19,500	NA	NA	20,700	NA	9,290	20,600	9,020	11,200	11,900	9,800	11,300	7,600	8,290	NA	NA	8,900	NA
MANGANESE	7439-96-5	300	841	803	598	499	610	662	997	528	776	NA	NA	900	NA	62.7	218	48	79	20 U	30	20 U	24	130	NA	NA	16	NA
MERCURY	7439-97-6	0.7	0.08 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.08 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA
NICKEL	7440-02-0	100	4.7 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	3.8 J	1.4 J	2.3 J	2.2 J	4.7 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	10 U	10 U	10 U	NA
POTASSIUM	7440-09-7	NS	1,100 J	2,680	2,430	2,490	2,480	1,940	2,320	2,020	2,490	NA	NA	2,000	NA	615 J	1,690	752	822	772	899	847	523	1,100	NA	NA	670	NA
SELENIUM	7782-49-2	10	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	15 U	15 U	25 U	15 U	5 U	5 U	5 S	5 U	5 U	5 U	5 U	5 U	5 U	15 U	15 U	25 U	NA
SILVER	7440-22-4	50	0.7 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	3 U	3 U	6 U	3 U	0.7 U	10 U	10 S	10 U	10 U	10 U	10 U	10 U	10 U	3 U	3 U	6 U	NA
SODIUM	7440-23-5	20,000	35,800	42,000	53,900	47,600	40,500	42,800	55,800	41,400	66,200	NA	NA	80,900	NA	3,570 J	10,000	13,200	12,200	6,580	5,230	6,000	3,850	6,160	NA	NA	3,400	NA
THALLIUM	7440-28-0	0.5 (GV)	8 U	10 U	10 U	10 U	10 U	17	15	10 U	13	20 U	20 U	20 U	20 U	8 U	10 U	10 U	10 U	10 U	15	10 U	10 U	19	20 U	20 U	20 U	NA
VANADIUM	7440-62-2	NS	3.1 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	NA	NA	5 U	NA	3.1 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	NA	NA	5 U	NA
ZINC	7440-66-6	2,000 (GV)	16 J	10 U	10 U	10 U	10 U	10 U	333	10 U	10 U	5.4 J	2.7 J	10 U	1.9 J	26.6 J	10 U	12	10 U	10 U	10 U	64	10 U	10 U	3.3 JB	2.1 J	2.8 J	NA

Notes:
AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values
Units are micrograms per liter (µg/L)
NS - No Standard or Guidance Value
Detected concentrations and qualifiers shown in **bold** font. Shaded cell indicates exceedances of AWQS/GV.
U - Compound not detected at or above the instrument detection limit (IDL).
J - Estimated concentration above the IDL but less than the contract required detection limits (CRDL).
D - Results from a subsequent dilution of the original sample due to original sample results being outside the linear range.
S - LCS Spike Recovery outside accepted recovery limits
* - Duplicate sample with varying results given
** - Metals E 200.7 and Mercury E 245.1
NA - not analyzed
R - RPD outside accepted recovery limits
B - Compound was found in the blank and sample.
^ - Instrument related QC exceeds the control limits.

Appendix B
Historical Groundwater Analytical Summary (2008-2015)
34 Freeman's Bridge Road
Glenville, New York
Site No. 447028
Metals

Sample ID			MW-19																MW-19D													
Sampling Date			3/26/08	8/25/08	12/4/08	3/27/09	6/18/09	9/16/09	12/10/09	3/4/10	9/28/10	1/18/12**	5/9/13	6/10/14	11/12/15	3/26/08	8/25/08	12/4/08	3/27/09	6/18/09	9/16/09	12/10/09	3/4/10	9/28/10	1/18/12**	5/9/13	6/13/14	11/12/15
Metals	CAS #	AWQS/GV Values																														
ALUMINUM	7429-90-5	NS	458	990	1,420	415	2,940	1,500	6,260	7,380	1,890	NA	NA	NA	NA	694	1,390	496	277	580	151	102	100	227	NA	NA	160 J	NA
ANTIMONY	7440-36-0	3	6.8 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	20 U	20 U	NA	NA	15.1 J	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	20 U	20 U	20 U	20 U
ARSENIC	7440-38-2	25	3.9 U	7	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	6.0 J	NA	NA	3.9 U	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	8.2 J	10 U	15 U	10 U
BARIUM	7440-39-3	1,000	29.1 J	109	73	46	116	79	117	112	86	NA	NA	NA	NA	42.3 J	60	53	47	48	47	49	48	56	NA	NA	51	NA
BERYLLIUM	7440-41-7	3	0.3 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.51 J	2 U	NA	NA	0.3 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2 U	2 U	20 U	2 U
CADMIUM	7440-43-9	5	1.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.39 J	0.51 J	NA	NA	1.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	20 U	1 U
CALCIUM	7440-70-2	NS	67,700	162,000	152,000	123,000	161,000	169,000	172,000	150,000	190,000	NA	NA	NA	NA	120,000	156,000	146,000	154,000	139,000	159,000	151,000	157,000	132,000	NA	NA	145,000	NA
CHROMIUM	7440-47-3	50	4.65 J	5 U	5 U	5 U	10	5 U	12	10	5 U	20	15	NA	NA	7.04 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	12	5.3	4 U	1.2 J	4 U
COBALT	7440-48-4	NS	2.4 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	NA	NA	NA	7.29 J	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	NA	4 U	NA
COPPER	7440-50-8	200	2.86 J	10	5 U	5 U	14	5 U	16	16	10	23	17	NA	NA	1.93 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	12	10 U	10 U	10 U
CYANIDE	57-12-5	200	2.3	10 U	10	10	10 U	10 U	10 U	10 U	10 U	NA	NA	NA	NA	4.8	10	10 U	10 U	10 U	10	10 U	10 U	10 U	NA	NA	10 U	NA
IRON	7439-89-6	300	1,520	4,570	3,410	966	5,580	3,770	13,600	15,700	4,760	NA	NA	NA	NA	8,990	9,350	6,950	5,880	6,530	6,240	5,990	6,030	5,830	NA	NA	6,000	NA
LEAD	7439-92-1	25	4.6 U	5 U	15	5 U	7	5 U	11	11	5 U	22	10	NA	NA	4.6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	6.0	5 U	3 U	5.0 U
MAGNESIUM	7439-95-4	35,000 (GV)	7,680	19,400	19,600	16,400	16,000	17,200	18,300	16,400	17,500	NA	NA	NA	NA	17,300	22,200	21,200	21,400	20,500	21,500	21,300	20,400	20,200	NA	NA	19,400	NA
MANGANESE	7439-96-5	300	116	1,820	597	184	1,100	1,220	1,390	936	1,860	NA	NA	NA	NA	429	594	523	518	506	530	528	540	484	NA	NA	480	NA
MERCURY	7439-97-6	0.7	0.09 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	NA	0.08 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA
NICKEL	7440-02-0	100	4.7 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	14	10	NA	NA	4.7 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	4.8 J	10 U	10 U	10 U
POTASSIUM	7440-09-7	NS	1,560 J	6,280	4,850	3,710	5,140	4,920	5,490	4,600	4,780	NA	NA	NA	NA	883 J	1,670	1,330	1,170	1,290	1,100	1,060	872	1,180	NA	NA	850 B	NA
SELENIUM	7782-49-2	10	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	15 U	15 U	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	15.0 U	15.0 U	25 U	15 U
SILVER	7440-22-4	50	0.7 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	3 U	3 U	NA	NA	0.7 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	3 U	3 U	6 U	3 U
SODIUM	7440-23-5	20,000	8,400	15,100	12,700	1,270	7,170	10,100	8,510	7,010	8,790	NA	NA	NA	NA	5,960	5,610	6,810	6,240	5,380	6,060	6,970	6,190	6,640	NA	NA	6,000 B	NA
THALLIUM	7440-28-0	0.5 (GV)	8 U	10 U	10 U	10 U	10 U	25	12	10 U	11	20 U	20 U	NA	NA	8 U	10 U	10 U	10 U	10 U	29	10 U	10 U	10	20 U	20 U	20 U	20 U
VANADIUM	7440-62-2	NS	3.1 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	NA	NA	NA	NA	3.1 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	NA	NA	5 U	NA
ZINC	7440-66-6	2,000 (GV)	17.3 J	38	35	10 U	46	22	131	72	23	64	50	NA	NA	21.1 J	10 U	10 U	10 U	10 U	10 U	66	66 U	10 U	17	10 U	10 U	10 U

Sample ID			MW-20																MW-20D													
Sampling Date			3/24/08	8/25/08	12/4/08	3/25/09	6/19/09	9/15/09	12/10/09	3/4/10	9/29/10	1/19/12**	5/8/13	6/11/14	11/11/15	3/24/08	8/25/08	12/4/08	3/25/09	6/19/09	9/15/09	12/10/09	3/4/10	9/29/10	1/19/12**	5/8/13	6/11/14	11/11/15
Metals	CAS #	AWQS/GV Values																														
ALUMINUM	7429-90-5	NS	141 J	3,090	2,060	2,190	501	1,490	3,840	2,100	516	NA	NA	320	NA	347	649	136	1,300	105	415	176	839	100 U	NA	NA	110 J	NA
ANTIMONY	7440-36-0	3	6.8 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	20 U	20 U	20 U	20 U	6.8 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	20 U	20 U	20 U	20 U
ARSENIC	7440-38-2	25	4.77 J	21	9 S	19	18	8	13	14	5 U	30	19	19	8.8 J	3.9 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	14	10 U	15 U	10 U
BARIUM	7440-39-3	1,000	64.2 J	240	319	378	373	376	299	248	153	NA	NA	170	NA	56 J	115	104	119	108	110	111	108	96	NA	NA	140	NA
BERYLLIUM	7440-41-7	3	0.3 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2 U	2 U	2 U	2 U	0.3 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	3.2	2 U	2 U	2 U
CADMIUM	7440-43-9	5	1.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	2 U	0.59 J	1.1 U	5 U	5 U	5	5 U	5 U	5 U	5 U	5 U	1.1	1 U	2 U	1 U
CALCIUM	7440-70-2	NS	168,000	460,000	635,000	560,000	396,000	362,000	563,000	370,000	202,000	NA	NA	315,000	NA	61,100	114,000	102,000	111,000	110,000	101,000	113,000	109,000	93,400	NA	NA	144,000	NA
CHROMIUM	7440-47-3	50	1.2 U	5 U	5 U	6	12	5 U	7	13	5 U	4.5	2.2 J	1.7 J	3.2 J	1.2 U	5 U	5 U	5 U	8	5 U	5 U	5 U	5 U	67	4 U	4 U	4 U
COBALT	7440-48-4	NS	2.4 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	NA	4 U	NA	2.4 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	NA	4 U	NA
COPPER	7440-50-8	200	12.9 J	29	10	9	9	5 U	18	14	8	5.8 JB	2.7 J	2.9 JB	10 U	2.1 J	5 U	5 U	8	5 U	5 U	5 U	10	5 U	210 B	1.6 J	2.5 JB	10 U
CYANIDE	57-12-5	200	11.2	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10	NA	NA	13	NA	22.4	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA	NA	10 U	NA
IRON	7439-89-6	300	37 U	3,660	2,350	3,350	655	2,560	5,720	3,550	911	NA	NA	150	NA	1,630	2,480	1,420	5,880	1,190	1,910	1,500	3,680	2,560	NA	NA	7,400	NA
LEAD	7439-92-1	25	4.6 U	5 U	9	5 U	5 U	5 U	18	22	5 U	9.2	4.8 J	6.1 J	23	4.6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	80	5 U	10 U	3.4 J
MAGNESIUM	7439-95-4	35,000 (GV)	3,950 J	5,510	1,760	4,150	2,980	3,530	3,260	3,410	7,850	NA	NA	3,100	NA	9,700	18,600	17,400	17,800	18,100	17,500	18,600	17,400	17,200	NA	NA	26,200	NA
MANGANESE	7439-96-5	300	14.4 J	71	38	44	20 U	47	75	65	112	NA	NA	8.4	NA	52.3	71	47	88	61	55	49	77	41	NA	NA	62	NA
MERCURY	7439-97-6	0.7	0.08 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.08 U	0.2 U	0.2 U	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA
NICKEL	7440-02-0	100	8.81 J	39	54	39	36	28	45	35	20 U	53	40	29	20	4.7 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	84	10 U	1.5 J	10 U
POTASSIUM	7440-09-7	NS	15,100	92,600	97,100	108,000	120,000	99,200	154,000	89,900	111,000	NA	NA	165,000	NA	2,000 J	5,560	4,910	5,710	5,210	4,310	5,280	4,630	4,270	NA	NA	4,000	NA
SELENIUM	7782-49-2	10	6.18 J	9	7 S	5 U	5 U	5 U	5 U	5 U	5 U	11 J	15 U	25 U	15 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	15 U	15 U	25 U	15 U
SILVER	7440-22-4	50	0.7 U	10 U	10 U S	10 U	10 U	10 U	10 U	10 U	10 U	3 U	3 U	6 U	3 U	0.7 U	10 U	10 U	10	10 U	10 U	10 U	10 U	10 U	3 U	3 U	6.0 U	3 U
SODIUM	7440-23-5	20,000	69,800	122,000	185,000	167,000	159,000	136,000	215,000	112,000	146,000	NA	NA	261,000	NA	32,000	35,400	47,000	41,900	38,700	38,200	61,000	34,400	37,300	NA	NA	53,600	NA
THALLIUM	7440-28-0	0.5 (GV)	8 U	69	26	15	18	69	76	10 U	36	20 U	20 U	20 U	20 U	8 U	10 U	10 U	10 U	10 U	17	10 U	10 U	10 U	20 U	20 U	20 U	20 U
VANADIUM	7440-62-2	NS	3.67 J	20 U	36	43	32	21	24	32	20 U	NA	NA	15	NA	3.1 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	NA	NA	5 U	NA
ZINC	7440-66-6	2,000 (GV)	10.9 J	20	23	20	10 U	16	135	38	10 U	12 B	8.8 J	2.0 J	9.8 J	11.8 J	10 U	10 U	12	10 U	10 U	102	13	10 U	220 B	2.4 J	10 U	2.9 J

Notes:
AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values
Units are micrograms per liter (µg/L)
NS - No Standard or Guidance Value
Detected concentrations and qualifiers shown in **bold** font. Shaded cell indicates exceedances of AWQS/GV.
U - Compound not detected at or above the instrument detection limit (IDL).
J - Estimated concentration above the IDL but less than the contract required detection limits (CRDL).
D - Results from a subsequent dilution of the original sample due to original sample results being outside the linear range.
S - LCS Spike Recovery outside accepted recovery limits
* - Duplicate sample with varying results given
** - Metals E 200.7 and Mercury E 245.1
NA - not analyzed
R - RPD outside accepted recovery limits
B - Compound was found in the blank and sample.
^ - Instrument related QC exceeds the control limits.

Appendix B
Historical Groundwater Analytical Summary (2008-2015)
34 Freeman's Bridge Road
Glenville, New York
Site No. 447028
Metals

Sample ID			MW-21												
Sampling Date			3/24/08	8/25/08	12/4/08	3/26/09	6/17/09	9/16/09	12/10/09	3/4/10	9/30/10	1/20/12**	5/9/13	6/11/14	11/10/15
Metals	CAS #	AWQS/GV Values													
ALUMINUM	7429-90-5	NS	441	3,310	2,410	347	NA	5,350	36,800	24,600	4,330	NA	NA	8,400	NA
ANTIMONY	7440-36-0	3	10.2 J	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	20 U	20 U	20 U	0.02 U
ARSENIC	7440-38-2	25	3.9 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	15	13	8.9 J	8.5 J
BARIUM	7440-39-3	1,000	67 J	153	286	110	109	160	389	285	166	NA	NA	150	NA
BERYLLIUM	7440-41-7	3	0.3 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1.1 J	1.1 J	0.65 J	2 U
CADMIUM	7440-43-9	5	1.1 U	5 U	5 U	5	5 U	5 U	5 U	5 U	5 U	0.46 J	1 U	2 U	1 U
CALCIUM	7440-70-2	NS	186,000	351,000	341,000	324,000	285,000	279,000	416,000	454,000	219,000	NA	NA	183,000	NA
CHROMIUM	7440-47-3	50	8.49 J	5 U	44	5 U	5 U	5 U	54	51	5	25	33	11	7.9
COBALT	7440-48-4	NS	6.67 J	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	NA	6.9	NA
COPPER	7440-50-8	200	1.7 U	5	44	5 U	5 U	10	77	62	12	36 B	30	16 B	7.8 J
CYANIDE	57-12-5	200	21.2	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA	NA	10 U	NA
IRON	7439-89-6	300	9,160	20,400	58,700	11,700	13,400	22,400	80,200	59,800	18,500	NA	NA	23,200	NA
LEAD	7439-92-1	25	4.6 U	5 U	58	5 U	5 U	8	58	51	5 U	29	22	19.0	15
MAGNESIUM	7439-95-4	35,000 (GV)	28,800	50,500	58,200	46,100	45,400	39,400	55,100	42,700	40,200	NA	NA	23,500	NA
MANGANESE	7439-96-5	300	6,730	10,300	11,700	12,200	9,730	8,220	14,100	8,450	7,710	NA	NA	7,200	NA
MERCURY	7439-97-6	0.7	0.08 U	0.2 U	0.2 U	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0 U	0 U	NA
NICKEL	7440-02-0	100	4.7 U	20 U	54	20 U	20 U	20 U	60	47	20 U	25	29	13	7.2 J
POTASSIUM	7440-09-7	NS	898 J	3,000	5,900	1,620	1,630	2,660	6,450	4,620	2,640	NA	NA	4,600	NA
SELENIUM	7782-49-2	10	5 U	5 U	5 U	5 U	5 U	5 U	5 U	13 J	15 U	25 U	15 U	5 U	5 U
SILVER	7440-22-4	50	0.7 U	10 U	10 U	10	10 U	10 U	10 U	10 U	10 U	3 U	3 U	6 U	3 U
SODIUM	7440-23-5	20,000	12,500	19,400	27,600	26,000	21,300	24,300	24,400	18,800	21,700	NA	NA	12,400	NA
THALLIUM	7440-28-0	0.5 (GV)	8 U	10 U	24	20	16	37	29	10 U	12	20 U	20 U	20 U	0.02 U
VANADIUM	7440-62-2	NS	5.96 J	20 U	77	20 U	20 U	20 U	53	64	20 U	NA	NA	20	NA
ZINC	7440-66-6	2,000 (GV)	20.8 J	21	178	11	317	35	346	169	23	78 B	85	42	24

Sample ID			MW-21D												
Sampling Date			3/24/08	8/25/08	12/4/08	3/26/09	6/17/09	9/16/09	12/10/09	3/4/10	9/30/10*	1/20/12**	5/9/13	6/11/14	11/10/15
Metals	CAS #	AWQS/GV Values													
ALUMINUM	7429-90-5	NS	45.8 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	NA	NA	200 U	NA
ANTIMONY	7440-36-0	3	6.8 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	13 J	20 U	20 U	20 U
ARSENIC	7440-38-2	25	3.9 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	130	10 U	15 U	10 U
BARIUM	7440-39-3	1,000	80.3 J	113	98	89	103	97	95	95	94/96	NA	NA	140	NA
BERYLLIUM	7440-41-7	3	0.3 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2 U	2 U	2 U	2.0 U
CADMIUM	7440-43-9	5	1.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	9.2	1 U	2 U	1 U
CALCIUM	7440-70-2	NS	82,200	114,000	98,300	94,700	101,000	102,000	107,000	101,000	92,400/94,700	NA	NA	133,000	NA
CHROMIUM	7440-47-3	50	1.2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2.5 J	4 U	4 U	4.0 U
COBALT	7440-48-4	NS	2.4 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	NA	4 U	NA
COPPER	7440-50-8	200	1.7 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2.9 JB	10 U	1.7 JB	10 U
CYANIDE	57-12-5	200	2.7	10 U	10 U	10	10 U	10 U	10 U	10 U	10 U	NA	NA	10 U	NA
IRON	7439-89-6	300	1,050	1,650	1,400	1,280	1,300	1,540	1,720	1,470	1,470/1,510	NA	NA	1,800	NA
LEAD	7439-92-1	25	4.6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	71	5 U	10 U	3.2 J
MAGNESIUM	7439-95-4	35,000 (GV)	13,900	19,400	17,100	16,000	18,100	18,100	19,000	16,800	18,000/18,400	NA	NA	24,500	NA
MANGANESE	7439-96-5	300	107	163	136	122	142	144	155	138	135/137	NA	NA	200	NA
MERCURY	7439-97-6	0.7	0.08 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA
NICKEL	7440-02-0	100	4.7 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	19	10 U	10 U	10 U
POTASSIUM	7440-09-7	NS	1,640 J	3,420	3,030	3,230	3,230	2,730	2,900	2,570	2,930/2,990	NA	NA	2,900	NA
SELENIUM	7782-49-2	10	5 U	5 U	5 U	5 U	5 U	5 U	5 U	95	15 U	25 U	15 U	5 U	5 U
SILVER	7440-22-4	50	0.7 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	3 U	3 U	6 U	3 U
SODIUM	7440-23-5	20,000	52,000	43,500	73,600	45,800	42,300	46,500	72,200	47,800	51,700/50,600	NA	NA	69,200	NA
THALLIUM	7440-28-0	0.5 (GV)	8 U	10 U	10 U	10 U	10 U	17	10 U	10 U	10 U	20 U	20 U	20 U	20 U
VANADIUM	7440-62-2	NS	3.1 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	NA	NA	5 U	NA
ZINC	7440-66-6	2,000 (GV)	9.18 J	10 U	10 U	10 U	10 U	10 U	113	10 U	10 U	4.2 JB	10 U	10 U	1.7 J

Sample ID			MW-23												
Sampling Date			3/27/08	8/25/08	12/3/08	3/25/09	6/17/09	9/15/09	12/9/09	3/3/10	9/29/10	1/18/12**	5/8/13	6/12/14	11/11/15
Metals	CAS #	AWQS/GV Values													
ALUMINUM	7429-90-5	NS	386	3,650	11,400	2,160	2,060	1,480	15,800	10,400	1,990	NA	NA	6,300 ^	NA
ANTIMONY	7440-36-0	3	6.8 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	40 U	20 U	20 U	20 U
ARSENIC	7440-38-2	25	3.9 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	67	10	6.6 J	7.5 J
BARIUM	7440-39-3	1,000	44.1 J	132	193	77	68	61	261	250	72	NA	NA	160	NA
BERYLLIUM	7440-41-7	3	0.3 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	6.0	2 U	2 U	0.56 J
CADMIUM	7440-43-9	5	1.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	3.4	0.53 J	2 U	0.71 J
CALCIUM	7440-70-2	NS	88,800	136,000	147,000	118,000	112,000	102,000	172,000	169,000	111,000	NA	NA	106,000	NA
CHROMIUM	7440-47-3	50	1.73 J	5 U	27	5 U	8	5 U	36	28	5 U	210	12	12	19
COBALT	7440-48-4	NS	2.4 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	NA	4.3	NA
COPPER	7440-50-8	200	1.7 U	8	22	5 U	5 U	5 U	47	33	5 U	220	14	13	18
CYANIDE	57-12-5	200	8.5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA	NA	10 U	NA
IRON	7439-89-6	300	3,890	18,000	45,900	12,100	8,240	7,260	47,300	40,100	8,080	NA	NA	17,800	NA
LEAD	7439-92-1	25	30.5	130	515	74	72	44	643	404	46	2,800	160	160	260
MAGNESIUM	7439-95-4	35,000 (GV)	13,800	23,100	27,200	18,700	18,800	17,600	28,500	24,600	20,000	NA	NA	17,200	NA
MANGANESE	7439-96-5	300	449	904	800	390	308	323	983	968	366	NA	NA	500	NA
MERCURY	7439-97-6	0.7	0.08 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0	0.2 U	0.2 U	NA
NICKEL	7440-02-0	100	4.7 U	20 U	26	20 U	20 U	20 U	30	25	20 U	180	11	10	14
POTASSIUM	7440-09-7	NS	1,630 J	4,540	5,110	2,970	2,170	1,700	8,690	7,930	2,710	NA	NA	6,500	NA
SELENIUM	7782-49-2	10	5 U	5 U	5 U	5 U	5 U	5 U	5 U	30.0 U	15 U	25 U	15 U	5 U	5 U
SILVER	7440-22-4	50	0.7 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	6 U	3 U	6 U	3 U
SODIUM	7440-23-5	20,000	30,900	33,900	34,100	36,900	32,100	33,000	21,500	24,900	41,400	NA	NA	16,800	NA
THALLIUM	7440-28-0	0.5 (GV)	8 U	10 U	10 U	10 U	10 U	17	19	10 U	10 U	40 U	20 U	20 U	20 U
VANADIUM	7440-62-2	NS	3.1 U	20 U	27	20 U	20 U	20 U	29	32	20 U	NA	NA	14	NA
ZINC	7440-66-6	2,000 (GV)	18.8 J	54	160	34	30	22	278	147	21	980	61	57	87

Sample ID			MW-23D												
Sampling Date			4/4/08	8/25/08	12/3/08	3/25/09	6/17/09	9/15/09	12/9/09	3/3/10	9/29/10	1/18/12**	5/8/13	6/12/14	11/11/15
Metals	CAS #	AWQS/GV Values													
ALUMINUM	7429-90-5	NS	1,400	544	252	182	108	138	126	216	100 U	NA	NA	240	NA
ANTIMONY	7440-36-0	3	6.8 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	20 U	20 U	20 U	20 U
ARSENIC	7440-38-2	25	3.9 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	10 U	15 U	10 U
BARIUM	7440-39-3	1,000	101 J	88	80	74	87	83	85	85	82	NA	NA	95	NA
BERYLLIUM	7440-41-7	3	0.3 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2 U	2 U	2 U	2 U
CADMIUM	7440-43-9	5	1.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	2 U	1 U
CALCIUM	7440-70-2	NS	123,000	110,000	100,000	102,000	109,000	97,900	109,000	106,000	97,100	NA	NA	122,000	NA
CHROMIUM	7440-47-3	50	2.67 J	5 U	5 U	5 U	5 U	5 U	5 U	6	5 U	2.6 J	4 U	4 U	4 U
COBALT	7440-48-4	NS	2.4 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	NA	4 U	NA
COPPER	7440-50-8	200	4.17 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2.2 J	10 U	1.7 J	10 U
CYANIDE	57-12-5	200	0.96 J	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA	NA	10 U	NA
IRON	7439-89-6	300	5,560	2,630	1,840	1,470	1,830	1,540	1,780	2,090	1,180	NA	NA	1,800	NA
LEAD	7439-92-1	25	4.96 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	3.0 J
MAGNESIUM	7439-95-4	35,000 (GV)	19,400	16,900	15,900	16,400	17,400	16,300	16,800	16,000	17,100	NA	NA	20,000	NA
MANGANESE	7439-96-5	300	226	159	129	121	144	128	138	143	126	NA	NA	160	NA
MERCURY	7439-97-6	0.7	0.02 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA
NICKEL	7440-02-0	100	4.7 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	1.5 J	10 U	10 U	10 U
POTASSIUM	7440-09-7	NS	15,300	2,890	2,530	3,390	2,820	2,170	2,690	2,430	2,790	NA	NA	2,400	NA
SELENIUM	7782-49-2	10	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	15 U	15 U	25 U	15
SILVER	7440-22-4	50	0.7 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	3 U	3 U	6 U	3 U
SODIUM	7440-23-5	20,000	80,200	36,300	48,200	50,800	39,000	41,400	57,700	40,500	54,200	NA	NA	63,100	NA
THALLIUM	7440-28-0	0.5 (GV)	8 U	10 U	10 U	10 U	10 U	12	10 U	10 U	10 U	20 U	20 U	20 U	20 U
VANADIUM	7440-62-2	NS	3.59 J	20 U	20 U	20 U	20 U	20 U	20 U	20 U	23	NA	NA	5 U	NA
ZINC	7440-66-6	2,000 (GV)	43.2 J	10 U	10 U	10 U	10 U	10 U	105	11	10 U	4.6 J	3.2 J	4.2 J	3.9 J

Notes:
AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values
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NS - No Standard or Guidance Value
Detected concentrations and qualifiers shown in **bold** font. Shaded cell indicates exceedances of AWQS/GV.
U - Compound not detected at or above the instrument detection limit (IDL).
J - Estimated concentration above the IDL but less than the contract required detection limits (CRDL).
D - Results from a subsequent dilution of the original sample due to original sample results being outside the linear range.
S - LCS Spike Recovery outside accepted recovery limits
* - Duplicate sample with varying results given
** - Metals E 200.7 and Mercury E 245.1
NA - not analyzed
R - RPD outside accepted recovery limits
B - Compound was found in the blank and sample.
^ - Instrument related QC exceeds the control limits.

Appendix B
Historical Groundwater Analytical Summary (2008-2015)
34 Freeman's Bridge Road
Glenville, New York
Site No. 447028
Metals

Sample ID			MW-30															MW-31												
Sampling Date			3/25/08	8/26/08	12/5/08	3/27/09	6/19/09	9/17/09	12/10/09	3/5/10	9/30/10	1/20/12**	5/9/13	6/11/14	11/11/15	3/25/08	8/26/08	12/4/08	3/25/09	6/19/09	9/17/09	12/10/09	3/5/10	9/30/10	1/20/12**	5/9/13	6/12/14	11/10/15
Metals	CAS #	AWQS/GV Values																												
ALUMINUM	7429-90-5	NS	**401**	**707**	**286**	**294**	**111**	100 U	100 U	**103**	100 U	NA	NA	**93** J	NA	**265**	**820**	**131**	**122**	**438**	100 U	100 U	**190**	100 U	NA	NA	200 U	NA
ANTIMONY	7440-36-0	3	6.8 U	60 U	60 U	60 U	60 U	60 U	**74**	60 U	60 U	20 U	20 U	20 U	20 U	6.8 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	20 U	20 U	20 U	20 U
ARSENIC	7440-38-2	25	**6.66** J	**9**	**5** S	5 U	5 U	5 U	5 U	5 U	5 U	10 U	10 U	15 U	10 U	3.9 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	10 U	15 U	10 U
BARIUM	7440-39-3	1,000	**132** J	**113**	**100**	**95**	**94**	**88**	**101**	**82**	**108**	NA	NA	**120**	NA	**41.7** J	**96**	**81**	**68**	**80**	**81**	**86**	**72**	**71**	NA	NA	**85**	NA
BERYLLIUM	7440-41-7	3	**0.31** J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2 U	2 U	2 U	2 U	**0.36** J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2 U	2 U	2 U	2 U
CADMIUM	7440-43-9	5	1.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**0.42** J	1 U	2 U	1 U	1.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	2 U	1 U
CALCIUM	7440-70-2	NS	**126,000**	**126,000**	**103,000**	**115,000**	**99,500**	**112,000**	**106,000**	**97,000**	**99,700**	NA	NA	**161,000**	NA	**115,000**	**183,000**	**179,000**	**169,000**	**184,000**	**166,000**	**190,000**	**174,000**	**162,000**	NA	NA	**204,000**	NA
CHROMIUM	7440-47-3	50	1.2 U	5 U	5 U	5 U	**14**	5 U	5 U	5 U	5 U	**4.7**	**1.1** J	4 U	4 U	1.2 U	5 U	5 U	5 U	**8**	5 U	5 U	5 U	5 U	**2.0** J	**1.3** J	4 U	4 U
COBALT	7440-48-4	NS	2.4 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	NA	4 U	NA	2.4 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	NA	**0.63** J	NA
COPPER	7440-50-8	200	1.7 U	5 U	5 U	**7**	5 U	5 U	5 U	5 U	5 U	**5.6** JB	10 U	**3.3** JB	10 U	**1.7** S	5 U	5 U	5 U	5 U	5 U	5 U	**7**	5 U	10.0 U	10 U	10 U	10 U
CYANIDE	57-12-5	200	**4.3**	10 U	**30**	10 U	10 U	10 U	10 U	10 U	10 U	NA	NA	10 U	NA	**8.4**	**20**	**20**	**60**	**20**	**20**	10 U	**20**	10 U	NA	NA	**14**	NA
IRON	7439-89-6	300	**6,430**	**5,410**	**5,510**	**3,570**	**2,660**	**2,410**	**3,450**	**2,340**	**3,850**	NA	NA	**4,100**	NA	**1,800** S	**6,050**	**3,160**	**4,060**	**2,890**	**3,000**	**1,970**	**2,020**	**2,830**	NA	NA	**3,200**	NA
LEAD	7439-92-1	25	4.6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**6.0**	5 U	10 U	5 U	4.6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	**3.0** J
MAGNESIUM	7439-95-4	35,000 (GV)	**20,900**	**16,500**	**16,900**	**15,500**	**16,600**	**17,500**	**17,200**	**14,500**	**19,700**	NA	NA	**26,700**	NA	**17,400**	**39,500**	**36,000**	**31,300**	**38,200**	**39,500**	**41,200**	**33,500**	**33,900**	NA	NA	**43,100**	NA
MANGANESE	7439-96-5	300	**626**	**792**	**678**	**733**	**767**	**755**	**668**	**704**	**744**	NA	NA	**990**	NA	**359**	**455**	**364**	**328**	**358**	**357**	**375**	**357**	**339**	NA	NA	**410**	NA
MERCURY	7439-97-6	0.7	0.08 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.08 U	**0.2**	**0.2**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA
NICKEL	7440-02-0	100	4.7 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	**5.8** J	**2.1** J	**2.9** J	10 U	4.7 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	**1.7** J	10 U	**1.3** J	10 U
POTASSIUM	7440-09-7	NS	**1,590** J	**7,060**	**3,750**	**4,730**	**2,910**	**3,650**	**4,430**	**2,630**	**3,110**	NA	NA	**5,200**	NA	**1,590** J	**5,750**	**4,960**	**3,490**	**4,060**	**4,140**	**5,400**	**4,030**	**4,610**	NA	NA	**3,300**	NA
SELENIUM	7782-49-2	10	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	15 U	15 U	25 U	15 U	**5** S	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	15 U	15 U	25 U	15 U
SILVER	7440-22-4	50	0.7 U	10 U	**10** S	10 U	10 U	10 U	10 U	10 U	10 U	3 U	3 U	6.0 U	3 U	**0.7** S	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	3 U	3 U	6 U	3.0 U
SODIUM	7440-23-5	20,000	**124,000**	**135,000**	**159,000**	**240,000**	**70,400**	**190,000**	**175,000**	**149,000**	**13,400**	NA	NA	**127,000**	NA	**29,300**	**45,300**	**68,700**	**43,300**	**45,700**	**109,000**	**83,800**	**48,300**	**56,400**	NA	NA	**80,900**	NA
THALLIUM	7440-28-0	0.5 (GV)	8 U	10 U	10 U	10 U	10 U	**16**	**16**	10 U	10 U	20 U	20 U	20 U	20 U	8 U	10 U	10 U	10 U	10 U	**54**	**31**	10 U	10 U	20 U	20 U	20 U	20 U
VANADIUM	7440-62-2	NS	3.1 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	NA	NA	5 U	NA	3.1 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	NA	NA	5 U	NA
ZINC	7440-66-6	2,000 (GV)	**19.5** J	**11**	**12**	10 U	10 U	10 U	**68**	10 U	10 U	**16** B	**3.1** J	10 U	10 U	**8.35** J	10 U	10 U	10 U	10 U	10 U	**81**	10 U	10 U	**3.6** JB	10 U	10 U	10 U

Sample ID			MW-32													MW-33											
Sampling Date			3/27/08	8/26/08	12/5/08	3/26/09	6/19/09	9/17/09	12/8/09	3/4/10	9/30/10	1/20/12**	5/10/13	6/12/14	11/11/15	3/26/08	8/26/08	12/5/08	3/26/09	6/17/09	9/17/09	12/8/09	3/4/10	9/29/10	1/19/12**	5/10/13	6/12/14	11/12/15
Metals	CAS #	AWQS/GV Values																									
ALUMINUM	7429-90-5	NS	**1,590**	**2,730**	**13,700**	**150**	**1,630**	**453**	**772**	**374**	**540**	NA	NA	**590**	NA	45.8 U	**1,780**	**812**	**439**	**765**	**2,310**	**630**	**1,180**	**1,090**	NA	NA	**650**	NA
ANTIMONY	7440-36-0	3	6.8 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	20 U	20 U	6.8 U	20 U	**15.1** J	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	**8.8** J	20 U	20 U	20 U
ARSENIC	7440-38-2	25	3.9 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	10 U	5.6 U	10 U	3.9 U	**18**	**5** S	**8**	**9**	**11**	5 U	**13**	5 U	**45**	**7.4** J	**14** J	**7.2** J
BARIUM	7440-39-3	1,000	**89.2** J	**142**	**214**	**102**	**126**	**110**	**117**	**109**	**104**	NA	NA	**97**	NA	**39.8** J	**98**	**81**	**54**	**54**	**66**	**60**	**56**	**52**	NA	NA	**44**	NA
BERYLLIUM	7440-41-7	3	**0.41** J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2 U	2 U	0.3 U	2 U	0.3 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**0.51** J	2 U	2 U	2 U
CADMIUM	7440-43-9	5	1.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1.1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**0.99** J	1 U	2 U	1 U
CALCIUM	7440-70-2	NS	**99,200**	**156,000**	**217,000**	**145,000**	**154,000**	**126,000**	**143,000**	**135,000**	**119,000**	NA	NA	**141,000**	NA	**128,000**	**415,000**	**596,000**	**717,000**	**527,000**	**590,000**	**825,000**	**504,000**	**230,000**	NA	NA	**698,000**	NA
CHROMIUM	7440-47-3	50	**4.85** J	5 U	**16**	5 U	**15**	5 U	5 U	5 U	5 U	**3.3** J	4 U	1 U	4 U	**4.94** J	5 U	5 U	5 U	5 U	5 U	5 U	**6**	5 U	**30**	4 U	**1.2** J	**1.5** J
COBALT	7440-48-4	NS	**3.3** J	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	NA	**0.75** J	NA	**5.84** J	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	NA	**0.94** J	NA
COPPER	7440-50-8	200	**1.97** J	5 U	**29**	5 U	**9**	5 U	5 U	**9**	5 U	**4.4** JB	10 U	1.6 U	10 U	1.7 U	**8**	**5** S	**8**	5 U	**12**	**5**	**12**	5 U	**44** B	**2.0** J	**2.3** J	**1.7** J
CYANIDE	57-12-5	200	**79.9**	**190**	10 U	**21**	**200**	**190**	**190**	**120**	**130**	NA	NA	**140**	NA	**3.7**	**20**	**20**	**20**	**20**	**20**	**20**	**20**	10 U	NA	NA	**13**	NA
IRON	7439-89-6	300	**7,900**	**14,800**	**39,700**	**10,800**	**11,500**	**10,400**	**10,300**	**8,170**	**10,100**	NA	NA	**11,600**	NA	**2,480**	**6,190**	**3,000** S	**1,780**	**3,090**	**8,530**	**2,620**	**4,000**	**3,940**	NA	NA	**1,800**	NA
LEAD	7439-92-1	25	**5.73** J	5 U	**44**	5 U	**8**	5 U	5 U	5 U	5 U	**3.5** J	5 U	3 U	**6.0**	4.6 U	**7**	5 U	5 U	5 U	**25**	5 U	**9**	**15**	**120**	5 U	**9.3** J	**9.1**
MAGNESIUM	7439-95-4	35,000 (GV)	**17,800**	**29,100**	**39,000**	**24,900**	**27,700**	**27,300**	**25,600**	**24,300**	**25,000**	NA	NA	**25,300**	NA	**12,800**	**20,700**	**22,800**	**21,200**	**22,100**	**21,800**	**19,400**	**17,200**	**22,000**	NA	NA	**20,100**	NA
MANGANESE	7439-96-5	300	**714**	**1,530**	**1,830**	**1,410**	**1,560**	**1,490**	**1,450**	**1,290**	**1,220**	NA	NA	**1,800**	NA	**232**	**413**	**298**	**162**	**307**	**366**	**274**	**238**	**459**	NA	NA	**340**	NA
MERCURY	7439-97-6	0.7	0.08 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0 U	0.12 U	NA	0.08 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA
NICKEL	7440-02-0	100	4.7 U	20 U	**35**	20 U	20 U	20 U	20 U	20 U	20 U	**3.1** J	**2.0** J	**1.5** J	10 U	4.7 U	**20**	20 U	20 U	20 U	20 U	20 U	20 U	20 U	**31**	**3.9** J	**6** J	**2.6** J
POTASSIUM	7440-09-7	NS	**1,520** J	**2,880**	**7,620**	**7,610**	**4,580**	**6,330**	**8,310**	**5,750**	**2,120**	NA	NA	**6,400**	NA	**4,780** J	**33,600**	**33,400**	**33,100**	**29,200**	**29,500**	**35,300**	**23,500**	**13,700**	NA	NA	**29,900**	NA
SELENIUM	7782-49-2	10	5 U	5 U	5 U	5 U	5 U	5 U	5 U	15.0 U	15 U	8.7 U	15 U	25 U	15 U	5 U	5 U	5 S	5 U	5 U	5 U	5 U	5 U	5 U	15 U	15 U	25 U	15 U
SILVER	7440-22-4	50	0.7 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	3 U	3 U	1.7 U	3 U	0.7 U	10 U	**10** S	10 U	10 U	10 U	10 U	10 U	10 U	3 U	3 U	6 U	3 U
SODIUM	7440-23-5	20,000	**13,900**	**19,400**	**29,500**	**20,200**	**18,200**	**27,600**	**26,100**	**22,100**	**31,000**	NA	NA	**22,800**	NA	**130,000**	**166,000**	**214,000**	**188,000**	**184,000**	**424,000**	**248,000**	**141,000**	**168,000**	NA	NA	**141,000**	NA
THALLIUM	7440-28-0	0.5 (GV)	8 U	**10**	**10**	10 U	10 U	**39**	**15**	10 U	10 U	20 U	20 U	10 U	20 U	8 U	10 U	10 U	10 U	10 U	**57**	**17**	10 U	**21**	20 U	20 U	20 U	20 U
VANADIUM	7440-62-2	NS	**3.4** J	20 U	**43**	20 U	20 U	20 U	20 U	20 U	20 U	NA	NA	1.5 U	NA	3.1 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	NA	NA	**5.4**	NA
ZINC	7440-66-6	2,000 (GV)	**21.1** J	**20**	**131**	10 U	**22**	10 U	**15**	**11**	10 U	**8.8** JB	**7.6** J	**5.1** J	**8.2** J	**14.2** J	**26**	**22**	10 U	**11**	**31**	10 U	**25**	**16**	**120** B	**1.5** J	**10**	**6.9** JB

Notes:
AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values
Units are micrograms per liter (µg/L)
NS - No Standard or Guidance Value
Detected concentrations and qualifiers shown in **bold** font. Shaded cell indicates exceedances of AWQS/GV.
U - Compound not detected at or above the instrument detection limit (IDL).
J - Estimated concentration above the IDL but less than the contract required detection limits (CRDL).
D - Results from a subsequent dilution of the original sample due to original sample results being outside the linear range.
S - LCS Spike Recovery outside accepted recovery limits
* - Duplicate sample with varying results given
** - Metals E 200.7 and Mercury E 245.1
NA - not analyzed
R - RPD outside accepted recovery limits
B - Compound was found in the blank and sample.
^ - Instrument related QC exceeds the control limits.

Historical Groundwater Analytical Summary – Polychlorinated Biphenyls

Appendix B
Historical Groundwater Analytical Summary (2008-2015)
34 Freeman's Bridge Road
Glenville, New York
Site No. 447028
Polychlorinated Biphenyls

Sample ID			MW-11														MW-11D													
Sampling Date			**3/27/08**		**8/26/08**		**6/18/09**		**9/28/10**		**1/17/12**		**5/8/13**		**6/11/14**		**11/10/15**		**3/27/08**		**8/26/08**		**6/18/09**		**9/28/10**		**1/17/12**		**5/8/13**		**6/11/14**		**11/10/15**	
PCBs	CAS #	AWQS/GV Values																														
AROCLOR 1016	12674-11-2	NS	0.5	U	0.065	U	0.065	U	0.065	U	0.47	U	0.51	U	0.48	U	0.49	U	0.5	U	0.065	U	0.065	U	0.064	U	0.48	U	0.48	U	0.48	U	0.48	U
AROCLOR 1221	11104-28-2	NS	0.5	U	0.065	U	0.065	U	0.065	U	0.47	U	0.51	U	0.48	U	0.49	U	0.5	U	0.065	U	0.065	U	0.064	U	0.48	U	0.48	U	0.48	U	0.48	U
AROCLOR 1232	11141-16-5	NS	0.5	U	0.065	U	0.065	U	0.065	U	0.47	U	0.51	U	0.48	U	0.49	U	0.5	U	0.065	U	0.065	U	0.064	U	0.48	U	0.48	U	0.48	U	0.48	U
AROCLOR 1242	53469-21-9	NS	0.5	U	0.065	U	0.065	U	0.065	U	0.47	U	0.51	U	0.48	U	0.49	U	0.5	U	0.065	U	0.065	U	0.064	U	0.48	U	0.48	U	0.48	U	0.48	U
AROCLOR 1248	12672-29-6	NS	0.5	U	0.065	U	0.065	U	0.065	U	0.47	U	0.51	U	0.48	U	0.49	U	0.5	U	0.065	U	0.065	U	0.064	U	0.48	U	0.48	U	0.48	U	0.48	U
AROCLOR 1254	11097-69-1	NS	0.5	U	0.065	U	0.065	U	0.065	U	0.47	U	0.51	U	0.48	U	0.49	U	0.5	U	0.065	U	0.065	U	0.064	U	0.48	U	0.48	U	0.48	U	0.48	U
AROCLOR 1260	11096-82-5	NS	0.5	U	0.065	U	0.065	U	0.065	U	0.47	U	0.51	U	0.48	U	0.49	U	0.5	U	0.065	U	0.065	U	0.064	U	0.48	U	0.48	U	0.48	U	0.48	U
AROCLOR 1262	37324-23-5	NS	0.5	U	0.065	U	0.065	U	NA		NA		NA		NA		NA		0.5	U	0.065	U	0.065	U	NA		NA		NA		NA		NA	
AROCLOR 1268	11100-14-4	NS	0.5	U	0.065	U	0.065	U	NA		NA		NA		NA		NA		0.5	U	0.065	U	0.065	U	NA		NA		NA		NA		NA	
Total Aroclor		0.09	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	

Sample ID			MW-12														MW-15													
Sampling Date			**3/24/08**		**8/26/08**		**6/18/09**		**9/30/10**		**1/19/12**		**5/9/13**		**6/12/14**		**11/12/15**		**3/26/08**		**8/26/08**		**6/19/09**		**9/30/10**		**1/17/12**		**5/9/13**		**6/13/14**		**11/12/15**	
PCBs	CAS #	AWQS/GV Values																														
AROCLOR 1016	12674-11-2	NS	0.53	U	0.066	U	0.065	U	0.066	U	0.52	U	0.54	U	0.51	U	0.49	U	0.5	U	0.068	U	0.065	U	0.065	U	0.5	U	0.52	U	0.46	U	0.53	U
AROCLOR 1221	11104-28-2	NS	0.53	U	0.066	U	0.065	U	0.066	U	0.52	U	0.54	U	0.51	U	0.49	U	0.5	U	0.068	U	0.065	U	0.065	U	0.5	U	0.52	U	0.46	U	0.53	U
AROCLOR 1232	11141-16-5	NS	0.53	U	0.066	U	0.065	U	0.066	U	0.52	U	0.54	U	0.51	U	0.49	U	0.5	U	0.068	U	0.065	U	0.065	U	0.5	U	0.52	U	0.46	U	0.53	U
AROCLOR 1242	53469-21-9	NS	0.53	U	0.066	U	0.065	U	0.066	U	0.52	U	0.54	U	0.51	U	0.49	U	0.5	U	0.068	U	0.065	U	0.065	U	0.5	U	0.52	U	0.46	U	0.53	U
AROCLOR 1248	12672-29-6	NS	0.53	U	0.066	U	0.065	U	0.066	U	0.52	U	0.54	U	0.51	U	0.49	U	0.5	U	0.068	U	0.065	U	0.065	U	**0.25**	**J**	**0.50**	**J**	**5.5**		0.53	U
AROCLOR 1254	11097-69-1	NS	0.53	U	0.066	U	0.065	U	0.066	U	0.52	U	0.54	U	0.51	U	0.49	U	0.5	U	0.068	U	0.065	U	0.065	U	0.5	U	0.52	U	**3.7**		0.53	U
AROCLOR 1260	11096-82-5	NS	0.53	U	0.066	U	0.065	U	0.066	U	0.52	U	0.54	U	0.51	U	0.49	U	0.5	U	0.068	U	0.065	U	0.065	U	0.5	U	0.52	U	**2.3**		0.53	U
AROCLOR 1262	37324-23-5	NS	0.53	U	0.066	U	0.065	U	NA		NA		NA		NA		NA		0.5	U	0.068	U	0.065	U	NA		NA		NA		NA		NA	
AROCLOR 1268	11100-14-4	NS	0.53	U	0.066	U	0.065	U	NA		NA		NA		NA		NA		0.5	U	0.068	U	0.065	U	NA		NA		NA		NA		NA	
Total Aroclor		0.09	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		**0.25**		**0.50**		**11.5**		ND	

Notes:
AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values
Units are micrograms per liter (µg/L)
U - The compound was not detected at the indicated concentration.
NA - Not analyzed
Detected concentrations shown in **bold** font. Shaded cell indicates exceedances of AWQS/GV.
NS - No Standard
ND - No analytes detected above MDL

Appendix B
Historical Groundwater Analytical Summary (2008-2015)
34 Freeman's Bridge Road
Glenville, New York
Site No. 447028
Polychlorinated Biphenyls

Sample ID			MW-15D														MW-16													
Sampling Date			**3/26/08**		**8/26/08**		**6/19/09**		**9/30/10**		**1/17/12**		**5/9/13**		**6/13/14**		**11/12/15**		**3/25/08**		**8/26/08**		**6/17/09**		**9/28/10**		**1/18/12**		**5/8/13**		**6/11/14**		**11/11/15**	
PCBs	CAS #	AWQS/GV Values																														
AROCLOR 1016	12674-11-2	NS	0.5	U	0.065	U	0.065	U	0.066	U	0.49	U	0.54	U	0.47	U	0.50	U	0.5	U	0.068	U	0.065	U	0.064	U	0.49	U	0.48	U	0.48	U	0.48	U
AROCLOR 1221	11104-28-2	NS	0.5	U	0.065	U	0.065	U	0.066	U	0.49	U	0.54	U	0.47	U	0.50	U	0.5	U	0.068	U	0.065	U	0.064	U	0.49	U	0.48	U	0.48	U	0.48	U
AROCLOR 1232	11141-16-5	NS	0.5	U	0.065	U	0.065	U	0.066	U	0.49	U	0.54	U	0.47	U	0.50	U	0.5	U	0.068	U	0.065	U	0.064	U	0.49	U	0.48	U	0.48	U	**0.27**	**J**
AROCLOR 1242	53469-21-9	NS	0.5	U	0.065	U	0.065	U	0.066	U	0.49	U	0.54	U	0.47	U	0.50	U	0.5	U	0.068	U	0.065	U	0.064	U	0.49	U	0.48	U	0.48	U	0.48	U
AROCLOR 1248	12672-29-6	NS	0.5	U	0.065	U	0.065	U	0.066	U	0.49	U	0.54	U	**6.1**		0.50	U	0.5	U	0.068	U	0.065	U	0.064	U	0.49	U	0.48	U	0.48	U	0.48	U
AROCLOR 1254	11097-69-1	NS	0.5	U	0.065	U	0.065	U	0.066	U	0.49	U	0.54	U	**5.8**		0.50	U	0.5	U	0.068	U	0.065	U	**0.21**		0.49	U	0.48	U	0.48	U	0.48	U
AROCLOR 1260	11096-82-5	NS	0.5	U	0.065	U	0.065	U	0.066	U	0.49	U	0.54	U	**2.8**		0.50	U	0.5	U	0.068	U	0.065	U	**0.097**		0.49	U	0.48	U	0.48	U	0.48	U
AROCLOR 1262	37324-23-5	NS	0.5	U	0.065	U	0.065	U	NA		NA		NA		NA		NA		0.5	U	0.068	U	0.065	U	NA		NA		NA		NA		NA	
AROCLOR 1268	11100-14-4	NS	0.5	U	0.065	U	0.065	U	NA		NA		NA		NA		NA		0.5	U	0.068	U	0.065	U	NA		NA		NA		NA		NA	
Total Aroclor		0.09	ND		ND		ND		ND		ND		ND		**14.7**		ND		ND		ND		ND		**0.307**		ND		ND		**0.27**	

Sample ID			MW-16D														MW-18													
Sampling Date			**3/25/08**		**8/26/08**		**6/17/09**		**9/28/10**		**1/18/12**		**5/8/13**		**6/11/14**		**11/11/15**		**3/26/08**		**8/26/08**		**6/18/09**		**10/1/10**		**1/19/12**		**5/10/13**		**6/12/14**		**11/12/15**	
PCBs	CAS #	AWQS/GV Values																														
AROCLOR 1016	12674-11-2	NS	0.5	U	0.066	U	0.065	U	0.066	U	0.49	U	0.47	U	0.51	U	0.49	U	0.5	U	0.065	U	0.065	U	0.066	U	0.52	U	0.53	U	0.51	U	NA	
AROCLOR 1221	11104-28-2	NS	0.5	U	0.066	U	0.065	U	0.066	U	0.49	U	0.47	U	0.51	U	0.49	U	0.5	U	0.065	U	0.065	U	0.066	U	0.52	U	0.53	U	0.51	U	NA	
AROCLOR 1232	11141-16-5	NS	0.5	U	0.066	U	0.065	U	0.066	U	0.49	U	0.47	U	0.51	U	0.49	U	0.5	U	0.065	U	0.065	U	0.066	U	0.52	U	0.53	U	0.51	U	NA	
AROCLOR 1242	53469-21-9	NS	0.5	U	0.066	U	0.065	U	0.066	U	0.49	U	0.47	U	0.51	U	0.49	U	0.5	U	0.065	U	0.065	U	0.066	U	0.52	U	0.53	U	0.51	U	NA	
AROCLOR 1248	12672-29-6	NS	0.5	U	0.066	U	0.065	U	0.066	U	0.49	U	0.47	U	0.51	U	0.49	U	0.5	U	0.065	U	0.065	U	0.066	U	0.52	U	0.53	U	0.51	U	NA	
AROCLOR 1254	11097-69-1	NS	0.5	U	0.066	U	0.065	U	0.066	U	0.49	U	0.47	U	0.51	U	0.49	U	0.5	U	0.065	U	0.065	U	0.066	U	0.52	U	0.53	U	0.51	U	NA	
AROCLOR 1260	11096-82-5	NS	0.5	U	0.066	U	0.065	U	0.066	U	0.49	U	0.47	U	0.51	U	0.49	U	0.5	U	0.065	U	0.065	U	0.066	U	0.52	U	0.53	U	0.51	U	NA	
AROCLOR 1262	37324-23-5	NS	0.5	U	0.066	U	0.065	U	NA		NA		NA		NA		NA		0.5	U	0.065	U	0.065	U	NA		NA		NA		NA		NA	
AROCLOR 1268	11100-14-4	NS	0.5	U	0.066	U	0.065	U	NA		NA		NA		NA		NA		0.5	U	0.065	U	0.065	U	NA		NA		NA		NA		NA	
Total Aroclor		0.09	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		NA	

Notes:
AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values
Units are micrograms per liter (µg/L)
U - The compound was not detected at the indicated concentration.
NA - Not analyzed
Detected concentrations shown in **bold** font. Shaded cell indicates exceedances of AWQS/GV.
NS - No Standard
ND - No analytes detected above MDL

Appendix B
Historical Groundwater Analytical Summary (2008-2015)
34 Freeman's Bridge Road
Glenville, New York
Site No. 447028
Polychlorinated Biphenyls

Sample ID			MW-19														MW-19D													
Sampling Date			**3/26/08**		**8/25/08**		**6/18/09**		**9/28/10**		**1/18/12**		**5/9/13**		**6/10/14**		**11/12/15**		**3/26/08**		**8/25/08**		**6/18/09**		**9/28/10**		**1/18/12**		**5/9/13**		**6/13/14**		**11/12/15**	
PCBs	CAS #	AWQS/GV Values																														
AROCLOR 1016	12674-11-2	NS	0.5	U	0.066	U	0.065	U	0.064	U	0.5	U	0.59	U	NA		NA		0.5	U	0.068	U	0.065	U	0.066	U	0.51	U	0.47	U	0.54	U	0.51	U
AROCLOR 1221	11104-28-2	NS	0.5	U	0.066	U	0.065	U	0.064	U	0.5	U	0.59	U	NA		NA		0.5	U	0.068	U	0.065	U	0.066	U	0.51	U	0.47	U	0.54	U	0.51	U
AROCLOR 1232	11141-16-5	NS	0.5	U	0.066	U	0.065	U	0.064	U	0.5	U	0.59	U	NA		NA		0.5	U	0.068	U	0.065	U	0.066	U	0.51	U	0.47	U	0.54	U	0.51	U
AROCLOR 1242	53469-21-9	NS	0.5	U	0.066	U	0.065	U	0.064	U	0.5	U	0.59	U	NA		NA		0.5	U	0.068	U	0.065	U	0.066	U	0.51	U	0.47	U	0.54	U	0.51	U
AROCLOR 1248	12672-29-6	NS	0.5	U	0.066	U	0.065	U	0.064	U	0.5	U	0.59	U	NA		NA		0.5	U	0.068	U	0.065	U	0.066	U	0.51	U	0.47	U	0.54	U	0.51	U
AROCLOR 1254	11097-69-1	NS	0.5	U	0.066	U	0.065	U	0.064	U	0.5	U	0.59	U	NA		NA		0.5	U	0.068	U	0.065	U	0.066	U	0.51	U	0.47	U	0.54	U	0.51	U
AROCLOR 1260	11096-82-5	NS	0.5	U	0.066	U	0.065	U	0.064	U	0.5	U	0.59	U	NA		NA		0.5	U	0.068	U	0.065	U	0.066	U	0.51	U	0.47	U	0.54	U	0.51	U
AROCLOR 1262	37324-23-5	NS	0.5	U	0.066	U	0.065	U	NA		NA		NA		NA		NA		0.5	U	0.068	U	0.065	U	NA		NA		NA		NA		NA	
AROCLOR 1268	11100-14-4	NS	0.5	U	0.066	U	0.065	U	NA		NA		NA		NA		NA		0.5	U	0.068	U	0.065	U	NA		NA		NA		NA		NA	
Total Aroclor		0.09	ND		ND		ND		ND		ND		ND		NA		NA		ND		ND		ND		ND		ND		ND		ND	

Sample ID			MW-20														MW-20D													
Sampling Date			**3/24/08**		**8/25/08**		**6/19/09**		**9/29/10**		**1/19/12**		**5/8/13**		**6/11/14**		**11/11/15**		**3/24/08**		**8/25/08**		**6/19/09**		**9/29/10**		**1/19/12**		**5/8/13**		**6/11/14**		**11/11/15**	
PCBs	CAS #	AWQS/GV Values																														
AROCLOR 1016	12674-11-2	NS	0.5	U	0.069	U	0.065	U	0.065	U	0.56	U	0.57	U	0.46	U	0.47	U	0.5	U	0.068	U	0.065	U	0.065	U	0.49	U	0.55	U	0.48	U	0.48	U
AROCLOR 1221	11104-28-2	NS	0.5	U	0.069	U	0.065	U	0.065	U	0.56	U	0.57	U	0.46	U	0.47	U	0.5	U	0.068	U	0.065	U	0.065	U	0.49	U	0.55	U	0.48	U	0.48	U
AROCLOR 1232	11141-16-5	NS	0.5	U	0.069	U	0.065	U	0.065	U	0.56	U	0.57	U	0.46	U	0.47	U	0.5	U	0.068	U	0.065	U	0.065	U	0.49	U	0.55	U	0.48	U	0.48	U
AROCLOR 1242	53469-21-9	NS	0.5	U	0.069	U	0.065	U	0.065	U	0.56	U	0.57	U	0.46	U	0.47	U	0.5	U	0.068	U	0.065	U	0.065	U	0.49	U	0.55	U	0.48	U	0.48	U
AROCLOR 1248	12672-29-6	NS	0.5	U	0.069	U	0.065	U	0.065	U	0.56	U	0.57	U	0.46	U	0.47	U	0.5	U	0.068	U	0.065	U	0.065	U	0.49	U	0.55	U	0.48	U	0.48	U
AROCLOR 1254	11097-69-1	NS	0.5	U	0.069	U	0.065	U	0.065	U	0.56	U	0.57	U	0.46	U	0.47	U	0.5	U	0.068	U	0.065	U	0.065	U	0.49	U	0.55	U	0.48	U	0.48	U
AROCLOR 1260	11096-82-5	NS	0.5	U	0.069	U	0.065	U	0.065	U	0.56	U	0.57	U	0.46	U	0.47	U	0.5	U	0.068	U	0.065	U	0.065	U	0.49	U	0.55	U	0.48	U	0.48	U
AROCLOR 1262	37324-23-5	NS	0.5	U	0.069	U	0.065	U	NA		NA		NA		NA		NA		0.5	U	0.068	U	0.065	U	NA		NA		NA		NA		NA	
AROCLOR 1268	11100-14-4	NS	0.5	U	0.069	U	0.065	U	NA		NA		NA		NA		NA		0.5	U	0.068	U	0.065	U	NA		NA		NA		NA		NA	
Total Aroclor		0.09	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	

Notes:
AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values
Units are micrograms per liter (µg/L)
U - The compound was not detected at the indicated concentration.
NA - Not analyzed
Detected concentrations shown in **bold** font. Shaded cell indicates exceedances of AWQS/GV.
NS - No Standard
ND - No analytes detected above MDL

Appendix B
Historical Groundwater Analytical Summary (2008-2015)
34 Freeman's Bridge Road
Glenville, New York
Site No. 447028
Polychlorinated Biphenyls

Sample ID			MW-21														MW-21D													
Sampling Date			**3/24/08**		**8/25/08**		**6/17/09**		**9/30/10**		**1/20/12**		**5/9/13**		**6/11/14**		**11/10/15**		**3/24/08**		**8/25/08**		**6/17/09**		**9/30/10***		**1/20/12**		**5/9/13**		**6/11/14**		**11/10/15**	
PCBs	CAS #	AWQS/GV Values																														
AROCLOR 1016	12674-11-2	NS	0.56	U	0.067	U	0.065	U	0.065	U	0.49	U	0.49	U	0.49	U	0.49	U	0.5	U	0.066	U	0.065	U	0.065	U	0.5	U	0.52	U	0.50	U	0.46	U
AROCLOR 1221	11104-28-2	NS	0.56	U	0.067	U	0.065	U	0.065	U	0.49	U	0.49	U	0.49	U	0.49	U	0.5	U	0.066	U	0.065	U	0.065	U	0.5	U	0.52	U	0.50	U	0.46	U
AROCLOR 1232	11141-16-5	NS	0.56	U	0.067	U	0.065	U	0.065	U	0.49	U	0.49	U	0.49	U	0.49	U	0.5	U	0.066	U	0.065	U	0.065	U	0.5	U	0.52	U	0.50	U	0.46	U
AROCLOR 1242	53469-21-9	NS	0.56	U	0.067	U	0.065	U	0.065	U	0.49	U	0.49	U	0.49	U	0.49	U	0.5	U	0.066	U	0.065	U	0.065	U	0.5	U	0.52	U	0.50	U	0.46	U
AROCLOR 1248	12672-29-6	NS	0.56	U	0.067	U	0.065	U	0.065	U	0.49	U	0.49	U	0.49	U	0.49	U	0.5	U	0.066	U	0.065	U	0.065	U	0.5	U	0.52	U	0.50	U	0.46	U
AROCLOR 1254	11097-69-1	NS	0.56	U	0.067	U	0.065	U	0.065	U	0.49	U	0.49	U	0.49	U	0.49	U	0.5	U	0.066	U	0.065	U	0.065	U	0.5	U	0.52	U	0.50	U	0.46	U
AROCLOR 1260	11096-82-5	NS	0.56	U	0.067	U	0.065	U	0.065	U	0.49	U	0.49	U	0.49	U	0.49	U	0.5	U	0.066	U	0.065	U	0.065	U	0.5	U	0.52	U	0.50	U	0.46	U
AROCLOR 1262	37324-23-5	NS	0.56	U	0.067	U	0.065	U	NA		NA		NA		NA		NA		0.5	U	0.066	U	0.065	U	NA		NA		NA		NA		NA	
AROCLOR 1268	11100-14-4	NS	0.56	U	0.067	U	0.065	U	NA		NA		NA		NA		NA		0.5	U	0.066	U	0.065	U	NA		NA		NA		NA		NA	
Total Aroclor		0.09	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	

Sample ID			MW-23														MW-23D													
Sampling Date			**3/27/08**		**8/25/08**		**6/17/09**		**9/29/10**		**1/18/12**		**5/8/13**		**6/12/14**		**11/11/15**		**4/4/08**		**8/25/08**		**6/17/09**		**9/29/10**		**1/18/12**		**5/8/13**		**6/12/14**		**11/11/15**	
PCBs	CAS #	AWQS/GV Values																														
AROCLOR 1016	12674-11-2	NS	0.5	U	0.068	U	0.065	U	0.065	U	0.47	U	0.48	U	0.50	U	0.47	U	0.5	U	0.066	U	0.065	U	0.065	U	0.5	U	0.49	U	0.51	U	0.48	U
AROCLOR 1221	11104-28-2	NS	0.5	U	0.068	U	0.065	U	0.065	U	0.47	U	0.48	U	0.50	U	0.47	U	0.5	U	0.066	U	0.065	U	0.065	U	0.5	U	0.49	U	0.51	U	0.48	U
AROCLOR 1232	11141-16-5	NS	0.5	U	0.068	U	0.065	U	0.065	U	0.47	U	0.48	U	0.50	U	0.47	U	0.5	U	0.066	U	0.065	U	0.065	U	0.5	U	0.49	U	0.51	U	0.48	U
AROCLOR 1242	53469-21-9	NS	0.5	U	0.068	U	0.065	U	0.065	U	0.47	U	0.48	U	0.50	U	0.47	U	0.5	U	0.066	U	0.065	U	0.065	U	0.5	U	0.49	U	0.51	U	0.48	U
AROCLOR 1248	12672-29-6	NS	0.5	U	0.068	U	0.065	U	0.065	U	0.47	U	0.48	U	0.50	U	0.47	U	0.5	U	0.066	U	0.065	U	0.065	U	0.5	U	0.49	U	0.51	U	0.48	U
AROCLOR 1254	11097-69-1	NS	0.5	U	0.068	U	0.065	U	0.065	U	0.47	U	0.48	U	0.50	U	0.47	U	0.5	U	0.066	U	0.065	U	0.065	U	0.5	U	0.49	U	0.51	U	0.48	U
AROCLOR 1260	11096-82-5	NS	0.5	U	0.068	U	0.065	U	0.065	U	0.47	U	0.48	U	0.5	U	0.47	U	0.5	U	0.066	U	0.065	U	0.065	U	0.5	U	0.49	U	0.51	U	0.48	U
AROCLOR 1262	37324-23-5	NS	0.5	U	0.068	U	0.065	U	NA		NA		NA		NA		NA		0.5	U	0.066	U	0.065	U	NA		NA		NA		NA		NA	
AROCLOR 1268	11100-14-4	NS	0.5	U	0.068	U	0.065	U	NA		NA		NA		NA		NA		0.5	U	0.066	U	0.065	U	NA		NA		NA		NA		NA	
Total Aroclor		0.09	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	

Notes:
AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values
Units are micrograms per liter (µg/L)
U - The compound was not detected at the indicated concentration.
NA - Not analyzed
Detected concentrations shown in **bold** font. Shaded cell indicates exceedances of AWQS/GV.
NS - No Standard
ND - No analytes detected above MDL

Appendix B
Historical Groundwater Analytical Summary (2008-2015)
34 Freeman's Bridge Road
Glenville, New York
Site No. 447028
Polychlorinated Biphenyls

Sample ID			MW-30														MW-31													
Sampling Date			**3/25/08**		**8/26/08**		**6/19/09**		**9/30/10**		**1/20/12**		**5/9/13**		**6/11/14**		**11/10/15**		**3/25/08**		**8/26/08**		**6/19/09**		**9/30/10**		**1/20/12**		**5/9/13**		**6/12/14**		**11/10/15**	
PCBs	CAS #	AWQS/GV Values																														
AROCLOR 1016	12674-11-2	NS	0.5	U	0.068	U	0.065	U	0.065	U	0.52	U	0.56	U	0.48	U	0.48	U	0.5	U	0.068	U	0.065	U	0.066	U	0.51	U	0.54	U	0.50	U	0.47	U
AROCLOR 1221	11104-28-2	NS	0.5	U	0.068	U	0.065	U	0.065	U	0.52	U	0.56	U	0.48	U	0.48	U	0.5	U	0.068	U	0.065	U	0.066	U	0.51	U	0.54	U	0.50	U	0.47	U
AROCLOR 1232	11141-16-5	NS	0.5	U	0.068	U	0.065	U	0.065	U	0.52	U	0.56	U	0.48	U	0.48	U	0.5	U	0.068	U	0.065	U	0.066	U	0.51	U	0.54	U	0.50	U	0.47	U
AROCLOR 1242	53469-21-9	NS	0.5	U	0.068	U	0.065	U	0.065	U	0.52	U	0.56	U	0.48	U	0.48	U	0.5	U	0.068	U	0.065	U	0.066	U	0.51	U	0.54	U	0.50	U	0.47	U
AROCLOR 1248	12672-29-6	NS	0.5	U	0.068	U	0.065	U	0.065	U	0.52	U	0.56	U	0.48	U	0.48	U	0.5	U	0.068	U	0.065	U	0.066	U	0.51	U	0.54	U	0.50	U	0.47	U
AROCLOR 1254	11097-69-1	NS	0.5	U	0.068	U	0.065	U	0.065	U	0.52	U	0.56	U	0.48	U	0.48	U	0.5	U	0.068	U	0.065	U	0.066	U	0.51	U	0.54	U	0.50	U	0.47	U
AROCLOR 1260	11096-82-5	NS	0.5	U	0.068	U	0.065	U	0.065	U	0.52	U	0.56	U	0.48	U	0.48	U	0.5	U	0.068	U	0.065	U	0.066	U	0.51	U	0.54	U	0.50	U	0.47	U
AROCLOR 1262	37324-23-5	NS	0.5	U	0.068	U	0.065	U	NA		NA		NA		NA		NA		0.5	U	0.068	U	0.065	U	NA		NA		NA		NA		NA	
AROCLOR 1268	11100-14-4	NS	0.5	U	0.068	U	0.065	U	NA		NA		NA		NA		NA		0.5	U	0.068	U	0.065	U	NA		NA		NA		NA		NA	
Total Aroclor		0.09	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	

Sample ID			MW-32														MW-33													
Sampling Date			**3/27/08**		**8/26/08**		**6/19/09**		**9/30/10**		**1/19/12**		**5/10/13**		**6/12/14**		**11/11/15**		**3/26/08**		**8/26/08**		**6/17/09**		**9/29/10**		**1/19/12**		**5/10/13**		**6/12/14**		**11/12/15**	
PCBs	CAS #	AWQS/GV Values																														
AROCLOR 1016	12674-11-2	NS	0.5	U	0.068	U	0.065	U	0.066	U	0.52	U	0.48	U	0.52	U	0.48	U	0.5	U	0.069	U	0.065	U	0.065	U	0.55	U	0.50	U	0.50	U	0.53	U
AROCLOR 1221	11104-28-2	NS	0.5	U	0.068	U	0.065	U	0.066	U	0.52	U	0.48	U	0.52	U	0.48	U	0.5	U	0.069	U	0.065	U	0.065	U	0.55	U	0.50	U	0.50	U	0.53	U
AROCLOR 1232	11141-16-5	NS	0.5	U	0.068	U	0.065	U	0.066	U	0.52	U	0.48	U	0.52	U	0.48	U	0.5	U	0.069	U	0.065	U	0.065	U	0.55	U	0.50	U	0.50	U	0.53	U
AROCLOR 1242	53469-21-9	NS	0.5	U	0.068	U	0.065	U	0.066	U	0.52	U	0.48	U	0.52	U	0.48	U	0.5	U	0.069	U	0.065	U	0.065	U	0.55	U	0.50	U	0.50	U	0.53	U
AROCLOR 1248	12672-29-6	NS	0.5	U	0.068	U	0.065	U	0.066	U	0.52	U	0.48	U	0.52	U	0.48	U	0.5	U	0.069	U	0.065	U	0.065	U	0.55	U	0.50	U	0.50	U	0.53	U
AROCLOR 1254	11097-69-1	NS	0.5	U	0.068	U	0.065	U	0.066	U	0.52	U	0.48	U	0.52	U	0.48	U	0.5	U	0.069	U	0.065	U	0.065	U	0.55	U	0.50	U	0.50	U	0.53	U
AROCLOR 1260	11096-82-5	NS	0.5	U	0.068	U	0.065	U	0.066	U	0.52	U	0.48	U	0.52	U	0.48	U	0.5	U	0.069	U	0.065	U	0.065	U	0.55	U	0.50	U	0.50	U	0.53	U
AROCLOR 1262	37324-23-5	NS	0.5	U	0.068	U	0.065	U	NA		NA		NA		NA		NA		0.5	U	0.069	U	0.065	U	NA		NA		NA		NA		NA	
AROCLOR 1268	11100-14-4	NS	0.5	U	0.068	U	0.065	U	NA		NA		NA		NA		NA		0.5	U	0.069	U	0.065	U	NA		NA		NA		NA		NA	
Total Aroclor		0.09	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	

Notes:
AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values
Units are micrograms per liter (µg/L)
U - The compound was not detected at the indicated concentration.
NA - Not analyzed
Detected concentrations shown in **bold** font. Shaded cell indicates exceedances of AWQS/GV.
NS - No Standard
ND - No analytes detected above MDL

Historical Groundwater Analytical Summary – Pesticides

Appendix B
Historical Groundwater Analytical Summary (2008-2015)
34 Freeman's Bridge Road
Glenville, New York
Site No. 447028
Pesticides

Sample ID			MW-11														MW-11D											
Sampling Date			3/27/08		8/26/08		6/18/09		9/28/10		1/17/12		5/8/13		6/11/14		11/10/15		3/27/08		8/26/08		6/18/09		9/28/10		1/17/12		5/8/13		6/11/14		11/10/15	
PESTICIDES	CAS #	AWQS/GV Values																																
HEPTACHLOR EPOXIDE	1024-57-3	0.03	0.010	U	0.050	U	0.050	U	0.050	U	0.047	U	0.050	U	0.054	U	0.049	U	0.010	U	0.050	U	0.050	U	0.050	U	0.048	U	0.048	U	0.047	U	0.047	U
ENDOSULFAN SULFATE	1031-07-8	NS	0.010	U	0.100	U	0.100	U	0.100	U	0.047	U	0.050	U	0.054	U	0.049	U	0.010	U	0.101	U	0.100	U	0.099	U	0.048	U	0.048	U	0.047	U	0.047	U
GAMMA-CHLORDANE	12789-03-6	0.5	0.010	U	0.050	U	0.050	U	0.050	U	0.047	U	0.050	U	0.054	U	0.049	U	0.010	U	0.050	U	0.050	U	0.050	U	0.048	U	0.048	U	0.047	U	0.047	U
ALDRIN	309-00-2	ND	0.010	U	0.050	U	0.050	U	0.050	U	0.047	U	**0.0080**	**J**	0.054	U	0.049	U	0.010	U	0.050	U	0.050	U	0.050	U	0.048	U	0.048	U	0.047	U	0.047	U
ALPHA-BHC	319-84-6	0.01	0.010	U	0.050	U	0.050	U	0.050	U	0.047	U	**0.010**	**J**	**0.011**	**J**	**0.012**	**JB**	0.010	U	0.050	U	0.050	U	0.050	U	0.048	U	0.048	U	0.047	U	0.047	U
BETA-BHC	319-85-7	0.04	0.010	U	0.050	U	0.050	U	0.050	U	0.047	U	0.050	U	0.054	U	0.049	U	0.010	U	0.050	U	0.050	U	0.050	U	0.048	U	0.048	U	0.047	U	0.047	U
DELTA-BHC	319-86-8	0.04	0.010	U	0.050	U	0.050	U	0.050	U	0.047	U	**0.010**	**JB**	0.054	U	0.049	U	0.010	U	0.050	U	0.050	U	0.050	U	0.048	U	0.048	U	0.047	U	**0.015**	**JB**
BETA-ENDOSULFAN	33213-65-9	NS	0.010	U	0.100	U	0.100	U	0.100	U	0.047	U	0.050	U	0.054	U	0.049	U	0.010	U	0.101	U	0.100	U	0.099	U	0.048	U	0.048	U	0.047	U	0.047	U
P,P'-DDT	50-29-3	0.2	0.010	U	0.100	U	0.100	U	0.100	U	0.047	U	0.050	U	**0.017**	**J**	0.049	U	0.010	U	0.101	U	0.100	U	0.099	U	0.048	U	0.048	U	0.047	U	0.047	U
ALPHA-CHLORDANE	5103-71-9	0.5	0.010	U	0.100	U	0.100	U	0.050	U	0.047	U	0.050	U	0.054	U	0.049	U	0.010	U	0.101	U	0.100	U	0.050	U	0.048	U	0.048	U	0.047	U	0.047	U
ENDRIN KETONE	53494-70-5	5	0.010	U	0.100	U	0.100	U	0.100	U	0.047	U	0.050	U	0.054	U	0.049	U	0.010	U	0.101	U	0.100	U	0.099	U	0.048	U	0.048	U	0.047	U	0.047	U
GAMMA-BHC	58-89-9	0.05	0.010	U	0.050	U	0.050	U	0.050	U	0.047	U	0.050	U	0.054	U	0.049	U	0.010	U	0.050	U	0.050	U	0.050	U	0.048	U	0.048	U	0.047	U	0.047	U
DIELDRIN	60-57-1	0.004	0.010	U	0.100	U	0.100	U	0.100	U	0.047	U	0.050	U	0.054	U	0.049	U	0.010	U	0.101	U	0.100	U	0.099	U	0.048	U	0.048	U	0.047	U	0.047	U
ENDRIN	72-20-8	NS	0.010	U	0.100	U	0.100	U	0.100	U	0.047	U	**0.015**	**J**	0.054	U	0.049	U	0.010	U	0.101	U	0.100	U	0.099	U	0.048	U	0.048	U	0.047	U	0.047	U
METHOXYCHLOR	72-43-5	35	0.010	U	0.050	U	0.050	U	0.050	U	0.047	U	0.050	U	0.054	U	0.049	U	0.010	U	0.050	U	0.050	U	0.050	U	0.048	U	0.048	U	0.047	U	0.047	U
P,P'-DDD	72-54-8	0.3	0.010	U	0.100	U	0.100	U	0.100	U	0.047	U	**0.011**	**J**	0.054	U	0.049	U	0.010	U	0.101	U	0.100	U	0.099	U	0.048	U	0.048	U	0.047	U	0.047	U
P,P'-DDE	72-55-9	0.2	0.010	U	0.100	U	0.100	U	0.100	U	0.047	U	**0.015**	**J**	0.054	U	0.049	U	0.010	U	0.101	U	0.100	U	0.099	U	0.048	U	0.048	U	0.047	U	0.047	U
ENDRIN ALDEHYDE	7421-93-4	5	0.010	U	0.100	U	0.100	U	0.100	U	0.047	U	0.050	U	0.054	U	**0.029**	**J**	0.010	U	0.101	U	0.100	U	0.099	U	0.048	U	0.048	U	0.047	U	0.047	U
HEPTACHLOR	76-44-8	0.04	0.010	U	0.050	U	0.050	U	0.050	U	0.047	U	0.050	U	0.054	U	0.049	U	0.010	U	0.050	U	0.050	U	0.050	U	0.048	U	0.048	U	0.047	U	0.047	U
TOXAPHENE	8001-35-2	0.06	0.010	U	0.500	U	0.500	U	0.500	U	0.470	U	0.50	U	0.54	U	0.490	U	0.010	U	0.500	U	0.500	U	0.495	U	0.480	U	0.48	U	0.47	U	0.470	U
ALPHA ENDOSULFAN	959-98-8	NS	0.010	U	0.050	U	0.050	U	0.050	U	0.047	U	0.050	U	0.054	U	0.049	U	0.010	U	0.050	U	0.050	U	0.050	U	0.048	U	0.048	U	0.047	U	0.047	U
Total Pesticides			ND		ND		ND		ND		ND		**0.069**		**0.028**		**0.041**		ND		ND		ND		ND		ND		ND		ND		**0.015**	

Sample ID			MW-12														MW-15											
Sampling Date			3/24/08		8/26/08		6/18/09		9/30/10		1/19/12		5/9/13		6/12/14		11/12/15		3/26/08		8/26/08		6/19/09		9/30/10		1/17/12		5/9/13		6/13/14		11/12/15	
PESTICIDES	CAS #	AWQS/GV Values																																
HEPTACHLOR EPOXIDE	1024-57-3	0.03	0.010	U	0.0510	U	0.054	U	0.051	U	0.052	U	0.053	U	0.050	U	0.046	U	0.010	U	0.053	U	0.050	U	0.050	U	0.990	U	0.540	U	0.24	U	0.23	U
ENDOSULFAN SULFATE	1031-07-8	NS	0.010	U	0.1020	U	0.108	U	0.102	U	0.052	U	0.053	U	0.050	U	0.046	U	0.010	U	0.105	U	0.101	U	0.100	U	0.990	U	0.540	U	0.24	U	0.23	U
GAMMA-CHLORDANE	12789-03-6	0.5	0.010	U	0.0510	U	0.054	U	0.051	U	0.052	U	**0.015**	**J**	0.050	U	0.046	U	0.010	U	0.053	U	0.050	U	0.050	U	0.990	U	0.540	U	0.24	U	0.23	U
ALDRIN	309-00-2	ND	0.010	U	0.0510	U	0.054	U	0.051	U	0.052	U	0.053	U	0.0500	U	0.046	U	0.010	U	0.053	U	0.050	U	0.050	U	0.990	U	0.540	U	0.24	U	0.23	U
ALPHA-BHC	319-84-6	0.01	0.010	U	0.0510	U	0.054	U	0.051	U	0.052	U	0.053	U	**0.0086**	**JB**	**0.012**	**JB**	0.010	U	0.053	U	0.050	U	0.050	U	0.990	U	**0.11**	**J**	**0.078**	**JB**	**0.053**	**JB**
BETA-BHC	319-85-7	0.04	0.010	U	0.0510	U	0.054	U	0.051	U	0.052	U	0.053	U	0.050	U	0.046	U	0.010	U	0.053	U	0.050	U	0.050	U	0.990	U	0.540	U	0.24	U	0.23	U
DELTA-BHC	319-86-8	0.04	0.010	U	0.0510	U	0.054	U	0.051	U	0.052	U	**0.013**	**JB**	**0.011**	**J**	0.046	U	0.010	U	0.053	U	0.050	U	0.050	U	0.990	U	**0.13**	**JB**	0.24	U	**0.061**	**JB**
BETA-ENDOSULFAN	33213-65-9	NS	0.010	U	0.1020	U	0.108	U	0.102	U	0.052	U	0.053	U	0.050	U	0.046	U	0.010	U	0.105	U	0.101	U	0.100	U	0.990	U	0.540	U	0.24	U	0.23	U
P,P'-DDT	50-29-3	0.2	0.010	U	0.1020	U	0.108	U	0.102	U	0.052	U	0.053	U	0.050	U	0.046	U	0.010	U	0.105	U	0.101	U	0.100	U	0.990	U	0.540	U	**0.066**	**J***	0.23	U
ALPHA-CHLORDANE	5103-71-9	0.5	0.010	U	0.1020	U	0.108	U	0.051	U	0.052	U	0.053	U	0.050	U	0.046	U	0.010	U	0.105	U	0.101	U	0.050	U	0.990	U	0.540	U	0.24	U	0.23	U
ENDRIN KETONE	53494-70-5	5	0.010	U	0.1020	U	0.108	U	0.102	U	0.052	U	0.053	U	0.050	U	0.046	U	0.010	U	0.105	U	0.101	U	0.100	U	0.990	U	0.540	U	0.24	U	0.23	U
GAMMA-BHC	58-89-9	0.05	0.010	U	0.0510	U	0.054	U	0.051	U	0.052	U	**0.015**	**JB**	0.050	U	0.046	U	0.010	U	0.053	U	0.050	U	0.050	U	0.990	U	0.540	U	**0.086**	**JB**	0.23	U
DIELDRIN	60-57-1	0.004	0.010	U	0.1020	U	0.108	U	0.102	U	0.052	U	0.053	U	0.050	U	0.046	U	0.010	U	0.105	U	0.101	U	0.100	U	0.990	U	0.540	U	0.24	U	0.23	U
ENDRIN	72-20-8	NS	0.010	U	0.1020	U	0.108	U	0.102	U	0.052	U	0.053	U	0.050	U	0.046	U	0.010	U	0.105	U	0.101	U	0.100	U	0.990	U	0.540	U	0.24	U	0.23	U
METHOXYCHLOR	72-43-5	35	0.010	U	0.0510	U	0.054	U	0.051	U	0.052	U	0.053	U	0.050	U	0.046	U	0.010	U	0.053	U	0.050	U	0.050	U	0.990	U	0.540	U	0.24	U	0.23	U
P,P'-DDD	72-54-8	0.3	0.010	U	0.1020	U	0.108	U	0.102	U	0.052	U	0.053	U	0.050	U	0.046	U	0.010	U	0.105	U	0.101	U	0.100	U	0.990	U	**0.12**	**J**	0.24	U	0.23	U
P,P'-DDE	72-55-9	0.2	0.010	U	0.1020	U	0.108	U	0.102	U	0.052	U	0.053	U	0.050	U	0.046	U	0.010	U	0.105	U	0.101	U	0.100	U	0.990	U	**0.18**	**JB**	**0.066**	**J**	0.23	U
ENDRIN ALDEHYDE	7421-93-4	5	0.010	U	0.1020	U	0.108	U	0.102	U	0.052	U	0.053	U	0.050	U	0.046	U	0.010	U	0.105	U	0.101	U	0.100	U	0.990	U	0.540	U	0.24	U	0.23	U
HEPTACHLOR	76-44-8	0.04	0.010	U	0.0510	U	0.054	U	0.051	U	0.052	U	0.053	U	0.050	U	0.046	U	0.010	U	0.053	U	0.050	U	0.050	U	0.990	U	0.540	U	**0.047**	**J**	0.23	U
TOXAPHENE	8001-35-2	0.06	0.010	U	0.5100	U	0.538	U	0.510	U	0.520	U	0.53	U	0.50	U	0.46	U	0.010	U	0.526	U	0.505	U	0.500	U	9.900	U	5.4	U	2.4	U	2.3	U
ALPHA ENDOSULFAN	959-98-8	NS	0.010	U	0.0510	U	0.054	U	0.051	U	0.052	U	0.053	U	0.050	U	0.046	U	0.010	U	0.053	U	0.050	U	0.050	U	0.990	U	0.54	U	0.24	U	0.23	U
Total Pesticides			ND		ND		ND		ND		ND		**0.043**		**0.020**		**0.012**		ND		ND		ND		ND		ND		**0.54**		**0.343**		**0.114**	

Notes:
AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values
Units are micrograms per liter (µg/L)
NS - No Standard or Guidance Value
ND - Non Detectable concentration
U - The compound was not detected at the indicated concentration.
Detected concentrations shown in **bold** font. Shaded cell indicates exceedances of AWQS/GV.
H - Sample was prepped or analyzed beyond the specified holding time.
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
* - Instrument QC exceeds control limits.
B - Compound was found in the blank and sample.

Appendix B
Historical Groundwater Analytical Summary (2008-2015)
34 Freeman's Bridge Road
Glenville, New York
Site No. 447028
Pesticides

Sample ID			MW-15D												MW-16									
Sampling Date			3/26/08	8/26/08	6/19/09	9/30/10	1/17/12	5/9/13	6/13/14	11/12/15	3/25/08	8/26/08	6/17/09	9/28/10	1/18/12	5/8/13	6/11/14	11/11/15
PESTICIDES	CAS #	AWQS/GV Values																
HEPTACHLOR EPOXIDE	1024-57-3	0.03	0.010 U	0.050 U	0.050 U	0.051 U	0.049 U	0.055 U	0.50 U	0.24 U	0.010 U	0.052 U	0.057 U	0.050 U	0.049 UH	**0.012 J**	0.050 U	0.047 U
ENDOSULFAN SULFATE	1031-07-8	NS	0.010 U	0.100 U	0.100 U	0.102 U	0.049 U	0.055 U	0.50 U	0.24 U	0.010 U	0.104 U	0.114 U	0.099 U	0.049 UH	0.050 U	0.050 U	0.047 U
GAMMA-CHLORDANE	12789-03-6	0.5	0.010 U	0.050 U	0.050 U	0.051 U	0.049 U	0.055 U	**0.29 J**	0.24 U	0.010 U	0.052 U	0.057 U	0.050 U	0.049 UH	**0.011 J**	0.050 U	0.047 U
ALDRIN	309-00-2	ND	0.010 U	0.050 U	0.050 U	0.051 U	0.049 U	**0.0087 J**	0.50 U	0.24 U	0.010 U	0.052 U	0.057 U	0.050 U	0.049 UH	0.050 U	0.050 U	0.047 U
ALPHA-BHC	319-84-6	0.01	0.010 U	0.050 U	0.050 U	0.051 U	0.049 U	**0.011 J**	**0.14 JB**	**0.057 JB**	0.010 U	0.052 U	0.057 U	0.050 U	0.049 UH	0.050 U	0.050 U	0.047 U
BETA-BHC	319-85-7	0.04	0.010 U	0.050 U	0.050 U	0.051 U	0.049 U	0.055 U	0.50 U	0.24 U	0.010 U	0.052 U	0.057 U	0.050 U	0.049 UH	0.050 U	0.050 U	0.047 U
DELTA-BHC	319-86-8	0.04	0.010 U	0.050 U	0.050 U	0.051 U	0.049 U	**0.013 JB**	**0.15 J**	**0.065 JB**	0.010 U	0.052 U	0.057 U	0.050 U	0.049 UH	**0.013 JB**	0.050 U	0.047 U
BETA-ENDOSULFAN	33213-65-9	NS	0.010 U	0.100 U	0.100 U	0.102 U	0.049 U	0.055 U	0.50 U	0.24 U	0.010 U	0.104 U	0.114 U	0.099 U	0.049 UH	0.050 U	0.050 U	0.047 U
P,P'-DDT	50-29-3	0.2	0.010 U	0.100 U	0.100 U	0.102 U	0.049 U	**0.017 JB**	0.50 U	**0.083 J**	0.010 U	0.104 U	0.114 U	0.099 U	0.049 UH	**0.021 J**	**0.018 J**	0.047 U
ALPHA-CHLORDANE	5103-71-9	0.5	0.010 U	0.100 U	0.050 U	0.051 U	0.049 U	0.055 U	0.50 U	0.24 U	0.010 U	0.104 U	0.057 U	0.050 U	0.049 UH	0.050 U	0.050 U	0.047 U
ENDRIN KETONE	53494-70-5	5	0.010 U	0.100 U	0.100 U	0.102 U	0.049 U	0.055 U	0.50 U	0.24 U	0.010 U	0.104 U	0.114 U	0.099 U	0.049 UH	0.050 U	0.050 U	0.047 U
GAMMA-BHC	58-89-9	0.05	0.010 U	0.050 U	0.050 U	0.051 U	0.049 U	0.055 U	0.50 U	0.24 U	0.010 U	0.052 U	0.057 U	0.050 U	0.049 UH	**0.011 J**	**0.0098 J**	0.047 U
DIELDRIN	60-57-1	0.004	0.010 U	0.100 U	0.100 U	0.102 U	0.049 U	0.055 U	**0.26 J**	0.24 U	0.010 U	0.104 U	0.114 U	0.099 U	0.049 UH	**0.015 J**	0.050 U	0.047 U
ENDRIN	72-20-8	NS	0.010 U	0.100 U	0.100 U	0.102 U	0.049 U	0.055 U	0.50 U	0.24 U	0.010 U	0.104 U	0.114 U	0.099 U	0.049 UH	**0.017 J**	0.050 U	0.047 U
METHOXYCHLOR	72-43-5	35	0.010 U	0.050 U	0.050 U	0.051 U	0.049 U	0.055 U	0.50 U	0.24 U	0.010 U	0.052 U	0.057 U	0.050 U	0.049 UH	0.050 U	0.050 U	**0.220**
P,P'-DDD	72-54-8	0.3	0.010 U	0.100 U	0.100 U	0.102 U	0.049 U	**0.012 J**	**0.76**	0.24 U	0.010 U	0.104 U	0.114 U	0.099 U	0.049 UH	**0.011 J**	**0.015 J**	0.047 U
P,P'-DDE	72-55-9	0.2	0.010 U	0.100 U	0.100 U	0.102 U	0.049 U	0.055 U	**0.27 J**	0.24 U	0.010 U	0.104 U	0.114 U	0.099 U	**0.012 JH**	0.050 U	0.050 U	0.047 U
ENDRIN ALDEHYDE	7421-93-4	5	0.010 U	0.100 U	0.100 U	0.102 U	0.049 U	0.055 U	**0.21 J***	**0.086 J**	0.010 U	0.104 U	0.114 U	0.099 U	0.049 UH	0.050 U	0.050 U	0.047 U
HEPTACHLOR	76-44-8	0.04	0.010 U	0.050 U	0.050 U	0.051 U	0.049 U	0.055 U	0.50 U	0.24 U	0.010 U	0.052 U	0.057 U	0.050 U	0.049 UH	0.050 U	0.050 U	0.047 U
TOXAPHENE	8001-35-2	0.06	0.010 U	0.500 U	0.500 U	0.510 U	0.490 U	0.55 U	5.0 U	2.4 U	0.010 U	0.521 U	0.568 U	0.495 U	0.490 UH	0.50 U	0.50 U	0.470 U
ALPHA ENDOSULFAN	959-98-8	NS	0.010 U	0.050 U	0.050 U	0.051 U	0.049 U	0.055 U	0.50 U	0.24 U	0.010 U	0.052 U	0.057 U	0.050 U	0.049 UH	0.050 U	0.050 U	0.047 U
Total Pesticides			ND	ND	ND	ND	ND	**0.062**	**2.08**	**0.291**	ND	ND	ND	ND	**0.012**	**0.111**	**0.043**	**0.220**

Sample ID			MW-16D							MW-18						
Sampling Date			3/25/08	8/26/08	6/17/09	9/28/10	1/18/12	5/8/13	6/11/14	11/11/15	3/26/08	8/26/08	6/18/09	10/1/10	1/19/12	5/10/13	6/12/14	11/12/15
PESTICIDES	CAS #	AWQS/GV Values																
HEPTACHLOR EPOXIDE	1024-57-3	0.03	0.01 U	0.051 U	0.056 U	0.050 U	0.049 UH	0.050 U	0.053 U	0.049 U	0.010 U	0.050 U	0.050 U	0.051 U	0.052 U	0.051 U	0.050 U	NA
ENDOSULFAN SULFATE	1031-07-8	NS	0.01 U	0.102 U	0.111 U	0.101 U	0.049 UH	0.050 U	0.053 U	0.049 U	0.010 U	0.100 U	0.100 U	0.102 U	0.052 U	0.051 U	0.050 U	NA
GAMMA-CHLORDANE	12789-03-6	0.5	0.01 U	0.051 U	0.056 U	0.050 U	0.049 UH	0.050 U	0.053 U	0.049 U	0.010 U	0.050 U	0.050 U	0.051 U	0.052 U	**0.012 J**	0.050 U	NA
ALDRIN	309-00-2	ND	0.01 U	0.051 U	0.056 U	0.050 U	0.049 UH	0.050 U	0.053 U	0.049 U	0.010 U	0.050 U	0.050 U	0.051 U	0.052 U	0.051 U	0.050 U	NA
ALPHA-BHC	319-84-6	0.01	0.01 U	0.051 U	0.056 U	0.050 U	0.049 UH	0.050 U	0.053 U	0.049 U	0.010 U	0.050 U	0.050 U	0.051 U	0.052 U	0.051 U	**0.0086 JB**	NA
BETA-BHC	319-85-7	0.04	0.01 U	0.051 U	0.056 U	0.050 U	0.049 UH	0.050 U	0.053 U	0.049 U	0.010 U	0.050 U	0.050 U	0.051 U	0.052 U	0.051 U	0.050 U	NA
DELTA-BHC	319-86-8	0.04	0.01 U	0.051 U	0.056 U	0.050 U	0.049 UH	0.050 U	0.053 U	0.049 U	0.010 U	0.050 U	0.050 U	0.051 U	0.052 U	**0.013 JB**	**0.010 J**	NA
BETA-ENDOSULFAN	33213-65-9	NS	0.01 U	0.102 U	0.111 U	0.101 U	0.049 UH	0.050 U	0.053 U	0.049 U	0.010 U	0.100 U	0.100 U	0.102 U	0.052 U	0.051 U	0.050 U	NA
P,P'-DDT	50-29-3	0.2	0.01 U	0.102 U	0.111 U	0.101 U	0.049 UH	0.050 U	0.053 U	0.049 U	0.010 U	0.100 U	0.100 U	0.102 U	0.052 U	**0.015 JB**	0.050 U	NA
ALPHA-CHLORDANE	5103-71-9	0.5	0.01 U	0.102 U	0.111 U	0.050 U	0.049 UH	0.050 U	0.053 U	0.049 U	0.010 U	0.100 U	0.100 U	0.051 U	0.052 U	0.051 U	0.050 U	NA
ENDRIN KETONE	53494-70-5	5	0.01 U	0.102 U	0.111 U	0.101 U	0.049 UH	0.050 U	0.053 U	0.049 U	0.010 U	0.100 U	0.100 U	0.102 U	0.052 U	0.051 U	0.050 U	NA
GAMMA-BHC	58-89-9	0.05	0.01 U	0.051 U	0.056 U	0.050 U	0.049 UH	0.050 U	0.053 U	0.049 U	0.010 U	0.050 U	0.050 U	0.051 U	0.052 U	0.051 U	0.050 U	NA
DIELDRIN	60-57-1	0.004	0.01 U	0.102 U	0.111 U	0.101 U	0.049 UH	0.050 U	0.053 U	0.049 U	0.010 U	0.100 U	0.100 U	0.102 U	0.052 U	0.051 U	0.050 U	NA
ENDRIN	72-20-8	NS	0.01 U	0.102 U	0.111 U	0.101 U	0.049 UH	0.050 U	0.053 U	0.049 U	0.010 U	0.100 U	0.100 U	0.102 U	0.052 U	0.051 U	0.050 U	NA
METHOXYCHLOR	72-43-5	35	0.01 U	0.051 U	0.056 U	0.050 U	0.049 UH	0.050 U	0.053 U	0.049 U	0.010 U	0.050 U	0.050 U	0.051 U	0.052 U	0.051 U	0.050 U	NA
P,P'-DDD	72-54-8	0.3	0.01 U	0.102 U	0.111 U	0.101 U	0.049 UH	0.050 U	0.053 U	0.049 U	0.010 U	0.100 U	0.100 U	0.102 U	0.052 U	0.051 U	0.050 U	NA
P,P'-DDE	72-55-9	0.2	0.01 U	0.102 U	0.111 U	0.101 U	0.049 UH	0.050 U	0.053 U	0.049 U	0.010 U	0.100 U	0.100 U	0.102 U	0.052 U	0.051 U	**0.012 J**	NA
ENDRIN ALDEHYDE	7421-93-4	5	0.01 U	0.102 U	0.111 U	0.101 U	0.049 UH	0.050 U	0.053 U	0.049 U	0.010 U	0.100 U	0.100 U	0.102 U	0.052 U	0.051 U	0.050 U	NA
HEPTACHLOR	76-44-8	0.04	0.01 U	0.051 U	0.056 U	0.050 U	0.049 UH	0.050 U	0.053 U	0.049 U	0.010 U	0.050 U	0.050 U	0.051 U	0.052 U	0.051 U	0.050 U	NA
TOXAPHENE	8001-35-2	0.06	0.01 U	0.51 U	0.556 U	0.505 U	0.490 UH	0.50 U	0.53 U	0.490 U	0.010 U	0.500 U	0.500 U	0.510 U	0.520 U	0.51 U	0.50 U	NA
ALPHA ENDOSULFAN	959-98-8	NS	0.01 U	0.051 U	0.056 U	0.050 U	0.049 UH	0.050 U	0.053 U	0.049 U	0.010 U	0.050 U	0.050 U	0.051 U	0.052 U	0.051 U	0.050 U	NA
Total Pesticides			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.040**	**0.031**	NA

Notes:
AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values
Units are micrograms per liter (µg/L)
NS - No Standard or Guidance Value
ND - Non Detectable concentration
U - The compound was not detected at the indicated concentration.
Detected concentrations shown in **bold** font. Shaded cell indicates exceedances of AWQS/GV.
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
* - Instrument QC exceeds control limits.

Appendix B
Historical Groundwater Analytical Summary (2008-2015)
34 Freeman's Bridge Road
Glenville, New York
Site No. 447028
Pesticides

Sample ID			MW-19																											
Sampling Date			3/26/08		8/25/08		6/18/09		9/28/10		1/18/12		5/9/13		6/10/14		11/11/15		3/26/08		8/25/08		6/18/09		9/28/10		1/18/12		5/9/13		6/13/14		11/12/15	
PESTICIDES	CAS #	AWQS/GV Values																																
HEPTACHLOR EPOXIDE	1024-57-3	0.03	0.010	U	0.050	U	0.056	U	0.050	U	1.000	UH	0.580	U	NA		NA		0.010	U	0.053	U	0.051	U	0.050	U	0.049	UH	0.048	U	0.051	U	0.047	U
ENDOSULFAN SULFATE	1031-07-8	NS	0.010	U	0.101	U	0.111	U	0.099	U	1.000	UH	0.580	U	NA		NA		0.010	U	0.105	U	0.102	U	0.101	U	0.049	UH	0.048	U	0.051	U	0.047	U
GAMMA-CHLORDANE	12789-03-6	0.5	0.010	U	0.050	U	0.056	U	0.050	U	1.000	UH	0.580	U	NA		NA		0.010	U	0.053	U	0.051	U	0.050	U	0.049	UH	0.048	U	0.051	U	0.047	U
ALDRIN	309-00-2	ND	0.010	U	0.050	U	0.056	U	0.050	U	1.000	UH	0.580	U	NA		NA		0.010	U	0.053	U	0.051	U	0.050	U	0.049	UH	0.048	U	0.0510	U	0.047	U
ALPHA-BHC	319-84-6	0.01	0.010	U	0.050	U	0.056	U	0.050	U	1.000	UH	0.580	U	NA		NA		0.010	U	0.053	U	0.051	U	0.050	U	0.049	UH	0.048	U	**0.016**	**JB**	**0.012**	**JB**
BETA-BHC	319-85-7	0.04	0.010	U	0.050	U	0.056	U	0.050	U	1.000	UH	0.580	U	NA		NA		0.010	U	0.053	U	0.051	U	0.050	U	0.049	UH	0.048	U	0.051	U	0.047	U
DELTA-BHC	319-86-8	0.04	0.010	U	0.050	U	0.056	U	0.050	U	1.000	UH	0.580	U	NA		NA		0.010	U	0.053	U	0.051	U	0.050	U	0.049	UH	**0.011**	**JB**	0.051	U	**0.012**	**JB**
BETA-ENDOSULFAN	33213-65-9	NS	0.010	U	0.101	U	0.111	U	0.099	U	1.000	UH	0.580	U	NA		NA		0.010	U	0.105	U	0.102	U	0.101	U	0.049	UH	0.048	U	0.051	U	0.047	U
P,P'-DDT	50-29-3	0.2	0.010	U	0.101	U	0.111	U	0.099	U	1.000	UH	**0.17**	**JB**	NA		NA		0.010	U	0.105	U	0.102	U	0.101	U	0.049	UH	**0.014**	**JB**	0.051	U	0.047	U
ALPHA-CHLORDANE	5103-71-9	0.5	0.010	U	0.101	U	0.111	U	0.050	U	1.000	UH	0.580	U	NA		NA		0.010	U	0.105	U	0.102	U	0.050	U	0.049	UH	0.048	U	0.051	U	0.047	U
ENDRIN KETONE	53494-70-5	5	0.010	U	0.101	U	0.111	U	0.099	U	1.000	UH	**0.16**	**J**	NA		NA		0.010	U	0.105	U	0.102	U	0.101	U	0.049	UH	0.048	U	0.051	U	0.047	U
GAMMA-BHC	58-89-9	0.05	0.010	U	0.050	U	0.056	U	0.050	U	1.000	UH	0.580	U	NA		NA		0.010	U	0.053	U	0.051	U	0.050	U	0.049	UH	0.048	U	**0.013**	**JB**	0.047	U
DIELDRIN	60-57-1	0.004	0.010	U	0.101	U	0.111	U	0.099	U	1.000	UH	0.580	U	NA		NA		0.010	U	0.105	U	0.102	U	0.101	U	0.049	UH	0.048	U	0.051	U	0.047	U
ENDRIN	72-20-8	NS	0.010	U	0.101	U	0.111	U	0.099	U	1.000	UH	0.580	U	NA		NA		0.010	U	0.105	U	0.102	U	0.101	U	0.049	UH	0.048	U	0.051	U	0.047	U
METHOXYCHLOR	72-43-5	35	0.010	U	0.050	U	**0.298**		0.050	U	0.990	U	0.580	U	NA		NA		0.010	U	0.053	U	0.051	U	0.050	U	0.049	UH	0.048	U	0.051	U	0.047	U
P,P'-DDD	72-54-8	0.3	0.010	U	0.101	U	0.111	U	0.099	U	1.000	UH	0.580	U	NA		NA		0.010	U	0.105	U	0.102	U	0.101	U	0.049	UH	0.048	U	0.051	U	0.047	U
P,P'-DDE	72-55-9	0.2	0.010	U	0.101	U	0.111	U	0.099	U	1.000	UH	**0.21**	**JB**	NA		NA		0.010	U	0.105	U	0.102	U	0.101	U	0.049	UH	0.048	U	0.051	U	0.047	U
ENDRIN ALDEHYDE	7421-93-4	5	0.010	U	0.101	U	0.111	U	0.099	U	1.000	UH	0.580	U	NA		NA		0.010	U	0.105	U	0.102	U	0.101	U	0.049	UH	0.048	U	0.051	U	0.047	U
HEPTACHLOR	76-44-8	0.04	0.010	U	0.050	U	0.056	U	0.050	U	1.000	UH	0.580	U	NA		NA		0.010	U	0.053	U	0.051	U	0.050	U	0.049	UH	0.048	U	0.051	U	0.047	U
TOXAPHENE	8001-35-2	0.06	0.010	U	0.505	U	0.556	U	0.495	U	10.000	UH	5.8	U	NA		NA		0.010	U	0.526	U	0.510	U	0.505	U	0.490	UH	0.48	U	0.51	U	0.470	U
ALPHA ENDOSULFAN	959-98-8	NS	0.010	U	0.050	U	0.056	U	0.050	U	1.000	UH	0.58	U	NA		NA		0.010	U	0.053	U	0.051	U	0.050	U	0.049	UH	0.048	U	0.051	U	0.047	U
Total Pesticides			ND		ND		**0.298**		ND		ND		**0.54**		NA		NA		ND		ND		ND		ND		ND		**0.025**		**0.029**		**0.024**	

Sample ID			MW-20																											
Sampling Date			3/24/08		8/25/08		6/19/09		9/29/10		1/19/12		5/8/13		6/11/14		11/11/15		3/24/08		8/25/08		6/19/09		9/29/10		1/19/12		5/8/13		6/11/14		11/11/15	
PESTICIDES	CAS #	AWQS/GV Values																																
HEPTACHLOR EPOXIDE	1024-57-3	0.03	0.010	U	0.053	U	0.050	U	0.050	U	0.280	U	**0.012**	**J**	0.24	U	0.970	U	0.010	U	0.052	U	0.495	U	0.051	U	0.049	U	0.047	U	0.051	U	0.047	U
ENDOSULFAN SULFATE	1031-07-8	NS	0.010	U	0.106	U	0.099	U	0.100	U	0.280	U	**0.017**	**J**	0.24	U	0.970	U	0.010	U	0.104	U	0.990	U	0.102	U	0.049	U	0.047	U	0.051	U	0.047	U
GAMMA-CHLORDANE	12789-03-6	0.5	0.010	U	0.053	U	0.050	U	0.050	U	0.280	U	**0.029**	**J**	0.24	U	0.970	U	0.010	U	0.052	U	0.495	U	0.051	U	0.049	U	0.047	U	0.051	U	0.047	U
ALDRIN	309-00-2	ND	0.010	U	0.053	U	0.050	U	0.050	U	0.280	U	**0.011**	**J**	0.24	U	0.970	U	0.010	U	0.052	U	0.495	U	0.051	U	0.049	U	0.047	U	0.051	U	0.047	U
ALPHA-BHC	319-84-6	0.01	0.010	U	0.053	U	0.050	U	0.050	U	0.280	U	0.054	U	**0.055**	**J**	0.970	U	0.010	U	0.052	U	0.495	U	0.051	U	0.049	U	0.047	U	0.051	U	0.047	U
BETA-BHC	319-85-7	0.04	0.010	U	0.053	U	0.050	U	0.050	U	0.280	U	**0.050**	**J**	0.24	U	0.970	U	0.010	U	0.052	U	0.495	U	0.051	U	0.049	U	0.047	U	0.051	U	0.047	U
DELTA-BHC	319-86-8	0.04	0.010	U	0.053	U	0.050	U	0.050	U	0.280	U	**0.049**	**JB**	0.24	U	0.970	U	0.010	U	0.052	U	0.495	U	0.051	U	0.049	U	0.047	U	0.051	U	0.047	U
BETA-ENDOSULFAN	33213-65-9	NS	0.010	U	0.106	U	0.099	U	0.100	U	0.280	U	**0.045**	**J**	0.24	U	0.970	U	0.010	U	0.104	U	0.990	U	0.102	U	0.049	U	0.047	U	0.051	U	0.047	U
P,P'-DDT	50-29-3	0.2	0.010	U	0.106	U	0.099	U	0.100	U	0.280	U	**0.021**	**J**	**0.088**	**J**	0.970	U	0.010	U	0.104	U	0.990	U	0.102	U	0.049	U	0.047	U	0.051	U	0.047	U
ALPHA-CHLORDANE	5103-71-9	0.5	0.010	U	0.106	U	0.099	U	0.050	U	0.280	U	0.054	U	**0.20**	**J**	0.970	U	0.010	U	0.104	U	0.990	U	0.051	U	0.049	U	0.047	U	0.051	U	0.047	U
ENDRIN KETONE	53494-70-5	5	0.010	U	0.106	U	0.099	U	0.100	U	0.280	U	0.054	U	0.24	U	0.970	U	0.010	U	0.104	U	0.990	U	0.102	U	0.049	U	0.047	U	0.051	U	0.047	U
GAMMA-BHC	58-89-9	0.05	0.010	U	0.053	U	0.050	U	0.050	U	0.280	U	**0.037**	**J**	0.24	U	0.970	U	0.010	U	0.052	U	0.495	U	0.051	U	0.049	U	0.047	U	0.051	U	0.047	U
DIELDRIN	60-57-1	0.004	0.010	U	0.106	U	0.099	U	0.100	U	0.280	U	0.054	U	**0.060**	**J**	0.970	U	0.010	U	0.104	U	0.990	U	0.102	U	0.049	U	0.047	U	0.051	U	0.047	U
ENDRIN	72-20-8	NS	0.010	U	0.106	U	0.099	U	0.100	U	0.280	U	**0.052**	**J**	0.24	U	0.970	U	0.010	U	0.104	U	0.990	U	0.102	U	0.049	U	0.047	U	0.051	U	0.047	U
METHOXYCHLOR	72-43-5	35	0.010	U	0.053	U	0.050	U	0.050	U	0.280	U	0.054	U	0.24	U	0.970	U	0.010	U	0.052	U	0.495	U	0.051	U	0.049	U	0.047	U	0.051	U	0.047	U
P,P'-DDD	72-54-8	0.3	0.010	U	0.106	U	0.099	U	0.100	U	0.280	U	**0.042**	**J**	0.24	U	0.970	U	0.010	U	0.104	U	0.990	U	0.102	U	0.049	U	0.047	U	0.051	U	0.047	U
P,P'-DDE	72-55-9	0.2	0.010	U	0.106	U	0.099	U	0.100	U	0.280	U	0.054	U	0.24	U	0.970	U	0.010	U	0.104	U	0.990	U	0.102	U	0.049	U	0.047	U	0.051	U	0.047	U
ENDRIN ALDEHYDE	7421-93-4	5	0.010	U	0.106	U	0.099	U	0.100	U	0.280	U	**0.018**	**J**	0.24	U	0.970	U	0.010	U	0.104	U	0.990	U	0.102	U	0.049	U	0.047	U	0.051	U	0.047	U
HEPTACHLOR	76-44-8	0.04	0.010	U	0.053	U	0.050	U	0.050	U	0.280	U	**0.019**	**J**	0.24	U	0.970	U	0.010	U	0.052	U	0.495	U	0.051	U	0.049	U	0.047	U	0.051	U	0.047	U
TOXAPHENE	8001-35-2	0.06	0.010	U	0.532	U	0.495	U	0.500	U	2.800	U	0.54	U	2.4	U	9.700	U	0.010	U	0.521	U	4.950	U	0.510	U	0.490	U	0.47	U	0.51	U	0.470	U
ALPHA ENDOSULFAN	959-98-8	NS	0.010	U	0.053	U	0.050	U	0.050	U	0.280	U	**0.025**	**J**	0.24	U	0.970	U	0.010	U	0.052	U	0.495	U	0.051	U	0.049	U	0.047	U	0.051	U	0.047	U
Total Pesticides			ND		ND		ND		ND		ND		**0.427**		**0.403**		ND		ND		ND		ND		ND		ND		ND		ND		ND	

Notes:
AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values
Units are micrograms per liter (µg/L)
NS - No Standard or Guidance Value
ND - Non Detectable concentration
U - The compound was not detected at the indicated concentration.
Detected concentrations shown in **bold** font. Shaded cell indicates exceedances of AWQS/GV.
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
* - Instrument QC exceeds control limits.

Appendix B
Historical Groundwater Analytical Summary (2008-2015)
34 Freeman's Bridge Road
Glenville, New York
Site No. 447028
Pesticides

Sample ID			MW-21																											
Sampling Date			3/24/08		8/25/08		6/17/09		9/30/10		1/20/12		5/9/13		6/11/14		11/10/15		MW-21D 3/24/08		8/25/08		6/17/09		9/30/10*		1/20/12		5/9/13		6/11/14		11/10/15	
PESTICIDES	CAS #	AWQS/GV Values																														
HEPTACHLOR EPOXIDE	1024-57-3	0.03	0.010	U	0.052	U	0.053	U	0.050	U	0.049	U	**0.0077**	**J**	0.25	U	0.05	U	0.010	U	0.051	U	0.054	U	0.050	U	0.050	U	0.053	U	0.24	U	0.049	U
ENDOSULFAN SULFATE	1031-07-8	NS	0.010	U	0.103	U	0.105	U	0.100	U	0.049	U	0.050	U	0.25	U	0.05	U	0.010	U	0.102	U	0.109	U	0.100	U	0.050	U	0.053	U	0.24	U	0.049	U
GAMMA-CHLORDANE	12789-03-6	0.5	0.010	U	0.052	U	0.053	U	0.050	U	0.049	U	0.050	U	0.25	U	0.05	U	0.010	U	0.051	U	0.054	U	0.050	U	0.050	U	**0.013**	**J**	0.24	U	0.049	U
ALDRIN	309-00-2	ND	0.010	U	0.052	U	0.053	U	0.050	U	0.049	U	0.050	U	0.25	U	0.05	U	0.010	U	0.051	U	0.054	U	0.050	U	0.050	U	0.053	U	0.24	U	0.049	U
ALPHA-BHC	319-84-6	0.01	0.010	U	0.052	U	0.053	U	0.050	U	0.049	U	**0.010**	**J**	0.25	U	0.011	JB	0.010	U	0.051	U	0.054	U	0.050	U	0.050	U	0.053	U	0.24	U	0.013	JB
BETA-BHC	319-85-7	0.04	0.010	U	0.052	U	0.053	U	0.050	U	0.049	U	0.050	U	0.25	U	0.05	U	0.010	U	0.051	U	0.054	U	0.050	U	0.050	U	0.053	U	0.24	U	0.049	U
DELTA-BHC	319-86-8	0.04	0.010	U	0.052	U	0.053	U	0.050	U	0.049	U	**0.014**	JB	0.25	U	0.05	U	0.010	U	0.051	U	0.054	U	0.050	U	0.050	U	**0.014**	JB	0.24	U	**0.014**	JB
BETA-ENDOSULFAN	33213-65-9	NS	0.010	U	0.103	U	0.105	U	0.100	U	0.049	U	0.050	U	0.25	U	0.05	U	0.010	U	0.102	U	0.109	U	0.100	U	0.050	U	0.053	U	0.24	U	0.049	U
P,P'-DDT	50-29-3	0.2	0.010	U	0.103	U	0.105	U	0.100	U	0.049	U	**0.015**	JB	0.25	U	0.05	U	0.010	U	0.102	U	0.109	U	0.100	U	0.050	U	**0.016**	JB	0.24	U	0.049	U
ALPHA-CHLORDANE	5103-71-9	0.5	0.010	U	0.103	U	0.105	U	0.050	U	0.049	U	0.050	U	0.25	U	0.05	U	0.010	U	0.102	U	0.109	U	0.050	U	0.050	U	0.053	U	0.24	U	0.049	U
ENDRIN KETONE	53494-70-5	5	0.010	U	0.103	U	0.105	U	0.100	U	0.049	U	0.050	U	0.25	U	0.05	U	0.010	U	0.102	U	0.109	U	0.100	U	0.050	U	0.053	U	0.24	U	0.049	U
GAMMA-BHC	58-89-9	0.05	0.010	U	0.052	U	0.053	U	0.050	U	0.049	U	0.050	U	0.25	U	0.05	U	0.010	U	0.051	U	0.054	U	0.050	U	0.050	U	0.053	U	0.24	U	**0.017**	J
DIELDRIN	60-57-1	0.004	0.010	U	0.103	U	0.105	U	0.100	U	0.049	U	0.050	U	0.25	U	0.05	U	0.010	U	0.102	U	0.109	U	0.100	U	0.050	U	0.053	U	0.24	U	0.049	U
ENDRIN	72-20-8	NS	0.010	U	0.103	U	0.105	U	0.100	U	0.049	U	**0.018**	**J**	0.25	U	0.05	U	0.010	U	0.102	U	0.109	U	0.100	U	0.050	U	0.053	U	0.24	U	0.049	U
METHOXYCHLOR	72-43-5	35	0.010	U	0.052	U	0.053	U	0.050	U	0.049	U	0.050	U	0.25	U	**0.210**		0.010	U	0.051	U	0.054	U	0.050	U	0.050	U	0.053	U	0.24	U	**0.018**	J
P,P'-DDD	72-54-8	0.3	0.010	U	0.103	U	0.105	U	0.100	U	0.049	U	0.050	U	0.25	U	0.05	U	0.010	U	0.102	U	0.109	U	0.100	U	0.050	U	0.053	U	0.24	U	0.049	U
P,P'-DDE	72-55-9	0.2	0.010	U	0.103	U	0.105	U	0.100	U	0.049	U	**0.019**	JB	0.25	U	0.05	U	0.010	U	0.102	U	0.109	U	0.100	U	0.050	U	0.053	U	0.24	U	0.049	U
ENDRIN ALDEHYDE	7421-93-4	5	0.010	U	0.103	U	0.105	U	0.100	U	0.049	U	0.050	U	0.25	U	0.05	U	0.010	U	0.102	U	0.109	U	0.100	U	0.050	U	0.053	U	0.24	U	**0.019**	J
HEPTACHLOR	76-44-8	0.04	0.010	U	0.052	U	0.053	U	0.050	U	0.049	U	0.050	U	0.25	U	0.05	U	0.010	U	0.051	U	0.054	U	0.050	U	0.050	U	0.053	U	0.24	U	0.049	U
TOXAPHENE	8001-35-2	0.06	0.010	U	0.515	U	0.526	U	0.500	U	0.490	U	0.50	U	2.5	U	0.5	U	0.010	U	0.51	U	0.543	U	0.500	U	0.500	U	0.53	U	2.4	U	0.490	U
ALPHA ENDOSULFAN	959-98-8	NS	0.010	U	0.052	U	0.053	U	0.050	U	0.049	U	0.050	U	0.25	U	0.05	U	0.010	U	0.051	U	0.054	U	0.050	U	0.050	U	0.053	U	0.24	U	0.049	U
Total Pesticides			ND		ND		ND		ND		ND		**0.084**		ND		**0.221**		ND		ND		ND		ND		ND		**0.043**		ND		**0.081**	

Sample ID			MW-23																											
Sampling Date			3/27/08		8/25/08		6/17/09		9/29/10		1/18/12		5/8/13		6/12/14		11/11/15		MW-23D 4/4/08		8/25/08		6/17/09		9/29/10		1/18/12		5/8/13		6/12/14		11/11/15	
PESTICIDES	CAS #	AWQS/GV Values																														
HEPTACHLOR EPOXIDE	1024-57-3	0.03	0.010	U	0.052	U	0.056	U	0.050	U	0.051	UH	0.49	U	0.050	U	0.050	U	0.010	U	0.051	U	0.053	U	0.050	U	0.052	UH	0.049	U	0.048	U	0.048	U
ENDOSULFAN SULFATE	1031-07-8	NS	0.010	U	0.104	U	0.111	U	0.100	U	0.051	UH	0.49	U	0.050	U	0.050	U	0.010	U	0.102	U	0.106	U	0.100	U	0.052	UH	0.049	U	0.048	U	0.048	U
GAMMA-CHLORDANE	12789-03-6	0.5	0.010	U	0.052	U	0.056	U	0.050	U	0.051	UH	0.49	U	0.050	U	0.050	U	0.010	U	0.051	U	0.053	U	0.050	U	0.052	UH	0.049	U	0.048	U	0.048	U
ALDRIN	309-00-2	ND	0.010	U	0.052	U	0.056	U	0.050	U	0.051	UH	0.49	U	0.050	U	0.050	U	0.010	U	0.051	U	0.053	U	0.050	U	0.052	UH	0.049	U	0.048	U	0.048	U
ALPHA-BHC	319-84-6	0.01	0.010	U	0.052	U	0.056	U	0.050	U	0.051	UH	0.49	U	**0.012**	**JB**	0.050	U	0.010	U	0.051	U	0.053	U	0.050	U	0.052	UH	0.049	U	0.048	U	0.048	U
BETA-BHC	319-85-7	0.04	0.010	U	0.052	U	0.056	U	0.050	U	0.051	UH	0.49	U	0.050	U	0.050	U	0.010	U	0.051	U	0.053	U	0.050	U	0.052	UH	0.049	U	0.048	U	0.048	U
DELTA-BHC	319-86-8	0.04	0.010	U	0.052	U	0.056	U	0.050	U	0.051	UH	0.49	U	0.050	U	0.050	U	0.010	U	0.051	U	0.053	U	0.050	U	0.052	UH	**0.011**	**JB**	**0.012**	**J**	0.048	U
BETA-ENDOSULFAN	33213-65-9	NS	0.010	U	0.104	U	0.111	U	0.100	U	0.051	UH	0.49	U	0.050	U	0.050	U	0.010	U	0.102	U	0.106	U	0.100	U	0.052	UH	0.049	U	0.048	U	0.048	U
P,P'-DDT	50-29-3	0.2	0.010	U	0.104	U	0.111	U	0.100	U	0.051	UH	**0.14**	**J**	**0.011**	**J**	0.050	U	0.010	U	0.102	U	0.106	U	0.100	U	0.052	UH	0.049	U	0.048	U	0.048	U
ALPHA-CHLORDANE	5103-71-9	0.5	0.010	U	0.104	U	0.111	U	0.050	U	0.051	UH	0.49	U	0.050	U	0.050	U	0.010	U	0.102	U	0.106	U	0.050	U	0.052	UH	0.049	U	0.048	U	0.048	U
ENDRIN KETONE	53494-70-5	5	0.010	U	0.104	U	0.111	U	0.100	U	0.051	UH	0.49	U	0.050	U	0.050	U	0.010	U	0.102	U	0.106	U	0.100	U	0.052	UH	0.049	U	0.048	U	0.048	U
GAMMA-BHC	58-89-9	0.05	0.010	U	0.052	U	0.056	U	0.050	U	0.051	UH	**0.11**	**J**	**0.013**	**JB**	0.050	U	0.010	U	0.051	U	0.053	U	0.050	U	0.052	UH	0.049	U	**0.0085**	**JB**	0.048	U
DIELDRIN	60-57-1	0.004	0.010	U	0.104	U	0.111	U	0.100	U	0.051	UH	0.49	U	0.050	U	**0.016**	**J**	0.010	U	0.102	U	0.106	U	0.100	U	0.052	UH	0.049	U	0.048	U	0.048	U
ENDRIN	72-20-8	NS	0.010	U	0.104	U	0.111	U	0.100	U	0.051	UH	0.49	U	0.050	U	0.050	U	0.010	U	0.102	U	0.106	U	0.100	U	0.052	UH	0.049	U	0.048	U	0.048	U
METHOXYCHLOR	72-43-5	35	0.010	U	0.052	U	0.056	U	0.050	U	0.051	UH	0.49	U	0.050	U	0.050	U	0.010	U	0.051	U	0.053	U	0.050	U	0.052	UH	0.049	U	0.048	U	0.048	U
P,P'-DDD	72-54-8	0.3	0.010	U	0.104	U	0.111	U	0.100	U	**0.018**	**JH**	**0.10**	**J**	**0.0098**	**J**	0.050	U	0.010	U	0.102	U	0.106	U	0.100	U	0.052	UH	0.049	U	0.048	U	0.048	U
P,P'-DDE	72-55-9	0.2	0.010	U	0.104	U	0.111	U	0.100	U	0.051	UH	0.49	U	0.050	U	0.050	U	0.010	U	0.102	U	0.106	U	0.100	U	0.052	UH	0.049	U	0.048	U	0.048	U
ENDRIN ALDEHYDE	7421-93-4	5	0.010	U	0.104	U	0.111	U	0.100	U	0.051	UH	0.49	U	0.050	U	0.050	U	0.010	U	0.102	U	0.106	U	0.100	U	0.052	UH	0.049	U	0.048	U	0.048	U
HEPTACHLOR	76-44-8	0.04	0.010	U	0.052	U	0.056	U	0.050	U	0.051	UH	0.49	U	0.050	U	0.050	U	0.010	U	0.051	U	0.053	U	0.050	U	0.052	UH	0.049	U	0.048	U	0.048	U
TOXAPHENE	8001-35-2	0.06	0.010	U	0.521	U	0.556	U	0.500	U	0.510	UH	0.49	U	0.50	U	0.500	U	0.010	U	0.510	U	0.532	U	0.500	U	0.520	UH	0.49	U	0.48	U	0.480	U
ALPHA ENDOSULFAN	959-98-8	NS	0.010	U	0.052	U	0.056	U	0.050	U	0.051	UH	0.49	U	0.050	U	0.050	U	0.010	U	0.051	U	0.053	U	0.050	U	0.052	UH	0.049	U	0.048	U	0.048	U
Total Pesticides			ND		ND		ND		ND		**0.018**		**0.35**		**0.046**		**0.016**		ND		ND		ND		ND		ND		**0.011**		**0.021**		ND	

Notes:
AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values
Units are micrograms per liter (µg/L)
NS - No Standard or Guidance Value
ND - Non Detectable concentration
U - The compound was not detected at the indicated concentration.
Detected concentrations shown in **bold** font. Shaded cell indicates exceedances of AWQS/GV.
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
* - Instrument QC exceeds control limits.

Appendix B
Historical Groundwater Analytical Summary (2008-2015)
34 Freeman's Bridge Road
Glenville, New York
Site No. 447028
Pesticides

Sample ID			MW-30														MW-31													
Sampling Date			3/25/08		8/26/08		6/19/09		9/30/10		1/20/12		5/9/13		6/11/14		11/11/15		3/25/08		8/26/08		6/19/09		9/30/10		1/20/12		5/9/13		6/12/14		11/10/15	
PESTICIDES	CAS #	AWQS/GV Values																																
HEPTACHLOR EPOXIDE	1024-57-3	0.03	0.010	U	0.053	U	0.050	U	0.050	U	0.052	U	0.056	U	0.24	U	0.048	U	0.01	U	0.052	U	0.050	U	0.050	U	0.051	U	**0.0073**	**J**	0.050	U	0.047	U
ENDOSULFAN SULFATE	1031-07-8	NS	0.010	U	0.105	U	0.100	U	0.100	U	0.052	U	0.056	U	0.24	U	0.048	U	0.01	U	0.104	U	0.101	U	0.101	U	0.051	U	0.055	U	0.050	U	0.047	U
GAMMA-CHLORDANE	12789-03-6	0.5	0.010	U	0.053	U	0.050	U	0.050	U	0.052	U	**0.018**	**J**	0.24	U	0.048	U	0.01	U	0.052	U	0.101	U	0.050	U	0.051	U	**0.018**	**J**	0.050	U	0.047	U
ALDRIN	309-00-2	ND	0.010	U	0.053	U	0.050	U	0.050	U	0.052	U	**0.012**	**J**	0.24	U	0.048	U	0.01	U	0.052	U	0.050	U	0.050	U	0.051	U	0.055	U	0.050	U	0.047	U
ALPHA-BHC	319-84-6	0.01	0.010	U	0.053	U	0.050	U	0.050	U	**0.031**	**J**	**0.012**	**J**	**0.089**	**J**	0.048	U	0.01	U	0.052	U	0.050	U	0.050	U	0.051	U	**0.012**	**J**	0.050	U	**0.012**	**JB**
BETA-BHC	319-85-7	0.04	0.010	U	0.053	U	0.050	U	0.050	U	0.052	U	0.056	U	**0.14**	**J**	0.048	U	0.01	U	0.052	U	0.050	U	0.050	U	0.051	U	0.055	U	0.050	U	0.047	U
DELTA-BHC	319-86-8	0.04	0.010	U	0.053	U	0.050	U	0.050	U	0.052	U	**0.016**	**JB**	0.24	U	0.048	U	0.01	U	0.052	U	0.050	U	0.050	U	0.051	U	**0.014**	**JB**	0.050	U	**0.012**	**JB**
BETA-ENDOSULFAN	33213-65-9	NS	0.010	U	0.105	U	0.100	U	0.100	U	0.052	U	0.056	U	0.24	U	0.048	U	0.01	U	0.104	U	0.101	U	0.101	U	0.051	U	0.055	U	0.050	U	0.047	U
P,P'-DDT	50-29-3	0.2	0.010	U	0.105	U	0.100	U	0.100	U	0.052	U	0.056	U	**0.081**	**J**	0.048	U	0.01	U	0.104	U	0.101	U	0.101	U	0.051	U	0.055	U	0.050	U	0.047	U
ALPHA-CHLORDANE	5103-71-9	0.5	0.010	U	0.105	U	0.100	U	0.050	U	0.052	U	0.056	U	0.24	U	0.048	U	0.01	U	0.104	U	0.101	U	0.050	U	0.051	U	0.055	U	0.050	U	0.047	U
ENDRIN KETONE	53494-70-5	5	0.010	U	0.105	U	0.100	U	0.100	U	0.052	U	0.056	U	0.24	U	0.048	U	0.01	U	0.104	U	0.101	U	0.101	U	0.051	U	0.055	U	0.050	U	0.047	U
GAMMA-BHC	58-89-9	0.05	0.010	U	0.053	U	0.050	U	0.050	U	0.052	U	0.056	U	0.24	U	0.048	U	0.01	U	0.052	U	0.050	U	0.050	U	0.051	U	0.055	U	0.050	U	0.047	U
DIELDRIN	60-57-1	0.004	0.010	U	0.105	U	0.100	U	0.100	U	0.052	U	**0.011**	**J**	0.24	U	0.048	U	0.01	U	0.104	U	0.101	U	0.101	U	0.051	U	**0.011**	**J**	0.050	U	0.047	U
ENDRIN	72-20-8	NS	0.010	U	0.105	U	0.100	U	0.100	U	0.052	U	**0.026**	**J**	0.24	U	0.048	U	0.01	U	0.104	U	0.101	U	0.101	U	0.051	U	**0.023**	**J**	0.050	U	0.047	U
METHOXYCHLOR	72-43-5	35	0.010	U	0.053	U	0.050	U	0.050	U	0.052	U	0.056	U	0.24	U	0.048	U	0.01	U	0.052	U	0.050	U	0.050	U	0.051	U	0.055	U	0.050	U	0.047	U
P,P'-DDD	72-54-8	0.3	0.010	U	0.105	U	0.100	U	0.100	U	0.052	U	**0.014**	**J**	0.24	U	0.048	U	0.01	U	0.104	U	0.101	U	0.101	U	0.051	U	**0.012**	**J**	0.050	U	0.047	U
P,P'-DDE	72-55-9	0.2	0.010	U	0.105	U	0.100	U	0.100	U	0.052	U	**0.018**	**JB**	0.24	U	0.048	U	0.01	U	0.104	U	0.101	U	0.101	U	0.051	U	**0.018**	**JB**	0.050	U	0.047	U
ENDRIN ALDEHYDE	7421-93-4	5	0.010	U	0.105	U	0.100	U	0.100	U	0.052	U	0.056	U	0.24	U	0.048	U	0.01	U	0.104	U	0.101	U	0.101	U	0.051	U	0.055	U	0.050	U	0.047	U
HEPTACHLOR	76-44-8	0.04	0.010	U	0.053	U	0.050	U	0.050	U	0.052	U	**0.011**	**J**	0.24	U	0.048	U	0.01	U	0.052	U	0.050	U	0.050	U	0.051	U	0.055	U	0.050	U	0.047	U
TOXAPHENE	8001-35-2	0.06	0.010	U	0.526	U	0.500	U	0.500	U	0.520	U	0.56	U	2.4	U	0.480	U	0.01	U	0.521	U	0.505	U	0.505	U	0.510	U	0.55	U	0.50	U	0.470	U
ALPHA ENDOSULFAN	959-98-8	NS	0.010	U	0.053	U	0.050	U	0.050	U	0.052	U	0.056	U	0.24	U	0.048	U	0.01	U	0.052	U	0.050	U	0.050	U	0.051	U	0.055	U	0.050	U	0.047	U
Total Pesticides			ND		ND		ND		ND		**0.031**		**0.138**		**0.310**		ND		ND		ND		ND		ND		ND		**0.115**		ND		**0.024**	

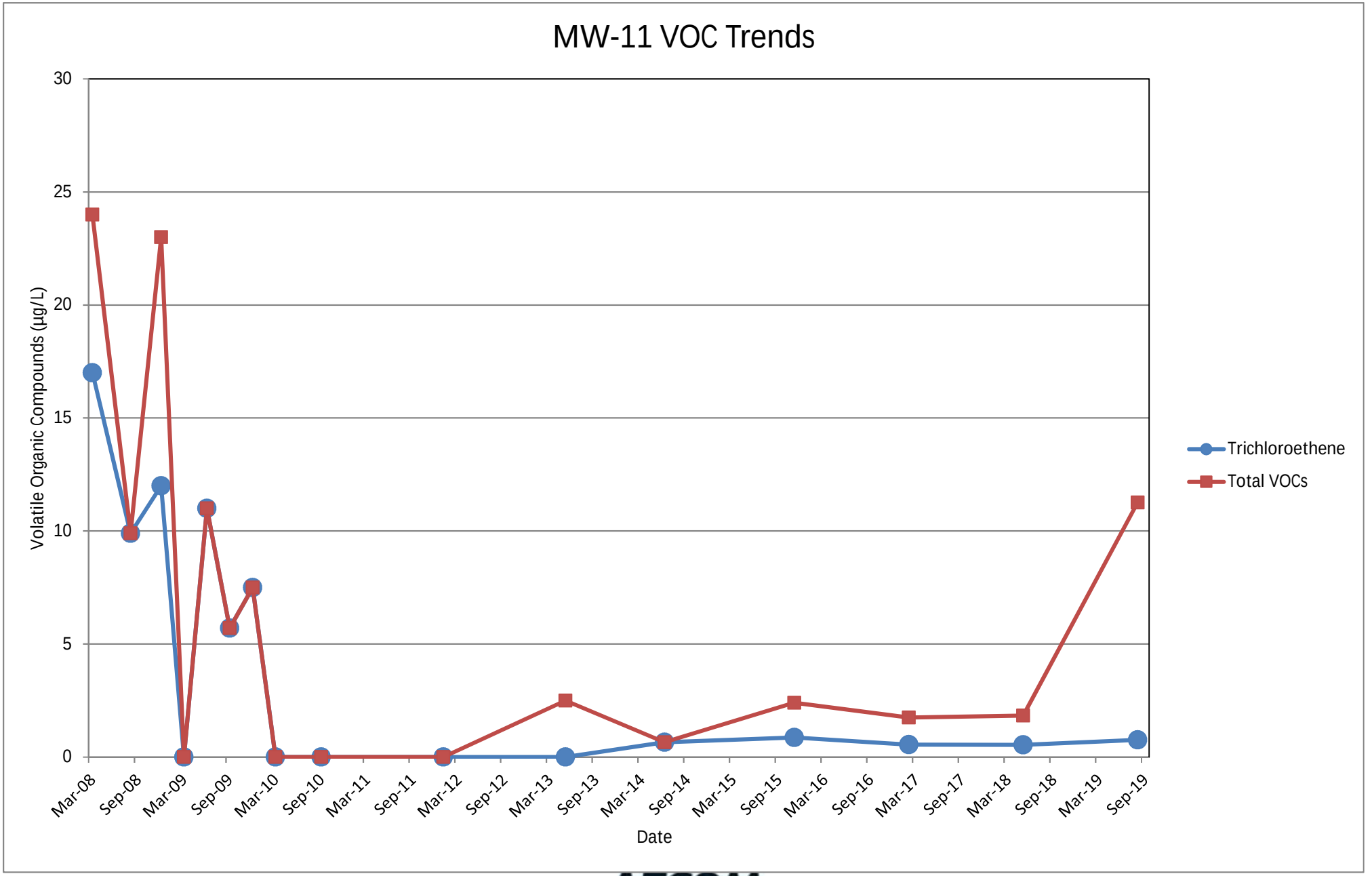
Sample ID			MW-32														MW-33													
Sampling Date			3/27/08		8/26/08		6/19/09		9/30/10		1/19/12		5/10/13		6/12/14		11/11/15		3/26/08		8/26/08		6/17/09		9/29/10		1/19/12		5/10/13		6/12/14		11/12/15	
PESTICIDES	CAS #	AWQS/GV Values																																
HEPTACHLOR EPOXIDE	1024-57-3	0.03	0.010	U	0.052	U	0.051	U	0.051	U	0.052	U	0.050	U	0.052	U	0.049	U	0.010	U	0.053	U	0.054	U	0.054	U	0.055	U	0.049	U	0.049	U	0.24	U
ENDOSULFAN SULFATE	1031-07-8	NS	0.010	U	0.104	U	0.102	U	0.102	U	0.052	U	0.050	U	0.052	U	**0.015**	**J**	0.010	U	0.106	U	0.109	U	0.108	U	0.055	U	0.049	U	0.049	U	0.24	U
GAMMA-CHLORDANE	12789-03-6	0.5	0.010	U	0.052	U	0.102	U	0.051	U	0.052	U	0.050	U	0.052	U	0.049	U	0.010	U	0.053	U	0.054	U	0.054	U	0.055	U	**0.012**	**J**	0.049	U	0.24	U
ALDRIN	309-00-2	ND	0.010	U	0.052	U	0.051	U	0.051	U	0.052	U	0.050	U	0.052	U	0.049	U	0.010	U	0.053	U	0.054	U	0.054	U	0.055	U	**0.0081**	**J**	0.049	U	0.24	U
ALPHA-BHC	319-84-6	0.01	0.010	U	0.052	U	0.051	U	0.051	U	0.052	U	**0.028**	**J**	0.052	U	0.049	U	0.010	U	0.053	U	0.054	U	0.054	U	0.055	U	**0.0098**	**J**	**0.0099**	**JB**	**0.055**	**JB**
BETA-BHC	319-85-7	0.04	0.010	U	0.052	U	0.051	U	0.051	U	0.052	U	0.050	U	0.052	U	0.049	U	0.010	U	0.053	U	0.054	U	0.054	U	0.055	U	0.049	U	0.049	U	0.24	U
DELTA-BHC	319-86-8	0.04	0.010	U	0.052	U	0.051	U	0.051	U	0.052	U	**0.22**	**B**	**0.025**	**J**	0.049	U	0.010	U	0.053	U	0.054	U	0.054	U	0.055	U	**0.011**	**JB**	**0.010**	**J**	0.24	U
BETA-ENDOSULFAN	33213-65-9	NS	0.010	U	0.104	U	0.102	U	0.102	U	0.052	U	0.050	U	0.052	U	0.049	U	0.010	U	0.106	U	0.109	U	0.108	U	0.055	U	0.049	U	0.049	U	0.24	U
P,P'-DDT	50-29-3	0.2	0.010	U	0.104	U	0.102	U	0.102	U	0.052	U	**0.015**	**JB**	**0.013**	**J**	**0.012**	**J**	0.010	U	0.106	U	0.109	U	0.108	U	0.055	U	0.049	U	**0.011**	**J**	0.24	U
ALPHA-CHLORDANE	5103-71-9	0.5	0.010	U	0.104	U	0.102	U	0.051	U	0.052	U	0.050	U	0.052	U	0.049	U	0.010	U	0.106	U	0.109	U	0.054	U	0.055	U	0.049	U	0.049	U	0.24	U
ENDRIN KETONE	53494-70-5	5	0.010	U	0.104	U	0.102	U	0.102	U	0.052	U	0.050	U	**0.017**	**J**	0.049	U	0.010	U	0.106	U	0.109	U	0.108	U	0.055	U	0.049	U	0.049	U	0.24	U
GAMMA-BHC	58-89-9	0.05	0.010	U	0.052	U	0.051	U	0.051	U	0.052	U	0.050	U	0.052	U	0.049	U	0.010	U	0.053	U	0.054	U	0.054	U	0.055	U	0.049	U	**0.0094**	**JB**	0.24	U
DIELDRIN	60-57-1	0.004	0.010	U	0.104	U	0.102	U	0.102	U	0.052	U	0.050	U	0.052	U	**0.017**	**J**	0.010	U	0.106	U	0.109	U	0.108	U	0.055	U	0.049	U	0.049	U	0.24	U
ENDRIN	72-20-8	NS	0.010	U	0.104	U	0.102	U	0.102	U	0.052	U	**0.018**	**J**	0.052	U	0.049	U	0.010	U	0.106	U	0.109	U	0.108	U	0.055	U	0.049	U	0.049	U	0.24	U
METHOXYCHLOR	72-43-5	35	0.010	U	0.052	U	0.051	U	0.051	U	0.052	U	0.050	U	0.052	U	0.049	U	0.010	U	0.053	U	0.054	U	0.054	U	0.055	U	0.049	U	0.049	U	0.24	U
P,P'-DDD	72-54-8	0.3	0.010	U	0.104	U	0.102	U	0.102	U	0.052	U	0.050	U	0.052	U	0.049	U	0.010	U	0.106	U	0.109	U	0.108	U	0.055	U	**0.010**	**J**	0.049	U	0.24	U
P,P'-DDE	72-55-9	0.2	0.010	U	0.104	U	0.102	U	0.102	U	0.052	U	**0.015**	**JB**	**0.017**	**J**	0.049	U	0.010	U	0.106	U	0.109	U	0.108	U	0.055	U	0.049	U	**0.012**	**J**	0.24	U
ENDRIN ALDEHYDE	7421-93-4	5	0.010	U	0.104	U	0.102	U	0.102	U	0.052	U	0.050	U	0.052	U	0.049	U	0.010	U	0.106	U	0.109	U	0.108	U	0.055	U	0.049	U	0.049	U	0.24	U
HEPTACHLOR	76-44-8	0.04	0.010	U	0.052	U	0.051	U	0.051	U	0.052	U	0.050	U	0.052	U	0.049	U	0.010	U	0.053	U	0.054	U	0.054	U	0.055	U	0.049	U	0.049	U	0.24	U
TOXAPHENE	8001-35-2	0.06	0.010	U	0.521	U	0.510	U	0.510	U	0.520	U	0.50	U	0.52	U	0.490	U	0.010	U	0.532	U	0.543	U	0.538	U	0.550	U	0.49	U	0.49	U	2.4	U
ALPHA ENDOSULFAN	959-98-8	NS	0.010	U	0.052	U	0.051	U	0.051	U	0.052	U	0.050	U	0.052	U	0.049	U	0.010	U	0.053	U	0.054	U	0.054	U	0.055	U	0.049	U	0.049	U	0.24	U
Total Pesticides			ND		ND		ND		ND		ND		**0.296**		**0.072**		**0.044**		ND		ND		ND		ND		ND		**0.051**		**0.052**		**0.055**	

Notes:
AWQS/GV - New York State Ambient Water Quality Standards (TOGs 1.1.1) and Guidance Values
Units are micrograms per liter (µg/L)
NS - No Standard or Guidance Value
ND - Non Detectable concentration
U - The compound was not detected at the indicated concentration.
Detected concentrations shown in **bold** font. Shaded cell indicates exceedances of AWQS/GV.
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
* - Instrument QC exceeds control limits.

Appendix C

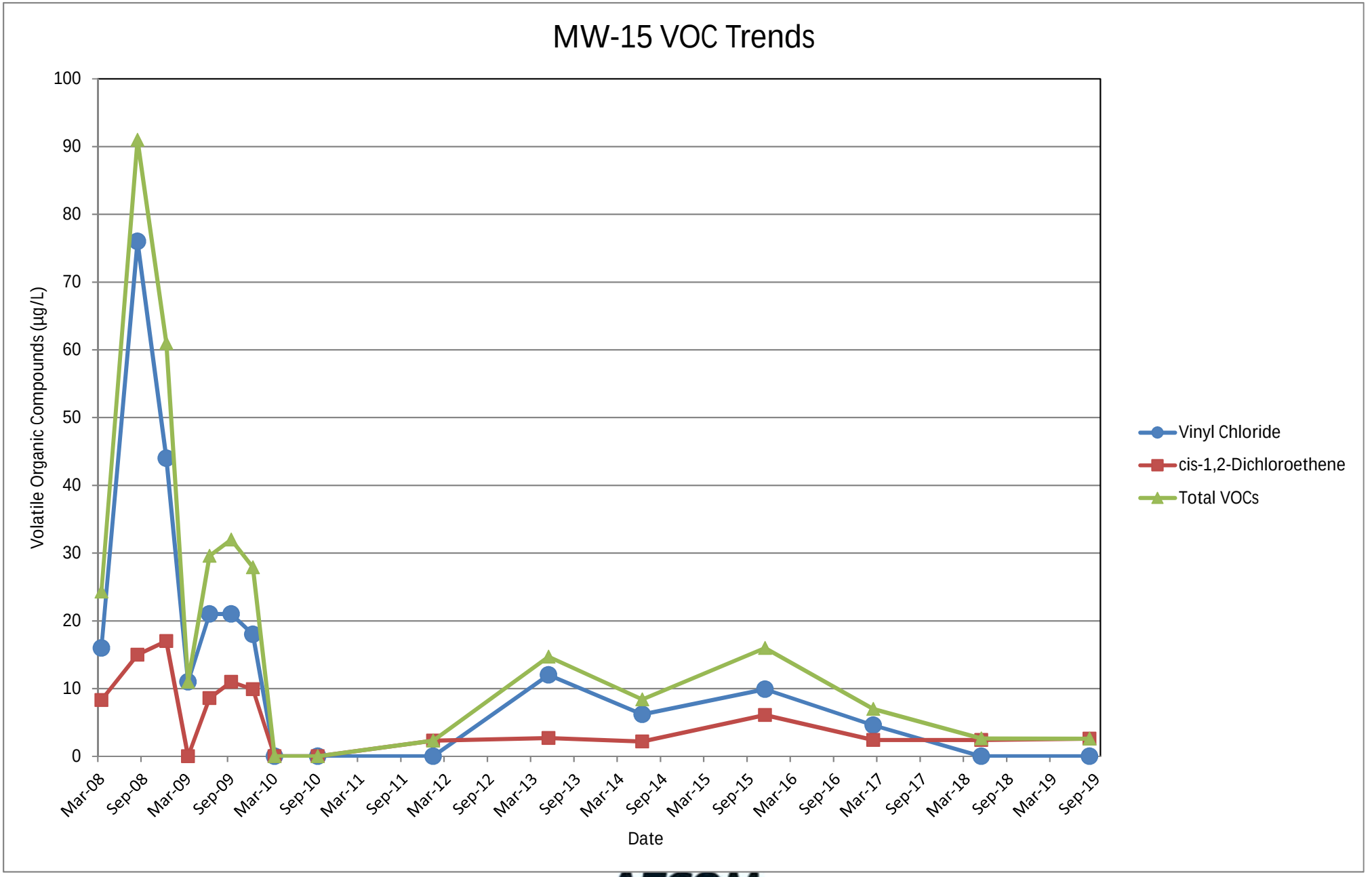
Graphs of Concentration Trends - VOCs and SVOCs

34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028
August 2019



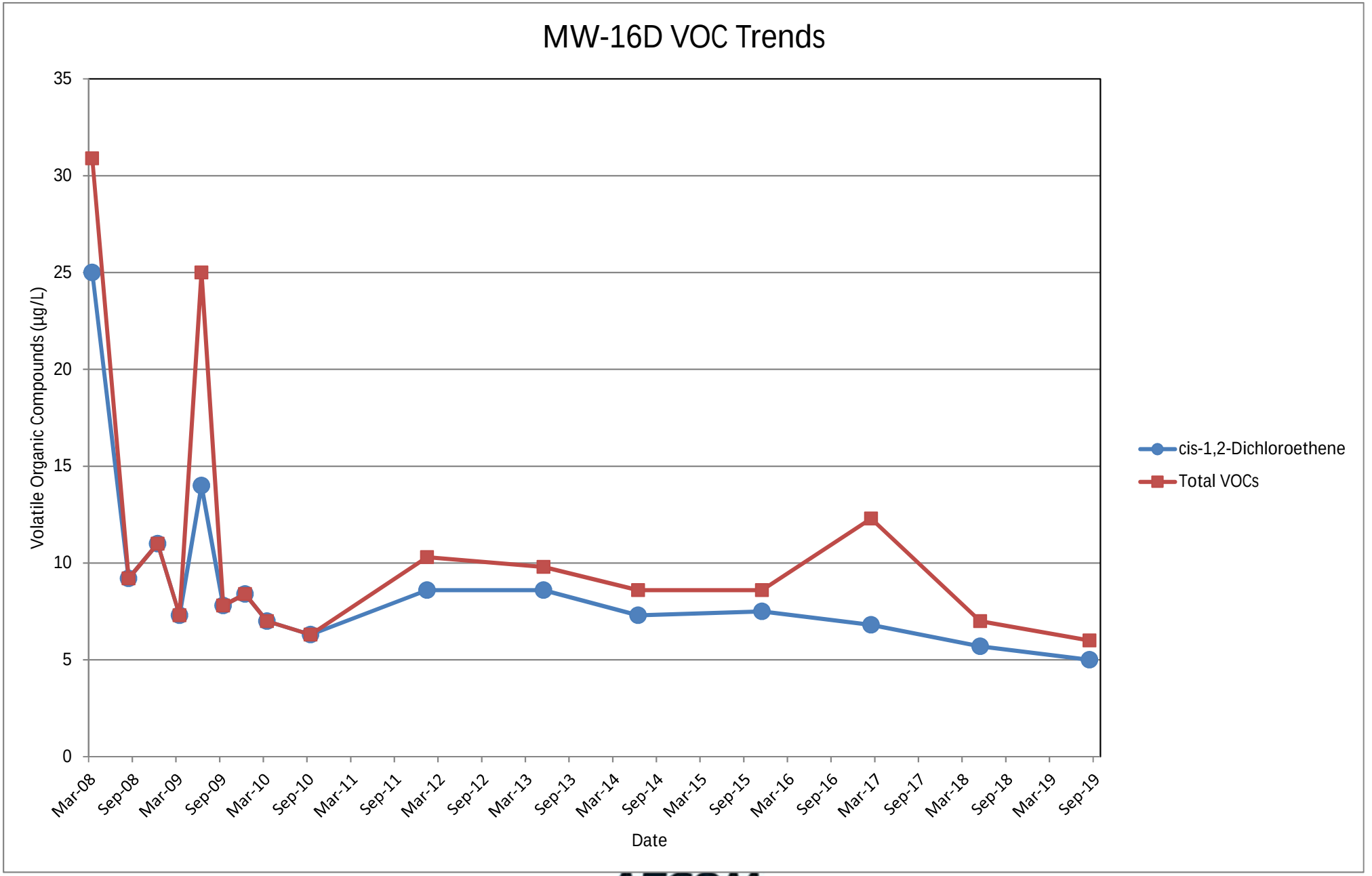
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34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028
August 2019



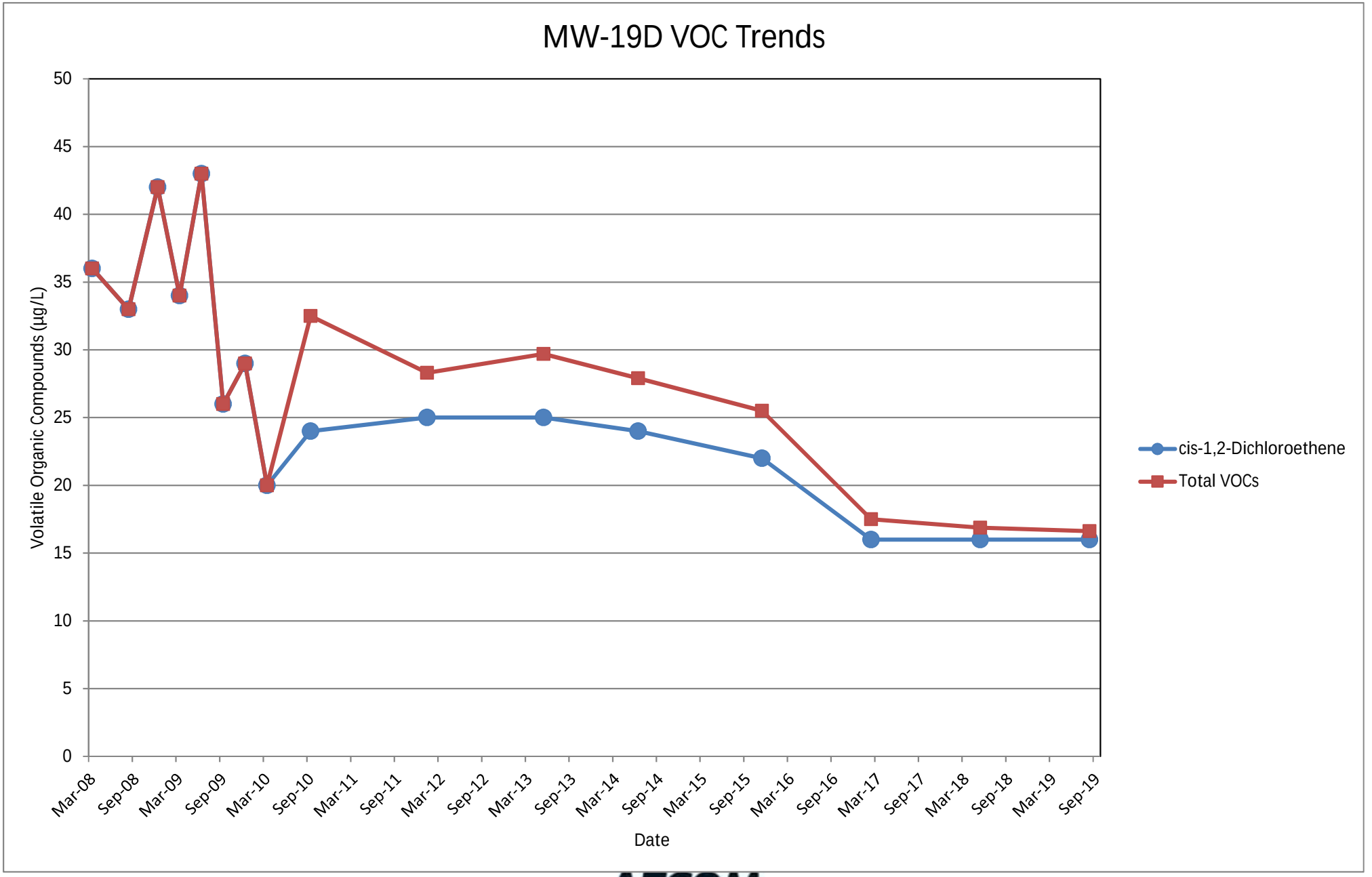
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NYSDEC Site No. 447028
August 2019



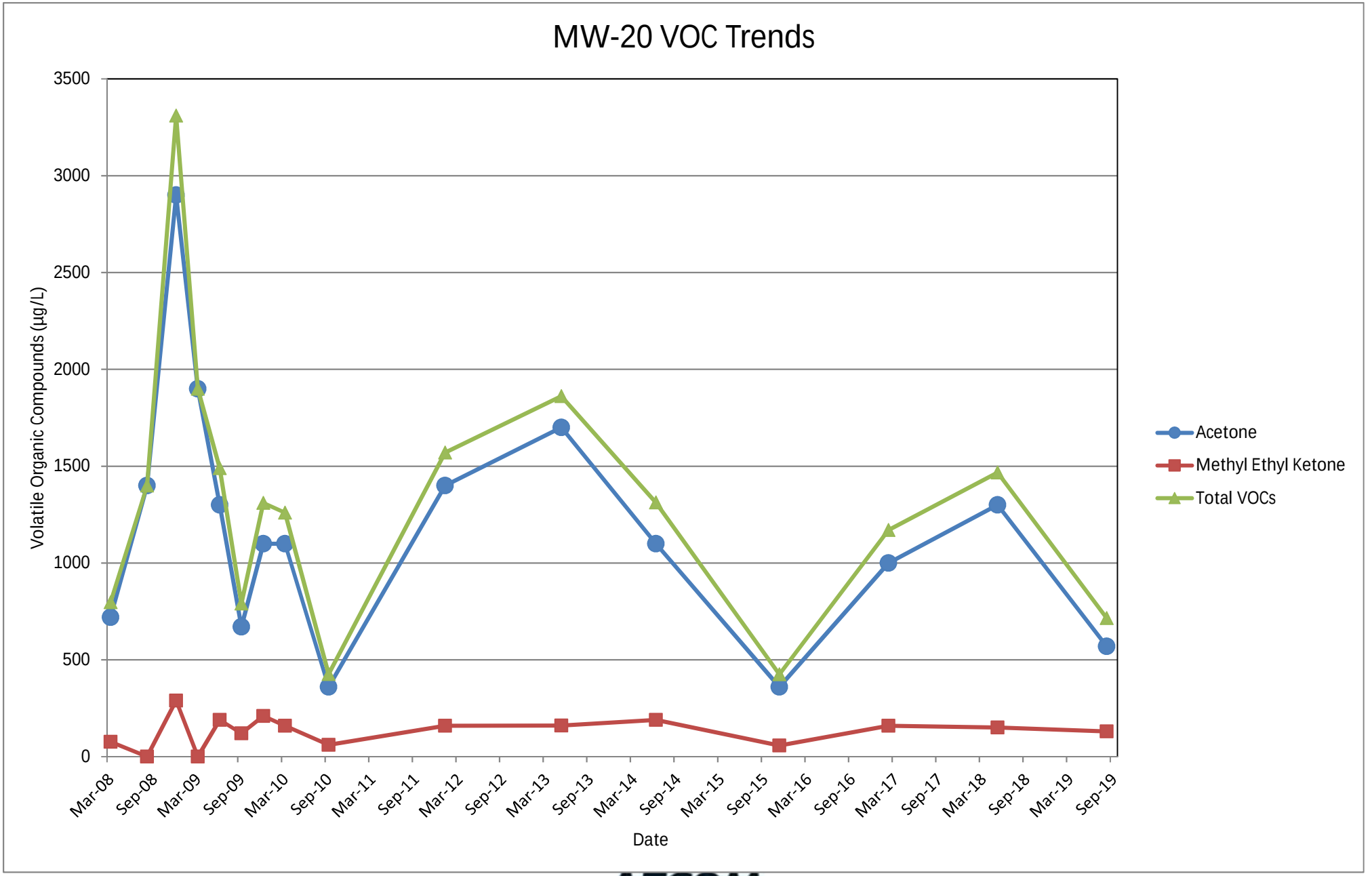
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34 Freeman's Bridge Road
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NYSDEC Site No. 447028
August 2019



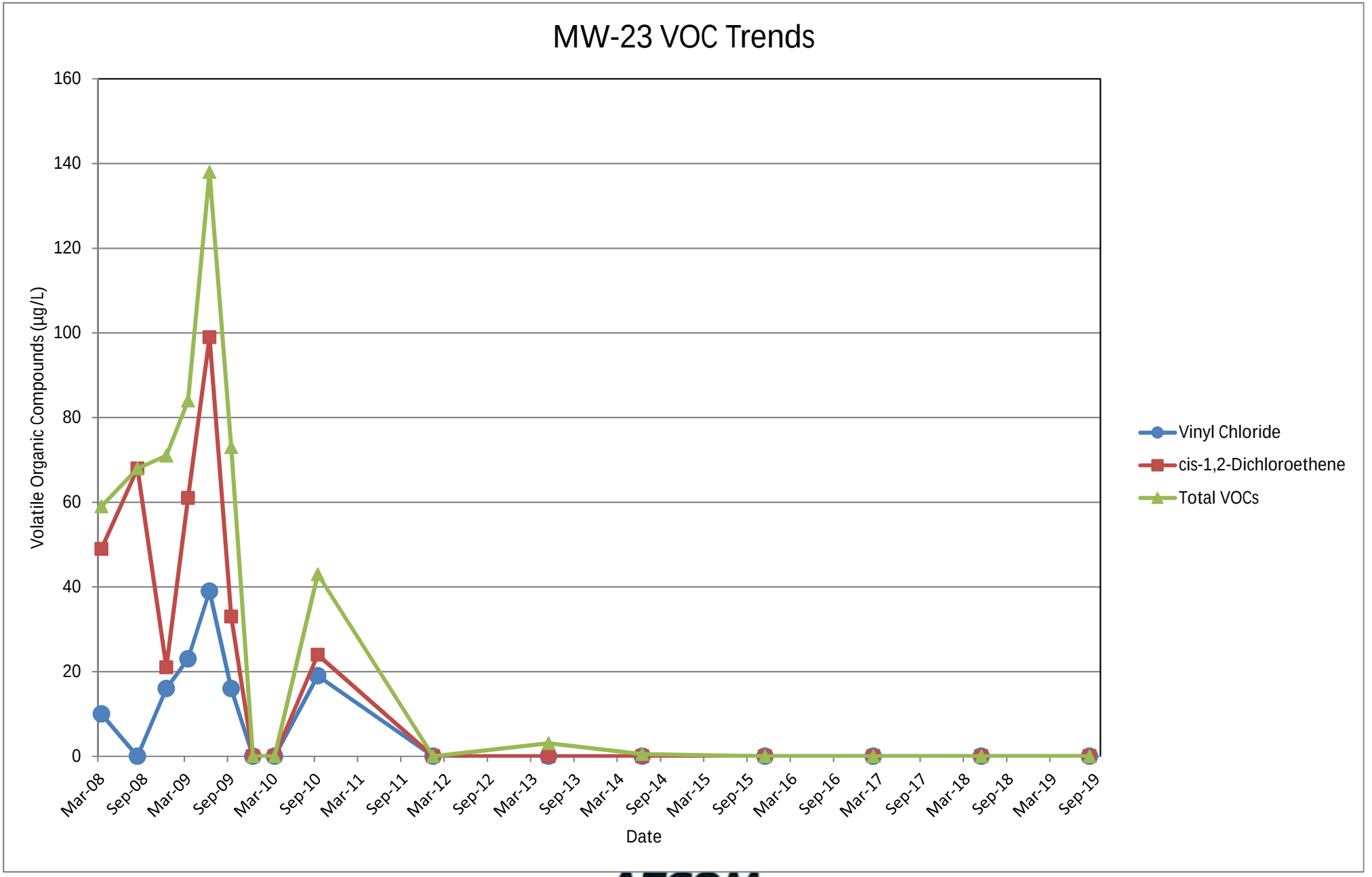
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Glenville, New York
NYSDEC Site No. 447028
August 2019



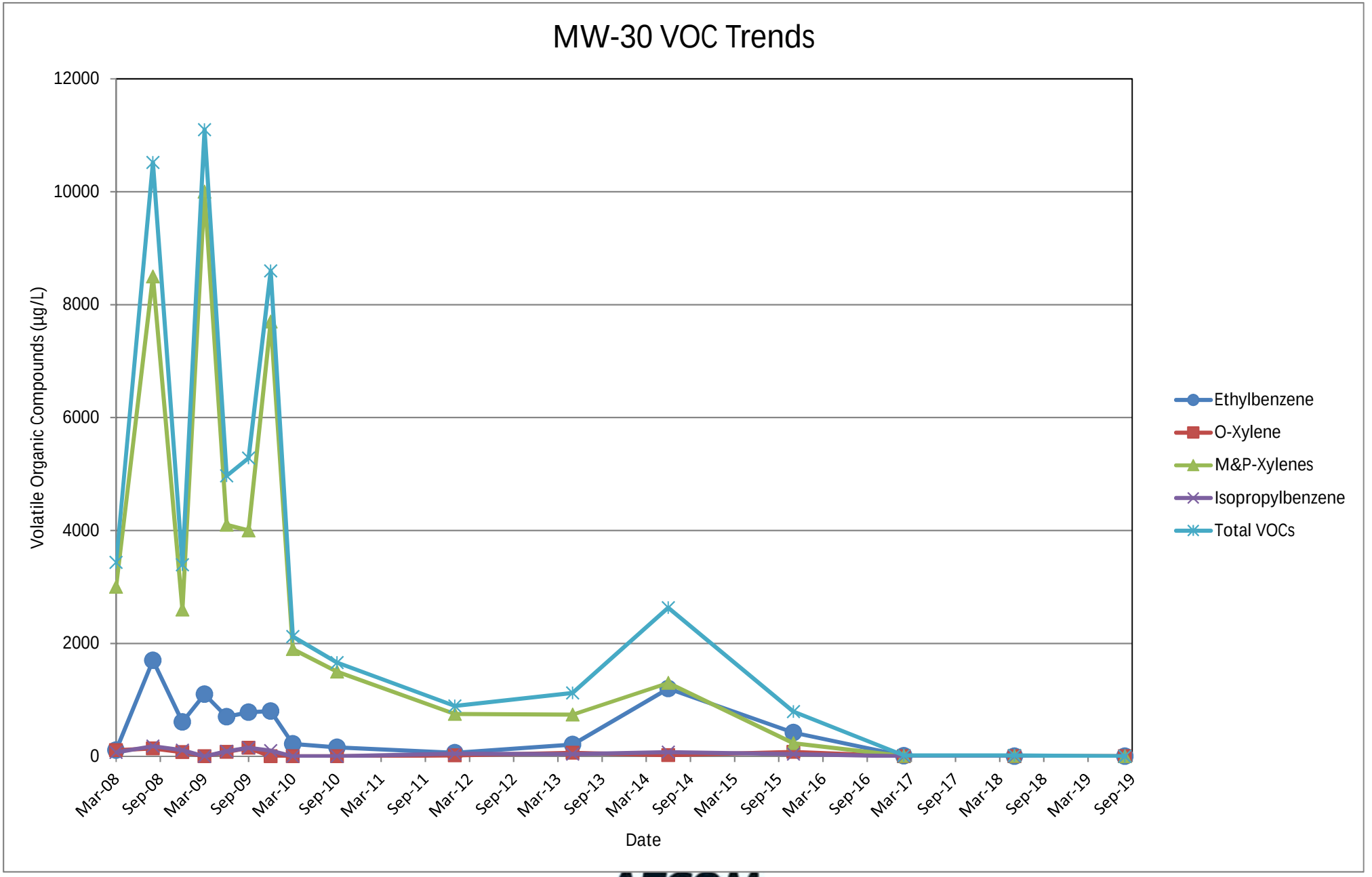
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34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028
August 2019



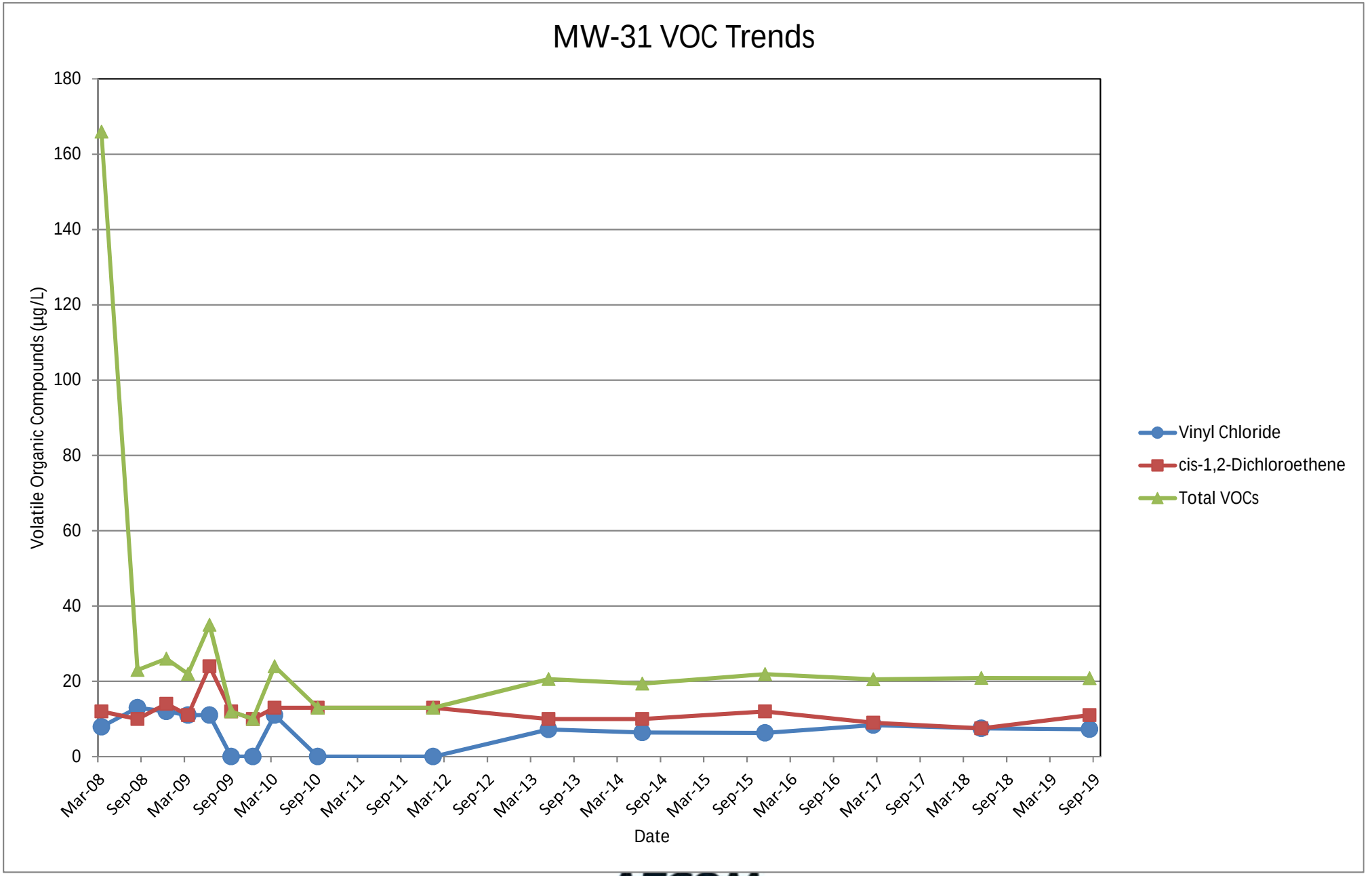
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Glenville, New York
NYSDEC Site No. 447028
August 2019



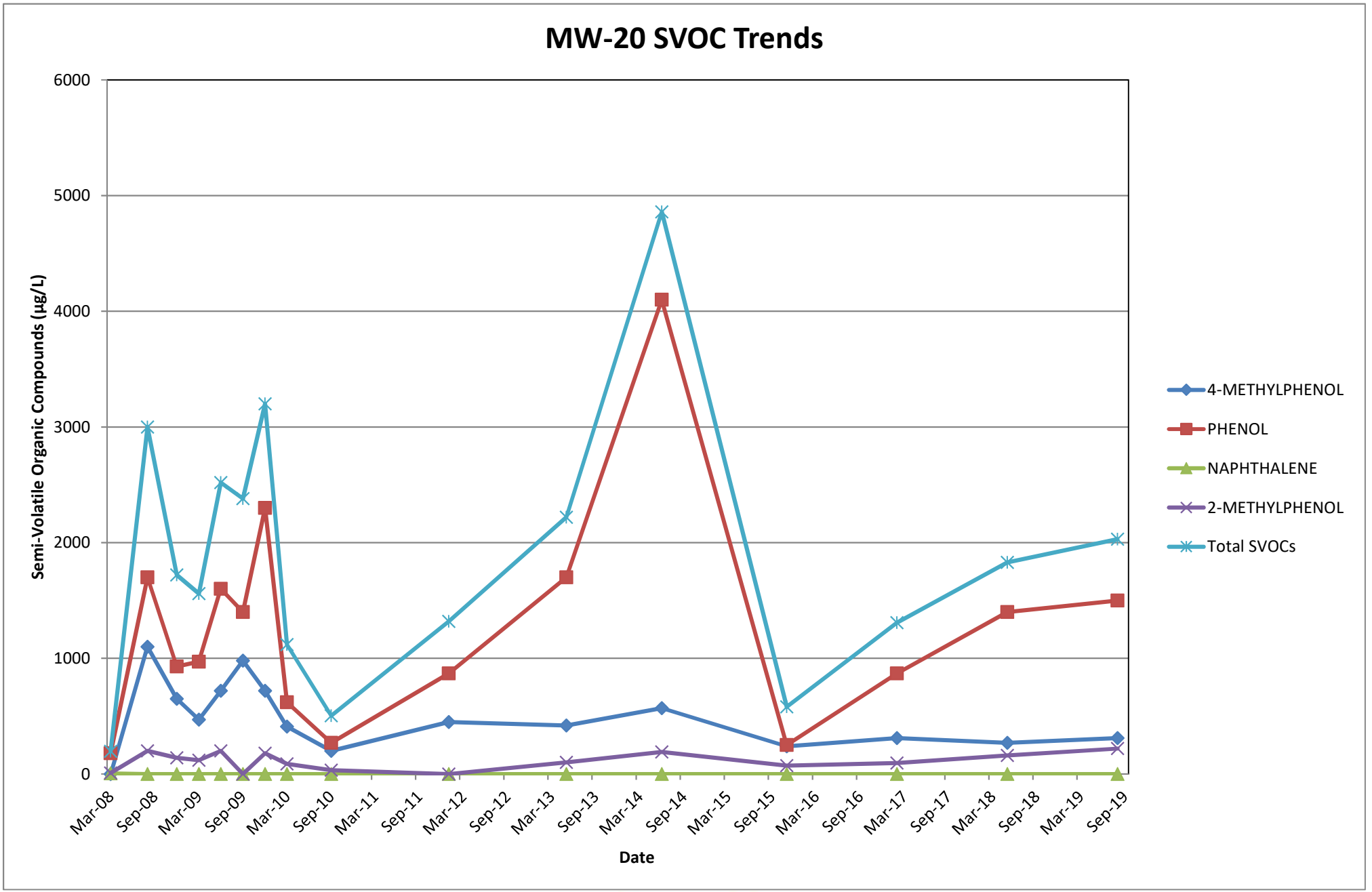
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34 Freeman's Bridge Road
Glenville, New York
NYSDEC Site No. 447028
August 2019



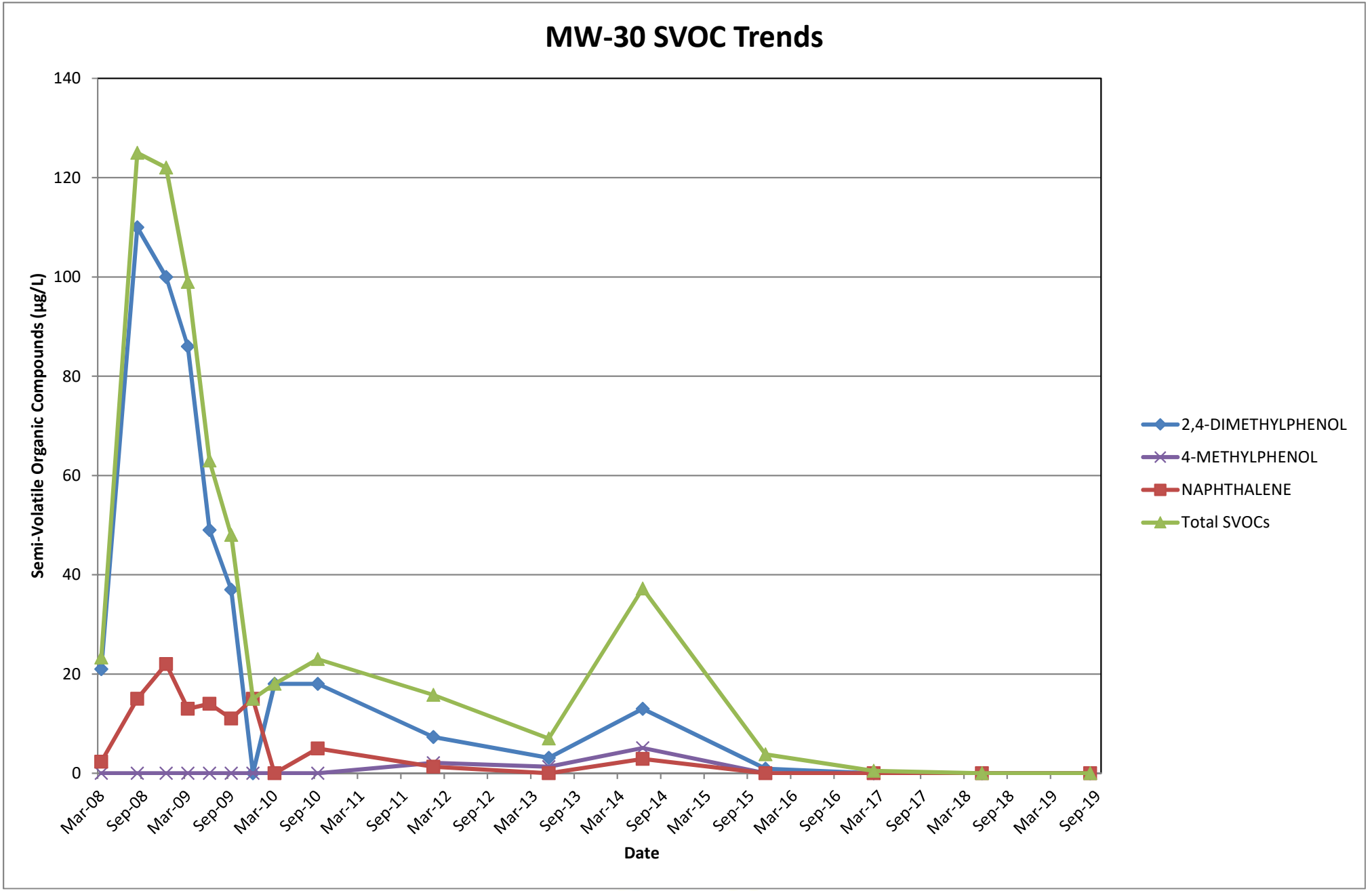
AECOM

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August 2019



AECOM

Appendix D

August 2019 Laboratory Analytical Report

eurofins | Environment Testing TestAmerica



ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-158459-1
Client Project/Site: 34 Freeman's Bridge Rd. #447028

For:
New York State D.E.C.
625 Broadway 9th Floor
Albany, New York 12233-7258

Attn: George Momberger

Joseph V. Giacomazza

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9/13/2019 3:06:00 PM
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LINKS

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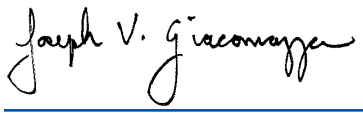
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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Joe Giacomazza
Project Management Assistant II
9/13/2019 3:06:00 PM

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 6
Detection Summary 9
Client Sample Results 19
Surrogate Summary 130
Isotope Dilution Summary 134
QC Sample Results 137
QC Association Summary 173
Lab Chronicle 184
Certification Summary 195
Method Summary 196
Sample Summary 197
Chain of Custody 198
Receipt Checklists 205

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate is outside control limits

GC Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
B	Compound was found in the blank and sample.
H	Sample was prepped or analyzed beyond the specified holding time
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate is outside control limits

LCMS

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*	Isotope Dilution analyte is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD Recovery is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL. The data are considered valid because the absolute difference is less than the RL.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-158459-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-158459-1

Comments
No additional comments.

Receipt
The samples were received on 8/30/2019 8:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 9 coolers at receipt time were 1.0º C, 1.1º C, 1.4º C, 1.6º C, 1.7º C, 2.0º C, 2.3º C, 2.4º C and 2.7º C.

GC/MS VOA
Method(s) 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: MW-33 (480-158459-7) and DUP (480-158459-8). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-490509 recovered outside acceptance criteria, low biased, for 1,2,4-Trichlorobenzene. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. The following samples are impacted:MW-11 (480-158459-9) and MW-16 082719 (480-158459-11).

Method(s) 8260C: The Laboratory Control Sample (LCS) was outside laboratory/project quality control limits for the following analyte: 1,2,4-Trichlorobenzene. All other spike recoveries and quality control indicators, including sample specific surrogate recoveries, were acceptable. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. The following samples are impacted: MW-11 (480-158459-9) and MW-16 082719 (480-158459-11).

Method(s) 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: MW-16 082719 (480-158459-11). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: MW-20 (480-158459-6), MW-31 (480-158459-16), (480-158459-K-6 MS) and (480-158459-K-6 MSD). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: MW-32 (480-158459-5). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following sample was diluted due to the physical nature of the sample matrix: MW-15 (480-158459-10). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method(s) 8270D: The following sample was diluted due to the nature of the sample matrix: MW-15 (480-158459-10). As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-490564 recovered outside acceptance criteria, low biased, for bis (2-chloroisopropyl) ether, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol and Pentachlorophenol. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-490564 recovered above the upper control limit for Atrazine. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: MW-19D (480-158459-1), MW-15D (480-158459-2), MW-11D (480-158459-3), MW-30 (480-158459-4), MW-32 (480-158459-5), MW-20 (480-158459-6), MW-33 (480-158459-7), DUP (480-158459-8), MW-11 (480-158459-9), MW-15 (480-158459-10), MW-16 082719 (480-158459-11), MW-23 (480-158459-12), MW-19 (480-158459-13), MW-18 (480-158459-14), MW-20D (480-158459-15), MW-31 (480-158459-16), MW-23D (480-158459-19), MW-16D (480-158459-21) and MW-21 (480-158459-22).

Job ID: 480-158459-1 (Continued)

Laboratory: Eurofins TestAmerica, Buffalo (Continued)

Method(s) 8270D: The following samples were diluted due to the nature of the sample matrix: MW-15D (480-158459-2), MW-20 (480-158459-6), MW-33 (480-158459-7) and MW-15 (480-158459-10). Elevated reporting limits (RLs) are provided.

Method(s) 8270D: The following sample required a dilution due to the nature of the sample matrix: MW-20 (480-158459-6). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method(s) 8270D SIM ID: The following samples were diluted due to color and appearance.>>: MW-15D (480-158459-2), MW-20 (480-158459-6) and MW-15 (480-158459-10). Elevated reporting limits (RL) are provided.

Method(s) 8270D SIM ID: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-31 (480-158459-16). Elevated reporting limits (RLs) are provided.

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-491141 recovered outside acceptance criteria, low biased, for bis (2-chloroisopropyl) ether. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-491141 recovered above the upper control limit for Hexachlorobutadiene, Hexachlorobenzene and Atrazine. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: MW-21D (480-158459-23).

Method(s) 8270D: The minimum response factor (RF) criteria for the continuing calibration verification (CCV) analyzed in batch 480-491141 was outside criteria for the following analyte(s): Bis(2-chloroethoxy)methane. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte(s) is considered estimated.

Method(s) 8270D: The continuing calibration verification (CCV) analyzed in batch 480-491141 was outside the method criteria for the following surrogate: 2,4,6-Tribromophenol (Surr). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method(s) 8081B: The laboratory control sample (LCS) for preparation batch 480-490025 and analytical batch 480-490257 recovered outside control limits for the following analytes: 4,4'-DDT and Endosulfan sulfate. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8081B: The following sample was diluted due to the nature of the sample matrix: MW-20 (480-158459-6). As such, surrogate recoveries are below the calibration range, estimated and not representative. Elevated reporting limits (RLs) are provided.

Method(s) 8082A: The following samples are associated with a continuing calibration verification (CCV 480-491225/5, 480-491225/31 and 480-491225/53) that had recoveries for the surrogate Decachlorobiphenyl that were below acceptance limits: MW-19D (480-158459-1), MW-15D (480-158459-2), MW-11D (480-158459-3), MW-30 (480-158459-4), MW-32 (480-158459-5), MW-20 (480-158459-6), MW-33 (480-158459-7), DUP (480-158459-8), MW-11 (480-158459-9), MW-15 (480-158459-10), MW-16 082719 (480-158459-11), MW-23 (480-158459-12), MW-19 (480-158459-13), MW-18 (480-158459-14), MW-20D (480-158459-15), MW-31 (480-158459-16), MW-23D (480-158459-19), MW-16D (480-158459-21), MW-21 (480-158459-22) and MW-21D (480-158459-23). The secondary surrogate Tetrachloro-m-xylene is within limits. Therefore, the data has been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

LCMS

Job ID: 480-158459-1 (Continued)

Laboratory: Eurofins TestAmerica, Buffalo (Continued)

Method(s) 537 (modified): The laboratory control sample (LCS) associated with preparation batch 200-147028 and analytical batch 200-147100 was outside acceptance criteria for Perfluorooctane sulfonate (PFOS) and N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA). Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method(s) 537 (modified): Results for sample MW-20 (480-158459-6) were reported from the analysis of a diluted extract due to suspected high concentrations of non-target analytes in the undiluted extract. The dilution factor was applied to the labeled internal standard area counts and these area counts were within acceptance limits

Method(s) 537 (modified): The following sample was diluted due to the abundance of non-target analytes (brown colored extract): MW-20 (480-158459-6). A more concentrated analysis was not possible.

Method(s) 537 (modified): 13C4 PFBA Isotope Dilution Analyte (IDA) recovery associated with the following sample is below the method recommended limit: MW-20 (480-158459-6). Generally, data quality is not considered affected if the IDA signal-to-noise ratio is greater than 10:1, which is achieved for all IDA in the sample(s). All detection limits are below the lower calibration.

Method(s) 537 (modified): Results for sample MW-20 (480-158459-6) were reported from the analysis of a diluted extract due to high concentration of target analytes in the analysis of the undiluted extract. The dilution factor was applied to the labeled internal standard area counts and these area counts were within acceptance limits

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
Method(s) 3510C: Elevated reporting limits are provided for the following samples due to insufficient sample provided for preparation: MW-19D (480-158459-1), MW-15D (480-158459-2), MW-11D (480-158459-3), MW-11D (480-158459-3[MS]), MW-11D (480-158459-3[MSD]), MW-30 (480-158459-4), MW-32 (480-158459-5), MW-20 (480-158459-6), MW-33 (480-158459-7), DUP (480-158459-8), MW-11 (480-158459-9), MW-15 (480-158459-10), MW-16 082719 (480-158459-11), MW-23 (480-158459-12), MW-19 (480-158459-13), MW-18 (480-158459-14), MW-20D (480-158459-15), MW-31 (480-158459-16), MW-23D (480-158459-19), MW-16D (480-158459-21), MW-21 (480-158459-22) and MW-21D (480-158459-23).

Method(s) 3510C: The following sample(s) was received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: MW-19D (480-158459-1), MW-15D (480-158459-2), MW-11D (480-158459-3), MW-11D (480-158459-3[MS]), MW-11D (480-158459-3[MSD]), MW-30 (480-158459-4), MW-33 (480-158459-7), DUP (480-158459-8), MW-11 (480-158459-9) and MW-16 082719 (480-158459-11).

Method(s) 3510C: The following sample(s) was received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: MW-19D (480-158459-1), MW-15D (480-158459-2), MW-11D (480-158459-3), MW-11D (480-158459-3[MS]), MW-11D (480-158459-3[MSD]), MW-30 (480-158459-4), MW-33 (480-158459-7), DUP (480-158459-8) and MW-16 082719 (480-158459-11).

Method(s) 3510C: The following sample(s) was received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: MW-19D (480-158459-1), MW-15D (480-158459-2), MW-11D (480-158459-3), MW-11D (480-158459-3[MS]), MW-11D (480-158459-3[MSD]), MW-30 (480-158459-4), MW-32 (480-158459-5), MW-20 (480-158459-6), MW-33 (480-158459-7), DUP (480-158459-8), MW-11 (480-158459-9), MW-15 (480-158459-10), MW-16 082719 (480-158459-11), MW-23 (480-158459-12), MW-19 (480-158459-13), MW-18 (480-158459-14), MW-20D (480-158459-15), MW-31 (480-158459-16), MW-23D (480-158459-19), MW-16D (480-158459-21), MW-21 (480-158459-22) and MW-21D (480-158459-23).

Method(s) 3510C: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: MW-20 (480-158459-6). The reporting limits (RLs) have been adjusted proportionately.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: New York State D.E.C.
Project/Site: 34 Freeman's Bridge Rd. #447028

Job ID: 480-158459-1

Client Sample ID: MW-19D — Lab Sample ID: 480-158459-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	16		1.0	0.81	ug/L	1		8260C	Total/NA
Methyl tert-butyl ether	0.62	J	1.0	0.16	ug/L	1		8260C	Total/NA
alpha-BHC	0.0097	J H	0.050	0.0077	ug/L	1		8081B	Total/NA
delta-BHC	0.016	J H B	0.050	0.010	ug/L	1		8081B	Total/NA
Aluminum	0.68		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.076		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	157		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0017	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Iron	10.1		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	28.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.59		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	1.4		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	24.1		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0015	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.011	B	0.010	0.0015	mg/L	1		6010C	Total/NA
Cyanide, Total	0.017		0.010	0.0050	mg/L	1		9012B	Total/NA

Client Sample ID: MW-15D — Lab Sample ID: 480-158459-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.54	J	1.0	0.44	ug/L	1		8260C	Total/NA
4,4'-DDD	0.011	J H	0.050	0.0092	ug/L	1		8081B	Total/NA
alpha-BHC	0.0097	J H	0.050	0.0077	ug/L	1		8081B	Total/NA
delta-BHC	0.011	J H B	0.050	0.010	ug/L	1		8081B	Total/NA
Endrin ketone	0.018	J H	0.050	0.012	ug/L	1		8081B	Total/NA
gamma-BHC (Lindane)	0.0088	J H	0.050	0.0080	ug/L	1		8081B	Total/NA
Perfluorobutanoic acid (PFBA)	2.5		1.7	0.83	ng/L	1		537 (modified)	Total/NA
Aluminum	1.5		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.035		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	135		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0051		0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.0073	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	2.2		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.019		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	25.7		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.14		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0018	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	3.8		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	137		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0038	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.049	B	0.010	0.0015	mg/L	1		6010C	Total/NA
Cyanide, Total	0.0078	J	0.010	0.0050	mg/L	1		9012B	Total/NA

Client Sample ID: MW-11D — Lab Sample ID: 480-158459-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.57	J	1.0	0.44	ug/L	1		8260C	Total/NA
alpha-BHC	0.0093	J H	0.052	0.0080	ug/L	1		8081B	Total/NA
delta-BHC	0.010	J H B	0.052	0.010	ug/L	1		8081B	Total/NA
Perfluorobutanoic acid (PFBA)	3.5		1.7	0.85	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	0.66	J	1.7	0.53	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	3.4		1.7	0.64	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-11D (Continued)
Lab Sample ID: 480-158459-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.20	F1	0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	165		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	2.7		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	25.3		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.20		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	4.9		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	86.7		1.0	0.32	mg/L	1		6010C	Total/NA
Cyanide, Total	0.010		0.010	0.0050	mg/L	1		9012B	Total/NA

Client Sample ID: MW-30
Lab Sample ID: 480-158459-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.53	J	1.0	0.44	ug/L	1		8260C	Total/NA
Xylenes, Total	0.78	J	2.0	0.66	ug/L	1		8260C	Total/NA
m,p-Xylene	0.78	J	2.0	0.66	ug/L	1		8260C	Total/NA
alpha-BHC	0.0084	J H	0.050	0.0077	ug/L	1		8081B	Total/NA
delta-BHC	0.010	J H B	0.050	0.010	ug/L	1		8081B	Total/NA
Perfluorobutanoic acid (PFBA)	21		1.7	0.83	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	12		1.7	0.53	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	11		1.7	0.63	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	8.2		1.7	0.76	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	13		1.7	0.68	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	6.6		1.7	0.23	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	2.4		1.7	0.64	ng/L	1		537 (modified)	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.94	J	1.7	0.65	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.3	J	1.7	0.41	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	4.4		1.7	0.67	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	20	*	1.7	0.51	ng/L	1		537 (modified)	Total/NA
Aluminum	3.2		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.10		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	251		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0031	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0021	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0033	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	5.0		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0040	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	41.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.8		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0045	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	8.7		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	15.8		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0056		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.015	B	0.010	0.0015	mg/L	1		6010C	Total/NA
Cyanide, Total	0.011		0.010	0.0050	mg/L	1		9012B	Total/NA

Client Sample ID: MW-32
Lab Sample ID: 480-158459-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	2.8	J	5.0	2.2	ug/L	5		8260C	Total/NA
4-Methylphenol	0.38	J	10	0.36	ug/L	1		8270D	Total/NA
4,4'-DDE	0.031	J B	0.050	0.012	ug/L	1		8081B	Total/NA
delta-BHC	0.042	J B	0.050	0.010	ug/L	1		8081B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-32 (Continued)
Lab Sample ID: 480-158459-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	1.8		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.075		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	137		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0025	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0010	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0025	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	10.6		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0078	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	23.2		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.6		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0024	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	12.3		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	17.8		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0036	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.011	B	0.010	0.0015	mg/L	1		6010C	Total/NA
Cyanide, Total	0.13		0.010	0.0050	mg/L	1		9012B	Total/NA

Client Sample ID: MW-20
Lab Sample ID: 480-158459-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	130		100	13	ug/L	10		8260C	Total/NA
Acetone	570		100	30	ug/L	10		8260C	Total/NA
Carbon disulfide	6.0	J	10	1.9	ug/L	10		8260C	Total/NA
Toluene	9.7	J	10	5.1	ug/L	10		8260C	Total/NA
1,4-Dioxane	4.7		4.2	2.1	ug/L	5		8270D SIM ID	Total/NA
2-Methylphenol	220	J	500	40	ug/L	20		8270D	Total/NA
4-Methylphenol	310	J	1000	36	ug/L	20		8270D	Total/NA
Phenol	1500		500	39	ug/L	20		8270D	Total/NA
4,4'-DDD	0.16	J	0.50	0.092	ug/L	10		8081B	Total/NA
4,4'-DDE	0.17	J	0.50	0.12	ug/L	10		8081B	Total/NA
Aldrin	0.19	J	0.50	0.081	ug/L	10		8081B	Total/NA
alpha-BHC	0.38	J	0.50	0.077	ug/L	10		8081B	Total/NA
Perfluoropentanoic acid (PFPeA)	55		3.5	1.1	ng/L	2		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	15		3.5	1.3	ng/L	2		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	3.5		3.5	1.6	ng/L	2		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	7.2		3.5	1.4	ng/L	2		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	1.2	J	3.5	0.47	ng/L	2		537 (modified)	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.5	J	3.5	1.3	ng/L	2		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	8.6		3.5	0.85	ng/L	2		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	3.1	J	3.5	1.4	ng/L	2		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	5.8	*	3.5	1.1	ng/L	2		537 (modified)	Total/NA
Perfluorobutanoic acid (PFBA) - DL	750		8.6	4.3	ng/L	5		537 (modified)	Total/NA
Aluminum	0.11	J	0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.016		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.12		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	258		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0040		0.0040	0.0010	mg/L	1		6010C	Total/NA
Iron	0.21		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0042	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	1.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.0027	J	0.0030	0.00040	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-20 (Continued) — Lab Sample ID: 480-158459-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	0.015		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	195		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	292		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.015		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.0031	J B	0.010	0.0015	mg/L	1		6010C	Total/NA
Cyanide, Total	0.022		0.010	0.0050	mg/L	1		9012B	Total/NA

Client Sample ID: MW-33 — Lab Sample ID: 480-158459-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	5.4		4.0	1.8	ug/L	4		8260C	Total/NA
1,4-Dioxane	0.79	J H	0.80	0.40	ug/L	1		8270D SIM ID	Total/NA
4,4'-DDE	0.012	J H B	0.050	0.012	ug/L	1		8081B	Total/NA
Perfluorobutanoic acid (PFBA)	10		1.7	0.84	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	1.5	J	1.7	0.53	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	2.3		1.7	0.64	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	2.6		1.7	0.77	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	3.4		1.7	0.68	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	0.40	J	1.7	0.23	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.6	J	1.7	0.41	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.3	J	1.7	0.67	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	1.2	J *	1.7	0.51	ng/L	1		537 (modified)	Total/NA
Aluminum	0.82		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.047		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	101		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0020	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.0025	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	1.2		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0095	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	8.3		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.096		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0014	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	8.4		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	26.3		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.011		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.0098	J B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: DUP — Lab Sample ID: 480-158459-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	4.1		4.0	1.8	ug/L	4		8260C	Total/NA
alpha-BHC	0.0091	J H	0.050	0.0077	ug/L	1		8081B	Total/NA
delta-BHC	0.015	J H B	0.050	0.010	ug/L	1		8081B	Total/NA
gamma-BHC (Lindane)	0.010	J H	0.050	0.0080	ug/L	1		8081B	Total/NA
Perfluorobutanoic acid (PFBA)	5.7		1.8	0.91	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	3.8		1.8	0.58	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	7.7		1.8	0.69	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	6.1		1.8	0.83	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	30		1.8	0.74	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	2.1		1.8	0.25	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	2.0		1.8	0.45	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	27		1.8	0.73	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: DUP (Continued)
Lab Sample ID: 480-158459-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroheptanesulfonic Acid (PFHpS)	1.3	J	1.8	0.87	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	60	*	1.8	0.56	ng/L	1		537 (modified)	Total/NA
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.1	J *	18	1.4	ng/L	1		537 (modified)	Total/NA
Barium	0.20		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	314		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	25.9		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	57.7		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	3.6		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	4.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	27.2		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0035	J B	0.010	0.0015	mg/L	1		6010C	Total/NA
Cyanide, Total	0.0094	J	0.010	0.0050	mg/L	1		9012B	Total/NA

Client Sample ID: MW-11
Lab Sample ID: 480-158459-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	10		1.0	0.81	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.50	J	1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene	0.76	J	1.0	0.46	ug/L	1		8260C	Total/NA
alpha-BHC	0.012	J H	0.050	0.0077	ug/L	1		8081B	Total/NA
gamma-BHC (Lindane)	0.010	J H	0.050	0.0080	ug/L	1		8081B	Total/NA
Perfluorobutanoic acid (PFBA)	5.6		1.8	0.90	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	2.8		1.8	0.57	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	4.7		1.8	0.69	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	2.4		1.8	0.82	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	11		1.8	0.73	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	1.1	J	1.8	0.24	ng/L	1		537 (modified)	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.73	J	1.8	0.71	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.6	J	1.8	0.44	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	24		1.8	0.72	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanesulfonic Acid (PFHpS)	3.3		1.8	0.86	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	200	*	1.8	0.55	ng/L	1		537 (modified)	Total/NA
Aluminum	1.1		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.076		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	227		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0017	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0031	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	1.6		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0043	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	38.2		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	3.0		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0048	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	1.7		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	30.6		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0024	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.0082	J B	0.010	0.0015	mg/L	1		6010C	Total/NA
Cyanide, Total	0.0056	J	0.010	0.0050	mg/L	1		9012B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: New York State D.E.C.
Project/Site: 34 Freeman's Bridge Rd. #447028

Job ID: 480-158459-1

Client Sample ID: MW-15

Lab Sample ID: 480-158459-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.6		2.0	1.6	ug/L	2		8260C	Total/NA
4,4'-DDD	0.018	J	0.050	0.0092	ug/L	1		8081B	Total/NA
4,4'-DDE	0.012	J B	0.050	0.012	ug/L	1		8081B	Total/NA
alpha-BHC	0.011	J	0.050	0.0077	ug/L	1		8081B	Total/NA
delta-BHC	0.011	J B	0.050	0.010	ug/L	1		8081B	Total/NA
Dieldrin	0.011	J	0.050	0.0098	ug/L	1		8081B	Total/NA
gamma-BHC (Lindane)	0.012	J	0.050	0.0080	ug/L	1		8081B	Total/NA
trans-Chlordane	0.020	J	0.050	0.011	ug/L	1		8081B	Total/NA
Aluminum	25.6		0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.019		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.37		0.0020	0.00070	mg/L	1		6010C	Total/NA
Beryllium	0.0022		0.0020	0.00030	mg/L	1		6010C	Total/NA
Cadmium	0.0016	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	286		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.064		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.033		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.094		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	47.1		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.39		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	65.3		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.4		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.057		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	9.1		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	160		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.077		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	1.1	B	0.010	0.0015	mg/L	1		6010C	Total/NA
Mercury	0.00042		0.00020	0.00012	mg/L	1		7470A	Total/NA
Cyanide, Total	0.095		0.010	0.0050	mg/L	1		9012B	Total/NA

Client Sample ID: MW-16 082719

Lab Sample ID: 480-158459-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	2.2	J	4.0	1.8	ug/L	4		8260C	Total/NA
alpha-BHC	0.012	J H	0.050	0.0077	ug/L	1		8081B	Total/NA
delta-BHC	0.016	J H B	0.050	0.010	ug/L	1		8081B	Total/NA
Perfluorobutanoic acid (PFBA)	6.0		1.7	0.84	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	4.4		1.7	0.53	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	9.7		1.7	0.64	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	6.1		1.7	0.76	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	30		1.7	0.68	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	2.2		1.7	0.23	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	2.2		1.7	0.41	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	25		1.7	0.67	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanesulfonic Acid (PFHpS)	1.5	J	1.7	0.80	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	61	*	1.7	0.51	ng/L	1		537 (modified)	Total/NA
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.1	J *	17	1.3	ng/L	1		537 (modified)	Total/NA
6:2 FTS	7.7	J	17	4.6	ng/L	1		537 (modified)	Total/NA
Barium	0.21		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	314		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	27.1		0.050	0.019	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-16 082719 (Continued)
Lab Sample ID: 480-158459-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	57.3		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	3.5		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	4.9		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	27.3		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0022	J B	0.010	0.0015	mg/L	1		6010C	Total/NA
Cyanide, Total	0.0092	J	0.010	0.0050	mg/L	1		9012B	Total/NA

Client Sample ID: MW-23
Lab Sample ID: 480-158459-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	0.34	J	5.0	0.31	ug/L	1		8270D	Total/NA
delta-BHC	0.013	J B	0.050	0.010	ug/L	1		8081B	Total/NA
gamma-BHC (Lindane)	0.0096	J	0.050	0.0080	ug/L	1		8081B	Total/NA
trans-Chlordane	0.023	J	0.050	0.011	ug/L	1		8081B	Total/NA
Aluminum	2.3		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.23		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	115		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0053		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0018	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0046	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	14.8		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.074		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	17.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.48		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0034	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	6.2		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	14.4		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0054		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.025	B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: MW-19
Lab Sample ID: 480-158459-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.2		1.0	0.81	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.95	J	1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene	1.6		1.0	0.46	ug/L	1		8260C	Total/NA
Acenaphthene	1.8	J	5.0	0.41	ug/L	1		8270D	Total/NA
Fluoranthene	0.47	J	5.0	0.40	ug/L	1		8270D	Total/NA
Fluorene	0.39	J	5.0	0.36	ug/L	1		8270D	Total/NA
delta-BHC	0.016	J B	0.050	0.010	ug/L	1		8081B	Total/NA
Endosulfan sulfate	0.017	J *	0.050	0.016	ug/L	1		8081B	Total/NA
Heptachlor	0.011	J	0.050	0.0085	ug/L	1		8081B	Total/NA
Aluminum	2.1		0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.0098	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.13		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	186		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0030	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Iron	3.3		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0036	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	16.1		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.88		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	3.4		0.50	0.10	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-19 (Continued)

Lab Sample ID: 480-158459-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	14.7		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0035	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.0074	J B	0.010	0.0015	mg/L	1		6010C	Total/NA
Cyanide, Total	0.0073	J	0.010	0.0050	mg/L	1		9012B	Total/NA

Client Sample ID: MW-18

Lab Sample ID: 480-158459-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	2.5	J	10	1.3	ug/L	1		8260C	Total/NA
Acetone	3.0	J	10	3.0	ug/L	1		8260C	Total/NA
4-Methylphenol	1.6	J	10	0.36	ug/L	1		8270D	Total/NA
alpha-BHC	0.010	J	0.050	0.0077	ug/L	1		8081B	Total/NA
Aluminum	8.3		0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.0098	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.16		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	109		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.015		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0029	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.013		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	12.8		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.010		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	35.4		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.96		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0095	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	12.2		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	43.7		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.015		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.033	B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: MW-20D

Lab Sample ID: 480-158459-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.30	J	1.0	0.19	ug/L	1		8260C	Total/NA
Di-n-octyl phthalate	0.59	J	5.0	0.47	ug/L	1		8270D	Total/NA
alpha-BHC	0.0091	J	0.050	0.0077	ug/L	1		8081B	Total/NA
Aluminum	0.27		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.16		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	133		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	2.8		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	23.4		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.067		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	4.9		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	81.5		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0032	J B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: MW-31

Lab Sample ID: 480-158459-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2.5	J	4.0	1.6	ug/L	4		8260C	Total/NA
cis-1,2-Dichloroethene	11		4.0	3.2	ug/L	4		8260C	Total/NA
Vinyl chloride	7.3		4.0	3.6	ug/L	4		8260C	Total/NA
1,4-Dioxane	6.9		4.0	2.0	ug/L	5		8270D SIM ID	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-31 (Continued) — Lab Sample ID: 480-158459-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	0.019	J B	0.052	0.012	ug/L	1		8081B	Total/NA
Endosulfan sulfate	0.017	J *	0.052	0.016	ug/L	1		8081B	Total/NA
Barium	0.10		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	209		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	3.5		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	45.1		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.40		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	3.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	89.1		1.0	0.32	mg/L	1		6010C	Total/NA
Cyanide, Total	0.020		0.010	0.0050	mg/L	1		9012B	Total/NA

Client Sample ID: EQUIP BLANK — Lab Sample ID: 480-158459-17

No Detections.

Client Sample ID: FIELD BLANK 1 — Lab Sample ID: 480-158459-18

No Detections.

Client Sample ID: MW-23D — Lab Sample ID: 480-158459-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
alpha-BHC	0.010	J	0.050	0.0077	ug/L	1		8081B	Total/NA
delta-BHC	0.013	J B	0.050	0.010	ug/L	1		8081B	Total/NA
Barium	0.13		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	142		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	1.7		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	23.8		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.18		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	2.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	85.9		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0020	J B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: FIELD BLANK 2 — Lab Sample ID: 480-158459-20

No Detections.

Client Sample ID: MW-16D — Lab Sample ID: 480-158459-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.0		1.0	0.81	ug/L	1		8260C	Total/NA
Methyl tert-butyl ether	1.0		1.0	0.16	ug/L	1		8260C	Total/NA
1,4-Dioxane	0.58	J	0.80	0.40	ug/L	1		8270D SIM ID	Total/NA
alpha-BHC	0.0094	J	0.050	0.0077	ug/L	1		8081B	Total/NA
delta-BHC	0.013	J B	0.050	0.010	ug/L	1		8081B	Total/NA
trans-Chlordane	0.025	J	0.050	0.011	ug/L	1		8081B	Total/NA
Barium	0.066		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	130		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0014	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	1.5		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	21.1		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.2		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0031	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.6		0.50	0.10	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-16D (Continued)
Lab Sample ID: 480-158459-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	120		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0048	J B	0.010	0.0015	mg/L	1		6010C	Total/NA
Cyanide, Total	0.0058	J	0.010	0.0050	mg/L	1		9012B	Total/NA

Client Sample ID: MW-21
Lab Sample ID: 480-158459-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
alpha-BHC	0.011	J	0.050	0.0077	ug/L	1		8081B	Total/NA
trans-Chlordane	0.019	J	0.050	0.011	ug/L	1		8081B	Total/NA
Aluminum	6.2		0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.0059	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.15		0.0020	0.00070	mg/L	1		6010C	Total/NA
Beryllium	0.00051	J	0.0020	0.00030	mg/L	1		6010C	Total/NA
Calcium	152		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0085		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0052		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0097	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	17.6		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.017		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	19.1		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	6.0		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0093	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	3.0		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	33.5		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.019		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.039	B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: MW-21D
Lab Sample ID: 480-158459-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDT	0.013	J *	0.050	0.011	ug/L	1		8081B	Total/NA
alpha-BHC	0.011	J	0.050	0.0077	ug/L	1		8081B	Total/NA
Endrin aldehyde	0.052	B	0.050	0.016	ug/L	1		8081B	Total/NA
Aluminum	0.063	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.20		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	156		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	2.4		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	28.1		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.24		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	3.7		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	125		1.0	0.32	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-19D
Lab Sample ID: 480-158459-1
Date Collected: 08/27/19 11:20
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/04/19 16:16	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/04/19 16:16	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/04/19 16:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/04/19 16:16	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/04/19 16:16	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/04/19 16:16	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/04/19 16:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/04/19 16:16	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/04/19 16:16	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/04/19 16:16	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/04/19 16:16	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/04/19 16:16	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/04/19 16:16	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/04/19 16:16	1
2-Hexanone	ND		5.0	1.2	ug/L			09/04/19 16:16	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/04/19 16:16	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/04/19 16:16	1
Acetone	ND		10	3.0	ug/L			09/04/19 16:16	1
Benzene	ND		1.0	0.41	ug/L			09/04/19 16:16	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/04/19 16:16	1
Bromoform	ND		1.0	0.26	ug/L			09/04/19 16:16	1
Bromomethane	ND		1.0	0.69	ug/L			09/04/19 16:16	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/04/19 16:16	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/04/19 16:16	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/04/19 16:16	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/04/19 16:16	1
Chloroethane	ND		1.0	0.32	ug/L			09/04/19 16:16	1
Chloroform	ND		1.0	0.34	ug/L			09/04/19 16:16	1
Chloromethane	ND		1.0	0.35	ug/L			09/04/19 16:16	1
cis-1,2-Dichloroethene	**16**		1.0	0.81	ug/L			09/04/19 16:16	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/04/19 16:16	1
Cyclohexane	ND		1.0	0.18	ug/L			09/04/19 16:16	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/04/19 16:16	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/04/19 16:16	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/04/19 16:16	1
Methyl acetate	ND		2.5	1.3	ug/L			09/04/19 16:16	1
Methyl tert-butyl ether	**0.62**	**J**	1.0	0.16	ug/L			09/04/19 16:16	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/04/19 16:16	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/04/19 16:16	1
Styrene	ND		1.0	0.73	ug/L			09/04/19 16:16	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/04/19 16:16	1
Toluene	ND		1.0	0.51	ug/L			09/04/19 16:16	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/04/19 16:16	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/04/19 16:16	1
Trichloroethene	ND		1.0	0.46	ug/L			09/04/19 16:16	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/04/19 16:16	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/04/19 16:16	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/04/19 16:16	1
m,p-Xylene	ND		2.0	0.66	ug/L			09/04/19 16:16	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-19D
Lab Sample ID: 480-158459-1
Date Collected: 08/27/19 11:20
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.0	0.76	ug/L			09/04/19 16:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*09/04/19 16:16*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*09/04/19 16:16*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*09/04/19 16:16*	*1*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND	H	0.80	0.40	ug/L		09/04/19 07:35	09/06/19 14:55	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*58*		*15 - 110*	*09/04/19 07:35*	*09/06/19 14:55*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND	H	5.0	0.65	ug/L		09/04/19 15:05	09/06/19 13:46	1
bis (2-chloroisopropyl) ether	ND	H	5.0	0.52	ug/L		09/04/19 15:05	09/06/19 13:46	1
2,4,5-Trichlorophenol	ND	H	5.0	0.48	ug/L		09/04/19 15:05	09/06/19 13:46	1
2,4,6-Trichlorophenol	ND	H	5.0	0.61	ug/L		09/04/19 15:05	09/06/19 13:46	1
2,4-Dichlorophenol	ND	H	5.0	0.51	ug/L		09/04/19 15:05	09/06/19 13:46	1
2,4-Dimethylphenol	ND	H	5.0	0.50	ug/L		09/04/19 15:05	09/06/19 13:46	1
2,4-Dinitrophenol	ND	H	10	2.2	ug/L		09/04/19 15:05	09/06/19 13:46	1
2,4-Dinitrotoluene	ND	H	5.0	0.45	ug/L		09/04/19 15:05	09/06/19 13:46	1
2,6-Dinitrotoluene	ND	H	5.0	0.40	ug/L		09/04/19 15:05	09/06/19 13:46	1
2-Chloronaphthalene	ND	H	5.0	0.46	ug/L		09/04/19 15:05	09/06/19 13:46	1
2-Chlorophenol	ND	H	5.0	0.53	ug/L		09/04/19 15:05	09/06/19 13:46	1
2-Methylnaphthalene	ND	H	5.0	0.60	ug/L		09/04/19 15:05	09/06/19 13:46	1
2-Methylphenol	ND	H	5.0	0.40	ug/L		09/04/19 15:05	09/06/19 13:46	1
2-Nitroaniline	ND	H	10	0.42	ug/L		09/04/19 15:05	09/06/19 13:46	1
2-Nitrophenol	ND	H	5.0	0.48	ug/L		09/04/19 15:05	09/06/19 13:46	1
3,3'-Dichlorobenzidine	ND	H	5.0	0.40	ug/L		09/04/19 15:05	09/06/19 13:46	1
3-Nitroaniline	ND	H	10	0.48	ug/L		09/04/19 15:05	09/06/19 13:46	1
4,6-Dinitro-2-methylphenol	ND	H	10	2.2	ug/L		09/04/19 15:05	09/06/19 13:46	1
4-Bromophenyl phenyl ether	ND	H	5.0	0.45	ug/L		09/04/19 15:05	09/06/19 13:46	1
4-Chloro-3-methylphenol	ND	H	5.0	0.45	ug/L		09/04/19 15:05	09/06/19 13:46	1
4-Chloroaniline	ND	H	5.0	0.59	ug/L		09/04/19 15:05	09/06/19 13:46	1
4-Chlorophenyl phenyl ether	ND	H	5.0	0.35	ug/L		09/04/19 15:05	09/06/19 13:46	1
4-Methylphenol	ND	H	10	0.36	ug/L		09/04/19 15:05	09/06/19 13:46	1
4-Nitroaniline	ND	H	10	0.25	ug/L		09/04/19 15:05	09/06/19 13:46	1
4-Nitrophenol	ND	H	10	1.5	ug/L		09/04/19 15:05	09/06/19 13:46	1
Acenaphthene	ND	H	5.0	0.41	ug/L		09/04/19 15:05	09/06/19 13:46	1
Acenaphthylene	ND	H	5.0	0.38	ug/L		09/04/19 15:05	09/06/19 13:46	1
Acetophenone	ND	H	5.0	0.54	ug/L		09/04/19 15:05	09/06/19 13:46	1
Anthracene	ND	H	5.0	0.28	ug/L		09/04/19 15:05	09/06/19 13:46	1
Atrazine	ND	H	5.0	0.46	ug/L		09/04/19 15:05	09/06/19 13:46	1
Benzaldehyde	ND	H	5.0	0.27	ug/L		09/04/19 15:05	09/06/19 13:46	1
Benzo(a)anthracene	ND	H	5.0	0.36	ug/L		09/04/19 15:05	09/06/19 13:46	1
Benzo(a)pyrene	ND	H	5.0	0.47	ug/L		09/04/19 15:05	09/06/19 13:46	1
Benzo(b)fluoranthene	ND	H	5.0	0.34	ug/L		09/04/19 15:05	09/06/19 13:46	1
Benzo(g,h,i)perylene	ND	H	5.0	0.35	ug/L		09/04/19 15:05	09/06/19 13:46	1

Client Sample ID: MW-19D
Lab Sample ID: 480-158459-1
Date Collected: 08/27/19 11:20
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(k)fluoranthene	ND	H	5.0	0.73	ug/L		09/04/19 15:05	09/06/19 13:46	1
Bis(2-chloroethoxy)methane	ND	H	5.0	0.35	ug/L		09/04/19 15:05	09/06/19 13:46	1
Bis(2-chloroethyl)ether	ND	H	5.0	0.40	ug/L		09/04/19 15:05	09/06/19 13:46	1
Bis(2-ethylhexyl) phthalate	ND	H	5.0	2.2	ug/L		09/04/19 15:05	09/06/19 13:46	1
Butyl benzyl phthalate	ND	H	5.0	1.0	ug/L		09/04/19 15:05	09/06/19 13:46	1
Caprolactam	ND	H	5.0	2.2	ug/L		09/04/19 15:05	09/06/19 13:46	1
Carbazole	ND	H	5.0	0.30	ug/L		09/04/19 15:05	09/06/19 13:46	1
Chrysene	ND	H	5.0	0.33	ug/L		09/04/19 15:05	09/06/19 13:46	1
Di-n-butyl phthalate	ND	H	5.0	0.31	ug/L		09/04/19 15:05	09/06/19 13:46	1
Di-n-octyl phthalate	ND	H	5.0	0.47	ug/L		09/04/19 15:05	09/06/19 13:46	1
Dibenz(a,h)anthracene	ND	H	5.0	0.42	ug/L		09/04/19 15:05	09/06/19 13:46	1
Dibenzofuran	ND	H	10	0.51	ug/L		09/04/19 15:05	09/06/19 13:46	1
Diethyl phthalate	ND	H	5.0	0.22	ug/L		09/04/19 15:05	09/06/19 13:46	1
Dimethyl phthalate	ND	H	5.0	0.36	ug/L		09/04/19 15:05	09/06/19 13:46	1
Fluoranthene	ND	H	5.0	0.40	ug/L		09/04/19 15:05	09/06/19 13:46	1
Fluorene	ND	H	5.0	0.36	ug/L		09/04/19 15:05	09/06/19 13:46	1
Hexachlorobenzene	ND	H	5.0	0.51	ug/L		09/04/19 15:05	09/06/19 13:46	1
Hexachlorobutadiene	ND	H	5.0	0.68	ug/L		09/04/19 15:05	09/06/19 13:46	1
Hexachlorocyclopentadiene	ND	H	5.0	0.59	ug/L		09/04/19 15:05	09/06/19 13:46	1
Hexachloroethane	ND	H	5.0	0.59	ug/L		09/04/19 15:05	09/06/19 13:46	1
Indeno(1,2,3-cd)pyrene	ND	H	5.0	0.47	ug/L		09/04/19 15:05	09/06/19 13:46	1
Isophorone	ND	H	5.0	0.43	ug/L		09/04/19 15:05	09/06/19 13:46	1
N-Nitrosodi-n-propylamine	ND	H	5.0	0.54	ug/L		09/04/19 15:05	09/06/19 13:46	1
N-Nitrosodiphenylamine	ND	H	5.0	0.51	ug/L		09/04/19 15:05	09/06/19 13:46	1
Naphthalene	ND	H	5.0	0.76	ug/L		09/04/19 15:05	09/06/19 13:46	1
Nitrobenzene	ND	H	5.0	0.29	ug/L		09/04/19 15:05	09/06/19 13:46	1
Pentachlorophenol	ND	H	10	2.2	ug/L		09/04/19 15:05	09/06/19 13:46	1
Phenanthrene	ND	H	5.0	0.44	ug/L		09/04/19 15:05	09/06/19 13:46	1
Phenol	ND	H	5.0	0.39	ug/L		09/04/19 15:05	09/06/19 13:46	1
Pyrene	ND	H	5.0	0.34	ug/L		09/04/19 15:05	09/06/19 13:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*108*		*41 - 120*	*09/04/19 15:05*	*09/06/19 13:46*	*1*
2-Fluorobiphenyl	*98*		*48 - 120*	*09/04/19 15:05*	*09/06/19 13:46*	*1*
2-Fluorophenol	*65*		*35 - 120*	*09/04/19 15:05*	*09/06/19 13:46*	*1*
Nitrobenzene-d5	*79*		*46 - 120*	*09/04/19 15:05*	*09/06/19 13:46*	*1*
p-Terphenyl-d14	*77*		*60 - 148*	*09/04/19 15:05*	*09/06/19 13:46*	*1*
Phenol-d5	*43*		*22 - 120*	*09/04/19 15:05*	*09/06/19 13:46*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND	H	0.050	0.0092	ug/L		09/04/19 07:51	09/05/19 12:17	1
4,4'-DDE	ND	H	0.050	0.012	ug/L		09/04/19 07:51	09/05/19 12:17	1
4,4'-DDT	ND	H *	0.050	0.011	ug/L		09/04/19 07:51	09/05/19 12:17	1
Aldrin	ND	H	0.050	0.0081	ug/L		09/04/19 07:51	09/05/19 12:17	1
alpha-BHC	**0.0097**	**J H**	0.050	0.0077	ug/L		09/04/19 07:51	09/05/19 12:17	1
cis-Chlordane	ND	H	0.050	0.015	ug/L		09/04/19 07:51	09/05/19 12:17	1
beta-BHC	ND	H	0.050	0.025	ug/L		09/04/19 07:51	09/05/19 12:17	1
delta-BHC	**0.016**	**J H B**	0.050	0.010	ug/L		09/04/19 07:51	09/05/19 12:17	1
Dieldrin	ND	H	0.050	0.0098	ug/L		09/04/19 07:51	09/05/19 12:17	1

Client Sample ID: MW-19D
Lab Sample ID: 480-158459-1
Date Collected: 08/27/19 11:20
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	ND	H	0.050	0.011	ug/L		09/04/19 07:51	09/05/19 12:17	1
Endosulfan II	ND	H	0.050	0.012	ug/L		09/04/19 07:51	09/05/19 12:17	1
Endosulfan sulfate	ND	H *	0.050	0.016	ug/L		09/04/19 07:51	09/05/19 12:17	1
Endrin	ND	H	0.050	0.014	ug/L		09/04/19 07:51	09/05/19 12:17	1
Endrin aldehyde	ND	H	0.050	0.016	ug/L		09/04/19 07:51	09/05/19 12:17	1
Endrin ketone	ND	H	0.050	0.012	ug/L		09/04/19 07:51	09/05/19 12:17	1
gamma-BHC (Lindane)	ND	H	0.050	0.0080	ug/L		09/04/19 07:51	09/05/19 12:17	1
trans-Chlordane	ND	H	0.050	0.011	ug/L		09/04/19 07:51	09/05/19 12:17	1
Heptachlor	ND	H	0.050	0.0085	ug/L		09/04/19 07:51	09/05/19 12:17	1
Heptachlor epoxide	ND	H	0.050	0.0074	ug/L		09/04/19 07:51	09/05/19 12:17	1
Methoxychlor	ND	H	0.050	0.014	ug/L		09/04/19 07:51	09/05/19 12:17	1
Toxaphene	ND	H	0.50	0.12	ug/L		09/04/19 07:51	09/05/19 12:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*47*		*20 - 120*	*09/04/19 07:51*	*09/05/19 12:17*	*1*
Tetrachloro-m-xylene	*86*		*44 - 120*	*09/04/19 07:51*	*09/05/19 12:17*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 21:54	1
PCB-1221	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 21:54	1
PCB-1232	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 21:54	1
PCB-1242	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 21:54	1
PCB-1248	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 21:54	1
PCB-1254	ND		0.50	0.25	ug/L		09/09/19 08:22	09/10/19 21:54	1
PCB-1260	ND		0.50	0.25	ug/L		09/09/19 08:22	09/10/19 21:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*33*		*19 - 120*	*09/09/19 08:22*	*09/10/19 21:54*	*1*
Tetrachloro-m-xylene	*75*		*39 - 121*	*09/09/19 08:22*	*09/10/19 21:54*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.68**		0.20	0.060	mg/L		09/05/19 06:25	09/10/19 16:50	1
Antimony	ND		0.020	0.0068	mg/L		09/05/19 06:25	09/10/19 16:50	1
Arsenic	ND		0.015	0.0056	mg/L		09/05/19 06:25	09/10/19 16:50	1
Barium	**0.076**		0.0020	0.00070	mg/L		09/05/19 06:25	09/10/19 16:50	1
Beryllium	ND		0.0020	0.00030	mg/L		09/05/19 06:25	09/10/19 16:50	1
Cadmium	ND		0.0020	0.00050	mg/L		09/05/19 06:25	09/10/19 16:50	1
Calcium	**157**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 16:50	1
Chromium	**0.0017**	**J**	0.0040	0.0010	mg/L		09/05/19 06:25	09/10/19 16:50	1
Cobalt	ND		0.0040	0.00063	mg/L		09/05/19 06:25	09/10/19 16:50	1
Copper	ND		0.010	0.0016	mg/L		09/05/19 06:25	09/10/19 16:50	1
Iron	**10.1**		0.050	0.019	mg/L		09/05/19 06:25	09/10/19 16:50	1
Lead	ND		0.010	0.0030	mg/L		09/05/19 06:25	09/10/19 16:50	1
Magnesium	**28.0**		0.20	0.043	mg/L		09/05/19 06:25	09/10/19 16:50	1
Manganese	**0.59**		0.0030	0.00040	mg/L		09/05/19 06:25	09/10/19 16:50	1
Nickel	ND		0.010	0.0013	mg/L		09/05/19 06:25	09/10/19 16:50	1
Potassium	**1.4**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 16:50	1
Selenium	ND		0.025	0.0087	mg/L		09/05/19 06:25	09/10/19 16:50	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-19D
Lab Sample ID: 480-158459-1
Date Collected: 08/27/19 11:20
Matrix: Water
Date Received: 08/30/19 08:00

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		09/05/19 06:25	09/10/19 16:50	1
Sodium	**24.1**		1.0	0.32	mg/L		09/05/19 06:25	09/10/19 16:50	1
Thallium	ND		0.020	0.010	mg/L		09/05/19 06:25	09/10/19 16:50	1
Vanadium	**0.0015**	**J**	0.0050	0.0015	mg/L		09/05/19 06:25	09/10/19 16:50	1
Zinc	**0.011**	**B**	0.010	0.0015	mg/L		09/05/19 06:25	09/10/19 16:50	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/10/19 11:40	09/10/19 16:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.017**		0.010	0.0050	mg/L		09/08/19 14:57	09/09/19 12:28	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-15D
Lab Sample ID: 480-158459-2
Date Collected: 08/27/19 16:40
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/04/19 16:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/04/19 16:39	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/04/19 16:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/04/19 16:39	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/04/19 16:39	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/04/19 16:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/04/19 16:39	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/04/19 16:39	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/04/19 16:39	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/04/19 16:39	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/04/19 16:39	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/04/19 16:39	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/04/19 16:39	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/04/19 16:39	1
2-Hexanone	ND		5.0	1.2	ug/L			09/04/19 16:39	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/04/19 16:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/04/19 16:39	1
Acetone	ND		10	3.0	ug/L			09/04/19 16:39	1
Benzene	ND		1.0	0.41	ug/L			09/04/19 16:39	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/04/19 16:39	1
Bromoform	ND		1.0	0.26	ug/L			09/04/19 16:39	1
Bromomethane	ND		1.0	0.69	ug/L			09/04/19 16:39	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/04/19 16:39	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/04/19 16:39	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/04/19 16:39	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/04/19 16:39	1
Chloroethane	ND		1.0	0.32	ug/L			09/04/19 16:39	1
Chloroform	ND		1.0	0.34	ug/L			09/04/19 16:39	1
Chloromethane	ND		1.0	0.35	ug/L			09/04/19 16:39	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/04/19 16:39	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/04/19 16:39	1
Cyclohexane	ND		1.0	0.18	ug/L			09/04/19 16:39	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/04/19 16:39	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/04/19 16:39	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/04/19 16:39	1
Methyl acetate	ND		2.5	1.3	ug/L			09/04/19 16:39	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/04/19 16:39	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/04/19 16:39	1
Methylene Chloride	**0.54**	**J**	1.0	0.44	ug/L			09/04/19 16:39	1
Styrene	ND		1.0	0.73	ug/L			09/04/19 16:39	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/04/19 16:39	1
Toluene	ND		1.0	0.51	ug/L			09/04/19 16:39	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/04/19 16:39	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/04/19 16:39	1
Trichloroethene	ND		1.0	0.46	ug/L			09/04/19 16:39	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/04/19 16:39	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/04/19 16:39	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/04/19 16:39	1
m,p-Xylene	ND		2.0	0.66	ug/L			09/04/19 16:39	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-15D
Lab Sample ID: 480-158459-2
Date Collected: 08/27/19 16:40
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.0	0.76	ug/L			09/04/19 16:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*09/04/19 16:39*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*09/04/19 16:39*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*09/04/19 16:39*	*1*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND	H	4.0	2.0	ug/L		09/04/19 07:35	09/06/19 15:19	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*58*		*15 - 110*	*09/04/19 07:35*	*09/06/19 15:19*	*5*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND	H	50	6.5	ug/L		09/04/19 15:05	09/06/19 14:14	10
bis (2-chloroisopropyl) ether	ND	H	50	5.2	ug/L		09/04/19 15:05	09/06/19 14:14	10
2,4,5-Trichlorophenol	ND	H	50	4.8	ug/L		09/04/19 15:05	09/06/19 14:14	10
2,4,6-Trichlorophenol	ND	H	50	6.1	ug/L		09/04/19 15:05	09/06/19 14:14	10
2,4-Dichlorophenol	ND	H	50	5.1	ug/L		09/04/19 15:05	09/06/19 14:14	10
2,4-Dimethylphenol	ND	H	50	5.0	ug/L		09/04/19 15:05	09/06/19 14:14	10
2,4-Dinitrophenol	ND	H	100	22	ug/L		09/04/19 15:05	09/06/19 14:14	10
2,4-Dinitrotoluene	ND	H	50	4.5	ug/L		09/04/19 15:05	09/06/19 14:14	10
2,6-Dinitrotoluene	ND	H	50	4.0	ug/L		09/04/19 15:05	09/06/19 14:14	10
2-Chloronaphthalene	ND	H	50	4.6	ug/L		09/04/19 15:05	09/06/19 14:14	10
2-Chlorophenol	ND	H	50	5.3	ug/L		09/04/19 15:05	09/06/19 14:14	10
2-Methylnaphthalene	ND	H	50	6.0	ug/L		09/04/19 15:05	09/06/19 14:14	10
2-Methylphenol	ND	H	50	4.0	ug/L		09/04/19 15:05	09/06/19 14:14	10
2-Nitroaniline	ND	H	100	4.2	ug/L		09/04/19 15:05	09/06/19 14:14	10
2-Nitrophenol	ND	H	50	4.8	ug/L		09/04/19 15:05	09/06/19 14:14	10
3,3'-Dichlorobenzidine	ND	H	50	4.0	ug/L		09/04/19 15:05	09/06/19 14:14	10
3-Nitroaniline	ND	H	100	4.8	ug/L		09/04/19 15:05	09/06/19 14:14	10
4,6-Dinitro-2-methylphenol	ND	H	100	22	ug/L		09/04/19 15:05	09/06/19 14:14	10
4-Bromophenyl phenyl ether	ND	H	50	4.5	ug/L		09/04/19 15:05	09/06/19 14:14	10
4-Chloro-3-methylphenol	ND	H	50	4.5	ug/L		09/04/19 15:05	09/06/19 14:14	10
4-Chloroaniline	ND	H	50	5.9	ug/L		09/04/19 15:05	09/06/19 14:14	10
4-Chlorophenyl phenyl ether	ND	H	50	3.5	ug/L		09/04/19 15:05	09/06/19 14:14	10
4-Methylphenol	ND	H	100	3.6	ug/L		09/04/19 15:05	09/06/19 14:14	10
4-Nitroaniline	ND	H	100	2.5	ug/L		09/04/19 15:05	09/06/19 14:14	10
4-Nitrophenol	ND	H	100	15	ug/L		09/04/19 15:05	09/06/19 14:14	10
Acenaphthene	ND	H	50	4.1	ug/L		09/04/19 15:05	09/06/19 14:14	10
Acenaphthylene	ND	H	50	3.8	ug/L		09/04/19 15:05	09/06/19 14:14	10
Acetophenone	ND	H	50	5.4	ug/L		09/04/19 15:05	09/06/19 14:14	10
Anthracene	ND	H	50	2.8	ug/L		09/04/19 15:05	09/06/19 14:14	10
Atrazine	ND	H	50	4.6	ug/L		09/04/19 15:05	09/06/19 14:14	10
Benzaldehyde	ND	H	50	2.7	ug/L		09/04/19 15:05	09/06/19 14:14	10
Benzo(a)anthracene	ND	H	50	3.6	ug/L		09/04/19 15:05	09/06/19 14:14	10
Benzo(a)pyrene	ND	H	50	4.7	ug/L		09/04/19 15:05	09/06/19 14:14	10
Benzo(b)fluoranthene	ND	H	50	3.4	ug/L		09/04/19 15:05	09/06/19 14:14	10
Benzo(g,h,i)perylene	ND	H	50	3.5	ug/L		09/04/19 15:05	09/06/19 14:14	10

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-15D
Lab Sample ID: 480-158459-2
Date Collected: 08/27/19 16:40
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(k)fluoranthene	ND	H	50	7.3	ug/L		09/04/19 15:05	09/06/19 14:14	10
Bis(2-chloroethoxy)methane	ND	H	50	3.5	ug/L		09/04/19 15:05	09/06/19 14:14	10
Bis(2-chloroethyl)ether	ND	H	50	4.0	ug/L		09/04/19 15:05	09/06/19 14:14	10
Bis(2-ethylhexyl) phthalate	ND	H	50	22	ug/L		09/04/19 15:05	09/06/19 14:14	10
Butyl benzyl phthalate	ND	H	50	10	ug/L		09/04/19 15:05	09/06/19 14:14	10
Caprolactam	ND	H	50	22	ug/L		09/04/19 15:05	09/06/19 14:14	10
Carbazole	ND	H	50	3.0	ug/L		09/04/19 15:05	09/06/19 14:14	10
Chrysene	ND	H	50	3.3	ug/L		09/04/19 15:05	09/06/19 14:14	10
Di-n-butyl phthalate	ND	H	50	3.1	ug/L		09/04/19 15:05	09/06/19 14:14	10
Di-n-octyl phthalate	ND	H	50	4.7	ug/L		09/04/19 15:05	09/06/19 14:14	10
Dibenz(a,h)anthracene	ND	H	50	4.2	ug/L		09/04/19 15:05	09/06/19 14:14	10
Dibenzofuran	ND	H	100	5.1	ug/L		09/04/19 15:05	09/06/19 14:14	10
Diethyl phthalate	ND	H	50	2.2	ug/L		09/04/19 15:05	09/06/19 14:14	10
Dimethyl phthalate	ND	H	50	3.6	ug/L		09/04/19 15:05	09/06/19 14:14	10
Fluoranthene	ND	H	50	4.0	ug/L		09/04/19 15:05	09/06/19 14:14	10
Fluorene	ND	H	50	3.6	ug/L		09/04/19 15:05	09/06/19 14:14	10
Hexachlorobenzene	ND	H	50	5.1	ug/L		09/04/19 15:05	09/06/19 14:14	10
Hexachlorobutadiene	ND	H	50	6.8	ug/L		09/04/19 15:05	09/06/19 14:14	10
Hexachlorocyclopentadiene	ND	H	50	5.9	ug/L		09/04/19 15:05	09/06/19 14:14	10
Hexachloroethane	ND	H	50	5.9	ug/L		09/04/19 15:05	09/06/19 14:14	10
Indeno(1,2,3-cd)pyrene	ND	H	50	4.7	ug/L		09/04/19 15:05	09/06/19 14:14	10
Isophorone	ND	H	50	4.3	ug/L		09/04/19 15:05	09/06/19 14:14	10
N-Nitrosodi-n-propylamine	ND	H	50	5.4	ug/L		09/04/19 15:05	09/06/19 14:14	10
N-Nitrosodiphenylamine	ND	H	50	5.1	ug/L		09/04/19 15:05	09/06/19 14:14	10
Naphthalene	ND	H	50	7.6	ug/L		09/04/19 15:05	09/06/19 14:14	10
Nitrobenzene	ND	H	50	2.9	ug/L		09/04/19 15:05	09/06/19 14:14	10
Pentachlorophenol	ND	H	100	22	ug/L		09/04/19 15:05	09/06/19 14:14	10
Phenanthrene	ND	H	50	4.4	ug/L		09/04/19 15:05	09/06/19 14:14	10
Phenol	ND	H	50	3.9	ug/L		09/04/19 15:05	09/06/19 14:14	10
Pyrene	ND	H	50	3.4	ug/L		09/04/19 15:05	09/06/19 14:14	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*68*		*41 - 120*	*09/04/19 15:05*	*09/06/19 14:14*	*10*
2-Fluorobiphenyl	*90*		*48 - 120*	*09/04/19 15:05*	*09/06/19 14:14*	*10*
2-Fluorophenol	*59*		*35 - 120*	*09/04/19 15:05*	*09/06/19 14:14*	*10*
Nitrobenzene-d5	*76*		*46 - 120*	*09/04/19 15:05*	*09/06/19 14:14*	*10*
p-Terphenyl-d14	*79*		*60 - 148*	*09/04/19 15:05*	*09/06/19 14:14*	*10*
Phenol-d5	*42*		*22 - 120*	*09/04/19 15:05*	*09/06/19 14:14*	*10*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	**0.011**	**J H**	0.050	0.0092	ug/L		09/04/19 07:51	09/05/19 12:36	1
4,4'-DDE	ND	H	0.050	0.012	ug/L		09/04/19 07:51	09/05/19 12:36	1
4,4'-DDT	ND	H *	0.050	0.011	ug/L		09/04/19 07:51	09/05/19 12:36	1
Aldrin	ND	H	0.050	0.0081	ug/L		09/04/19 07:51	09/05/19 12:36	1
alpha-BHC	**0.0097**	**J H**	0.050	0.0077	ug/L		09/04/19 07:51	09/05/19 12:36	1
cis-Chlordane	ND	H	0.050	0.015	ug/L		09/04/19 07:51	09/05/19 12:36	1
beta-BHC	ND	H	0.050	0.025	ug/L		09/04/19 07:51	09/05/19 12:36	1
delta-BHC	**0.011**	**J H B**	0.050	0.010	ug/L		09/04/19 07:51	09/05/19 12:36	1
Dieldrin	ND	H	0.050	0.0098	ug/L		09/04/19 07:51	09/05/19 12:36	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-15D
Lab Sample ID: 480-158459-2
Date Collected: 08/27/19 16:40
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	ND	H	0.050	0.011	ug/L		09/04/19 07:51	09/05/19 12:36	1
Endosulfan II	ND	H	0.050	0.012	ug/L		09/04/19 07:51	09/05/19 12:36	1
Endosulfan sulfate	ND	H *	0.050	0.016	ug/L		09/04/19 07:51	09/05/19 12:36	1
Endrin	ND	H	0.050	0.014	ug/L		09/04/19 07:51	09/05/19 12:36	1
Endrin aldehyde	ND	H	0.050	0.016	ug/L		09/04/19 07:51	09/05/19 12:36	1
Endrin ketone	**0.018**	**J H**	0.050	0.012	ug/L		09/04/19 07:51	09/05/19 12:36	1
gamma-BHC (Lindane)	**0.0088**	**J H**	0.050	0.0080	ug/L		09/04/19 07:51	09/05/19 12:36	1
trans-Chlordane	ND	H	0.050	0.011	ug/L		09/04/19 07:51	09/05/19 12:36	1
Heptachlor	ND	H	0.050	0.0085	ug/L		09/04/19 07:51	09/05/19 12:36	1
Heptachlor epoxide	ND	H	0.050	0.0074	ug/L		09/04/19 07:51	09/05/19 12:36	1
Methoxychlor	ND	H	0.050	0.014	ug/L		09/04/19 07:51	09/05/19 12:36	1
Toxaphene	ND	H	0.50	0.12	ug/L		09/04/19 07:51	09/05/19 12:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*51*		*20 - 120*	*09/04/19 07:51*	*09/05/19 12:36*	*1*
Tetrachloro-m-xylene	*92*		*44 - 120*	*09/04/19 07:51*	*09/05/19 12:36*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 22:08	1
PCB-1221	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 22:08	1
PCB-1232	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 22:08	1
PCB-1242	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 22:08	1
PCB-1248	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 22:08	1
PCB-1254	ND		0.50	0.25	ug/L		09/09/19 08:22	09/10/19 22:08	1
PCB-1260	ND		0.50	0.25	ug/L		09/09/19 08:22	09/10/19 22:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*41*		*19 - 120*	*09/09/19 08:22*	*09/10/19 22:08*	*1*
Tetrachloro-m-xylene	*86*		*39 - 121*	*09/09/19 08:22*	*09/10/19 22:08*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**2.5**		1.7	0.83	ng/L		09/06/19 10:07	09/09/19 22:22	1
Perfluoropentanoic acid (PFPeA)	ND		1.7	0.52	ng/L		09/06/19 10:07	09/09/19 22:22	1
Perfluorohexanoic acid (PFHxA)	ND		1.7	0.63	ng/L		09/06/19 10:07	09/09/19 22:22	1
Perfluoroheptanoic acid (PFHpA)	ND		1.7	0.75	ng/L		09/06/19 10:07	09/09/19 22:22	1
Perfluorooctanoic acid (PFOA)	ND		1.7	0.67	ng/L		09/06/19 10:07	09/09/19 22:22	1
Perfluorononanoic acid (PFNA)	ND		1.7	0.22	ng/L		09/06/19 10:07	09/09/19 22:22	1
Perfluorodecanoic acid (PFDA)	ND		1.7	0.64	ng/L		09/06/19 10:07	09/09/19 22:22	1
Perfluoroundecanoic acid (PFUnA)	ND		1.7	0.64	ng/L		09/06/19 10:07	09/09/19 22:22	1
Perfluorododecanoic acid (PFDoA)	ND		1.7	0.49	ng/L		09/06/19 10:07	09/09/19 22:22	1
Perfluorotridecanoic acid (PFTriA)	ND		1.7	0.50	ng/L		09/06/19 10:07	09/09/19 22:22	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.7	0.76	ng/L		09/06/19 10:07	09/09/19 22:22	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.7	0.40	ng/L		09/06/19 10:07	09/09/19 22:22	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.7	0.66	ng/L		09/06/19 10:07	09/09/19 22:22	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.7	0.78	ng/L		09/06/19 10:07	09/09/19 22:22	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.7	0.74	ng/L		09/06/19 10:07	09/09/19 22:22	1
Perfluorooctanesulfonic acid (PFOS)	ND	*	1.7	0.50	ng/L		09/06/19 10:07	09/09/19 22:22	1
Perfluorooctanesulfonamide (FOSA)	ND		8.3	8.3	ng/L		09/06/19 10:07	09/09/19 22:22	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-15D
Lab Sample ID: 480-158459-2
Date Collected: 08/27/19 16:40
Matrix: Water
Date Received: 08/30/19 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		17	1.4	ng/L		09/06/19 10:07	09/09/19 22:22	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND	*	17	1.2	ng/L		09/06/19 10:07	09/09/19 22:22	1
6:2 FTS	ND		17	4.5	ng/L		09/06/19 10:07	09/09/19 22:22	1
8:2 FTS	ND		17	2.4	ng/L		09/06/19 10:07	09/09/19 22:22	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*62*		*25 - 150*	*09/06/19 10:07*	*09/09/19 22:22*	*1*
13C4 PFBA	*69*		*25 - 150*	*09/06/19 10:07*	*09/09/19 22:22*	*1*
13C5-PFPeA DNU	*88*		*25 - 150*	*09/06/19 10:07*	*09/09/19 22:22*	*1*
13C2 PFHxA	*96*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:22*	*1*
13C4 PFHpA	*102*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:22*	*1*
13C4 PFOA	*99*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:22*	*1*
13C5 PFNA	*88*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:22*	*1*
13C2 PFDA	*102*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:22*	*1*
13C2 PFUnA	*86*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:22*	*1*
13C2 PFDoA	*92*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:22*	*1*
13C2 PFTeDA	*85*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:22*	*1*
18O2 PFHxS	*120*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:22*	*1*
13C4 PFOS	*92*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:22*	*1*
d3-NMeFOSAA	*90*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:22*	*1*
d5-NEtFOSAA	*81*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:22*	*1*
M2-6:2 FTS	*109*		*25 - 150*	*09/06/19 10:07*	*09/09/19 22:22*	*1*
M2-8:2 FTS	*99*		*25 - 150*	*09/06/19 10:07*	*09/09/19 22:22*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1.5**		0.20	0.060	mg/L		09/05/19 06:25	09/10/19 16:54	1
Antimony	ND		0.020	0.0068	mg/L		09/05/19 06:25	09/10/19 16:54	1
Arsenic	ND		0.015	0.0056	mg/L		09/05/19 06:25	09/10/19 16:54	1
Barium	**0.035**		0.0020	0.00070	mg/L		09/05/19 06:25	09/10/19 16:54	1
Beryllium	ND		0.0020	0.00030	mg/L		09/05/19 06:25	09/10/19 16:54	1
Cadmium	ND		0.0020	0.00050	mg/L		09/05/19 06:25	09/10/19 16:54	1
Calcium	**135**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 16:54	1
Chromium	**0.0051**		0.0040	0.0010	mg/L		09/05/19 06:25	09/10/19 16:54	1
Cobalt	ND		0.0040	0.00063	mg/L		09/05/19 06:25	09/10/19 16:54	1
Copper	**0.0073**	**J**	0.010	0.0016	mg/L		09/05/19 06:25	09/10/19 16:54	1
Iron	**2.2**		0.050	0.019	mg/L		09/05/19 06:25	09/10/19 16:54	1
Lead	**0.019**		0.010	0.0030	mg/L		09/05/19 06:25	09/10/19 16:54	1
Magnesium	**25.7**		0.20	0.043	mg/L		09/05/19 06:25	09/10/19 16:54	1
Manganese	**0.14**		0.0030	0.00040	mg/L		09/05/19 06:25	09/10/19 16:54	1
Nickel	**0.0018**	**J**	0.010	0.0013	mg/L		09/05/19 06:25	09/10/19 16:54	1
Potassium	**3.8**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 16:54	1
Selenium	ND		0.025	0.0087	mg/L		09/05/19 06:25	09/10/19 16:54	1
Silver	ND		0.0060	0.0017	mg/L		09/05/19 06:25	09/10/19 16:54	1
Sodium	**137**		1.0	0.32	mg/L		09/05/19 06:25	09/10/19 16:54	1
Thallium	ND		0.020	0.010	mg/L		09/05/19 06:25	09/10/19 16:54	1
Vanadium	**0.0038**	**J**	0.0050	0.0015	mg/L		09/05/19 06:25	09/10/19 16:54	1
Zinc	**0.049**	**B**	0.010	0.0015	mg/L		09/05/19 06:25	09/10/19 16:54	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-15D
Lab Sample ID: 480-158459-2
Date Collected: 08/27/19 16:40
Matrix: Water
Date Received: 08/30/19 08:00

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/10/19 11:40	09/10/19 16:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.0078	J	0.010	0.0050	mg/L		09/08/19 14:57	09/09/19 12:29	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-11D
Lab Sample ID: 480-158459-3
Date Collected: 08/27/19 14:15
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	F2	1.0	0.82	ug/L			09/04/19 17:02	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/04/19 17:02	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/04/19 17:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F2	1.0	0.31	ug/L			09/04/19 17:02	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/04/19 17:02	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/04/19 17:02	1
1,2,4-Trichlorobenzene	ND	F1	1.0	0.41	ug/L			09/04/19 17:02	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/04/19 17:02	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/04/19 17:02	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/04/19 17:02	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/04/19 17:02	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/04/19 17:02	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/04/19 17:02	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/04/19 17:02	1
2-Hexanone	ND		5.0	1.2	ug/L			09/04/19 17:02	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/04/19 17:02	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/04/19 17:02	1
Acetone	ND		10	3.0	ug/L			09/04/19 17:02	1
Benzene	ND		1.0	0.41	ug/L			09/04/19 17:02	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/04/19 17:02	1
Bromoform	ND		1.0	0.26	ug/L			09/04/19 17:02	1
Bromomethane	ND		1.0	0.69	ug/L			09/04/19 17:02	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/04/19 17:02	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/04/19 17:02	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/04/19 17:02	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/04/19 17:02	1
Chloroethane	ND		1.0	0.32	ug/L			09/04/19 17:02	1
Chloroform	ND		1.0	0.34	ug/L			09/04/19 17:02	1
Chloromethane	ND		1.0	0.35	ug/L			09/04/19 17:02	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/04/19 17:02	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/04/19 17:02	1
Cyclohexane	ND	F2	1.0	0.18	ug/L			09/04/19 17:02	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/04/19 17:02	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/04/19 17:02	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/04/19 17:02	1
Methyl acetate	ND		2.5	1.3	ug/L			09/04/19 17:02	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/04/19 17:02	1
Methylcyclohexane	ND	F2	1.0	0.16	ug/L			09/04/19 17:02	1
Methylene Chloride	**0.57**	**J**	1.0	0.44	ug/L			09/04/19 17:02	1
Styrene	ND		1.0	0.73	ug/L			09/04/19 17:02	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/04/19 17:02	1
Toluene	ND		1.0	0.51	ug/L			09/04/19 17:02	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/04/19 17:02	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/04/19 17:02	1
Trichloroethene	ND		1.0	0.46	ug/L			09/04/19 17:02	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/04/19 17:02	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/04/19 17:02	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/04/19 17:02	1
m,p-Xylene	ND		2.0	0.66	ug/L			09/04/19 17:02	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-11D
Lab Sample ID: 480-158459-3
Date Collected: 08/27/19 14:15
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.0	0.76	ug/L			09/04/19 17:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*09/04/19 17:02*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*09/04/19 17:02*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*09/04/19 17:02*	*1*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND	H	0.83	0.42	ug/L		09/04/19 07:35	09/06/19 14:31	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*65*		*15 - 110*	*09/04/19 07:35*	*09/06/19 14:31*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND	H	5.0	0.65	ug/L		09/04/19 15:05	09/06/19 13:18	1
bis (2-chloroisopropyl) ether	ND	H	5.0	0.52	ug/L		09/04/19 15:05	09/06/19 13:18	1
2,4,5-Trichlorophenol	ND	H	5.0	0.48	ug/L		09/04/19 15:05	09/06/19 13:18	1
2,4,6-Trichlorophenol	ND	H	5.0	0.61	ug/L		09/04/19 15:05	09/06/19 13:18	1
2,4-Dichlorophenol	ND	H	5.0	0.51	ug/L		09/04/19 15:05	09/06/19 13:18	1
2,4-Dimethylphenol	ND	H	5.0	0.50	ug/L		09/04/19 15:05	09/06/19 13:18	1
2,4-Dinitrophenol	ND	H	10	2.2	ug/L		09/04/19 15:05	09/06/19 13:18	1
2,4-Dinitrotoluene	ND	H	5.0	0.45	ug/L		09/04/19 15:05	09/06/19 13:18	1
2,6-Dinitrotoluene	ND	H	5.0	0.40	ug/L		09/04/19 15:05	09/06/19 13:18	1
2-Chloronaphthalene	ND	H	5.0	0.46	ug/L		09/04/19 15:05	09/06/19 13:18	1
2-Chlorophenol	ND	H	5.0	0.53	ug/L		09/04/19 15:05	09/06/19 13:18	1
2-Methylnaphthalene	ND	H	5.0	0.60	ug/L		09/04/19 15:05	09/06/19 13:18	1
2-Methylphenol	ND	H	5.0	0.40	ug/L		09/04/19 15:05	09/06/19 13:18	1
2-Nitroaniline	ND	H	10	0.42	ug/L		09/04/19 15:05	09/06/19 13:18	1
2-Nitrophenol	ND	H	5.0	0.48	ug/L		09/04/19 15:05	09/06/19 13:18	1
3,3'-Dichlorobenzidine	ND	H	5.0	0.40	ug/L		09/04/19 15:05	09/06/19 13:18	1
3-Nitroaniline	ND	H	10	0.48	ug/L		09/04/19 15:05	09/06/19 13:18	1
4,6-Dinitro-2-methylphenol	ND	H	10	2.2	ug/L		09/04/19 15:05	09/06/19 13:18	1
4-Bromophenyl phenyl ether	ND	H	5.0	0.45	ug/L		09/04/19 15:05	09/06/19 13:18	1
4-Chloro-3-methylphenol	ND	H	5.0	0.45	ug/L		09/04/19 15:05	09/06/19 13:18	1
4-Chloroaniline	ND	H	5.0	0.59	ug/L		09/04/19 15:05	09/06/19 13:18	1
4-Chlorophenyl phenyl ether	ND	H	5.0	0.35	ug/L		09/04/19 15:05	09/06/19 13:18	1
4-Methylphenol	ND	H	10	0.36	ug/L		09/04/19 15:05	09/06/19 13:18	1
4-Nitroaniline	ND	H	10	0.25	ug/L		09/04/19 15:05	09/06/19 13:18	1
4-Nitrophenol	ND	H	10	1.5	ug/L		09/04/19 15:05	09/06/19 13:18	1
Acenaphthene	ND	H	5.0	0.41	ug/L		09/04/19 15:05	09/06/19 13:18	1
Acenaphthylene	ND	H	5.0	0.38	ug/L		09/04/19 15:05	09/06/19 13:18	1
Acetophenone	ND	H	5.0	0.54	ug/L		09/04/19 15:05	09/06/19 13:18	1
Anthracene	ND	H	5.0	0.28	ug/L		09/04/19 15:05	09/06/19 13:18	1
Atrazine	ND	H	5.0	0.46	ug/L		09/04/19 15:05	09/06/19 13:18	1
Benzaldehyde	ND	H	5.0	0.27	ug/L		09/04/19 15:05	09/06/19 13:18	1
Benzo(a)anthracene	ND	H	5.0	0.36	ug/L		09/04/19 15:05	09/06/19 13:18	1
Benzo(a)pyrene	ND	H	5.0	0.47	ug/L		09/04/19 15:05	09/06/19 13:18	1
Benzo(b)fluoranthene	ND	H	5.0	0.34	ug/L		09/04/19 15:05	09/06/19 13:18	1
Benzo(g,h,i)perylene	ND	H	5.0	0.35	ug/L		09/04/19 15:05	09/06/19 13:18	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-11D
Lab Sample ID: 480-158459-3
Date Collected: 08/27/19 14:15
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(k)fluoranthene	ND	H	5.0	0.73	ug/L		09/04/19 15:05	09/06/19 13:18	1
Bis(2-chloroethoxy)methane	ND	H	5.0	0.35	ug/L		09/04/19 15:05	09/06/19 13:18	1
Bis(2-chloroethyl)ether	ND	H	5.0	0.40	ug/L		09/04/19 15:05	09/06/19 13:18	1
Bis(2-ethylhexyl) phthalate	ND	H	5.0	2.2	ug/L		09/04/19 15:05	09/06/19 13:18	1
Butyl benzyl phthalate	ND	H	5.0	1.0	ug/L		09/04/19 15:05	09/06/19 13:18	1
Caprolactam	ND	H	5.0	2.2	ug/L		09/04/19 15:05	09/06/19 13:18	1
Carbazole	ND	H	5.0	0.30	ug/L		09/04/19 15:05	09/06/19 13:18	1
Chrysene	ND	H	5.0	0.33	ug/L		09/04/19 15:05	09/06/19 13:18	1
Di-n-butyl phthalate	ND	H	5.0	0.31	ug/L		09/04/19 15:05	09/06/19 13:18	1
Di-n-octyl phthalate	ND	H	5.0	0.47	ug/L		09/04/19 15:05	09/06/19 13:18	1
Dibenz(a,h)anthracene	ND	H	5.0	0.42	ug/L		09/04/19 15:05	09/06/19 13:18	1
Dibenzofuran	ND	H	10	0.51	ug/L		09/04/19 15:05	09/06/19 13:18	1
Diethyl phthalate	ND	H	5.0	0.22	ug/L		09/04/19 15:05	09/06/19 13:18	1
Dimethyl phthalate	ND	H	5.0	0.36	ug/L		09/04/19 15:05	09/06/19 13:18	1
Fluoranthene	ND	H	5.0	0.40	ug/L		09/04/19 15:05	09/06/19 13:18	1
Fluorene	ND	H	5.0	0.36	ug/L		09/04/19 15:05	09/06/19 13:18	1
Hexachlorobenzene	ND	H	5.0	0.51	ug/L		09/04/19 15:05	09/06/19 13:18	1
Hexachlorobutadiene	ND	H	5.0	0.68	ug/L		09/04/19 15:05	09/06/19 13:18	1
Hexachlorocyclopentadiene	ND	H	5.0	0.59	ug/L		09/04/19 15:05	09/06/19 13:18	1
Hexachloroethane	ND	H	5.0	0.59	ug/L		09/04/19 15:05	09/06/19 13:18	1
Indeno(1,2,3-cd)pyrene	ND	H	5.0	0.47	ug/L		09/04/19 15:05	09/06/19 13:18	1
Isophorone	ND	H	5.0	0.43	ug/L		09/04/19 15:05	09/06/19 13:18	1
N-Nitrosodi-n-propylamine	ND	H	5.0	0.54	ug/L		09/04/19 15:05	09/06/19 13:18	1
N-Nitrosodiphenylamine	ND	H	5.0	0.51	ug/L		09/04/19 15:05	09/06/19 13:18	1
Naphthalene	ND	H	5.0	0.76	ug/L		09/04/19 15:05	09/06/19 13:18	1
Nitrobenzene	ND	H	5.0	0.29	ug/L		09/04/19 15:05	09/06/19 13:18	1
Pentachlorophenol	ND	H	10	2.2	ug/L		09/04/19 15:05	09/06/19 13:18	1
Phenanthrene	ND	H	5.0	0.44	ug/L		09/04/19 15:05	09/06/19 13:18	1
Phenol	ND	H	5.0	0.39	ug/L		09/04/19 15:05	09/06/19 13:18	1
Pyrene	ND	H	5.0	0.34	ug/L		09/04/19 15:05	09/06/19 13:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*99*		*41 - 120*	*09/04/19 15:05*	*09/06/19 13:18*	*1*
2-Fluorobiphenyl	*101*		*48 - 120*	*09/04/19 15:05*	*09/06/19 13:18*	*1*
2-Fluorophenol	*61*		*35 - 120*	*09/04/19 15:05*	*09/06/19 13:18*	*1*
Nitrobenzene-d5	*81*		*46 - 120*	*09/04/19 15:05*	*09/06/19 13:18*	*1*
p-Terphenyl-d14	*84*		*60 - 148*	*09/04/19 15:05*	*09/06/19 13:18*	*1*
Phenol-d5	*46*		*22 - 120*	*09/04/19 15:05*	*09/06/19 13:18*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND	H	0.052	0.0096	ug/L		09/04/19 07:51	09/05/19 11:57	1
4,4'-DDE	ND	H	0.052	0.012	ug/L		09/04/19 07:51	09/05/19 11:57	1
4,4'-DDT	ND	H *	0.052	0.011	ug/L		09/04/19 07:51	09/05/19 11:57	1
Aldrin	ND	H	0.052	0.0084	ug/L		09/04/19 07:51	09/05/19 11:57	1
alpha-BHC	**0.0093**	**J H**	0.052	0.0080	ug/L		09/04/19 07:51	09/05/19 11:57	1
cis-Chlordane	ND	H	0.052	0.015	ug/L		09/04/19 07:51	09/05/19 11:57	1
beta-BHC	ND	H	0.052	0.026	ug/L		09/04/19 07:51	09/05/19 11:57	1
delta-BHC	**0.010**	**J H B**	0.052	0.010	ug/L		09/04/19 07:51	09/05/19 11:57	1
Dieldrin	ND	H	0.052	0.010	ug/L		09/04/19 07:51	09/05/19 11:57	1

Client Sample ID: MW-11D
Lab Sample ID: 480-158459-3
Date Collected: 08/27/19 14:15
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	ND	H	0.052	0.011	ug/L		09/04/19 07:51	09/05/19 11:57	1
Endosulfan II	ND	H	0.052	0.013	ug/L		09/04/19 07:51	09/05/19 11:57	1
Endosulfan sulfate	ND	H *	0.052	0.016	ug/L		09/04/19 07:51	09/05/19 11:57	1
Endrin	ND	H	0.052	0.014	ug/L		09/04/19 07:51	09/05/19 11:57	1
Endrin aldehyde	ND	H	0.052	0.017	ug/L		09/04/19 07:51	09/05/19 11:57	1
Endrin ketone	ND	H	0.052	0.013	ug/L		09/04/19 07:51	09/05/19 11:57	1
gamma-BHC (Lindane)	ND	H	0.052	0.0083	ug/L		09/04/19 07:51	09/05/19 11:57	1
trans-Chlordane	ND	H	0.052	0.011	ug/L		09/04/19 07:51	09/05/19 11:57	1
Heptachlor	ND	H	0.052	0.0089	ug/L		09/04/19 07:51	09/05/19 11:57	1
Heptachlor epoxide	ND	H	0.052	0.0077	ug/L		09/04/19 07:51	09/05/19 11:57	1
Methoxychlor	ND	H	0.052	0.015	ug/L		09/04/19 07:51	09/05/19 11:57	1
Toxaphene	ND	H	0.52	0.13	ug/L		09/04/19 07:51	09/05/19 11:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*71*		*20 - 120*	*09/04/19 07:51*	*09/05/19 11:57*	*1*
Tetrachloro-m-xylene	*97*		*44 - 120*	*09/04/19 07:51*	*09/05/19 11:57*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 21:42	1
PCB-1221	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 21:42	1
PCB-1232	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 21:42	1
PCB-1242	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 21:42	1
PCB-1248	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 21:42	1
PCB-1254	ND		0.50	0.25	ug/L		09/09/19 08:22	09/10/19 21:42	1
PCB-1260	ND		0.50	0.25	ug/L		09/09/19 08:22	09/10/19 21:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*44*		*19 - 120*	*09/09/19 08:22*	*09/10/19 21:42*	*1*
Tetrachloro-m-xylene	*84*		*39 - 121*	*09/09/19 08:22*	*09/10/19 21:42*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**3.5**		1.7	0.85	ng/L		09/06/19 10:07	09/09/19 22:30	1
Perfluoropentanoic acid (PFPeA)	**0.66**	**J**	1.7	0.53	ng/L		09/06/19 10:07	09/09/19 22:30	1
Perfluorohexanoic acid (PFHxA)	**3.4**		1.7	0.64	ng/L		09/06/19 10:07	09/09/19 22:30	1
Perfluoroheptanoic acid (PFHpA)	ND		1.7	0.77	ng/L		09/06/19 10:07	09/09/19 22:30	1
Perfluorooctanoic acid (PFOA)	ND		1.7	0.69	ng/L		09/06/19 10:07	09/09/19 22:30	1
Perfluorononanoic acid (PFNA)	ND		1.7	0.23	ng/L		09/06/19 10:07	09/09/19 22:30	1
Perfluorodecanoic acid (PFDA)	ND		1.7	0.65	ng/L		09/06/19 10:07	09/09/19 22:30	1
Perfluoroundecanoic acid (PFUnA)	ND		1.7	0.66	ng/L		09/06/19 10:07	09/09/19 22:30	1
Perfluorododecanoic acid (PFDoA)	ND		1.7	0.50	ng/L		09/06/19 10:07	09/09/19 22:30	1
Perfluorotridecanoic acid (PFTriA)	ND		1.7	0.51	ng/L		09/06/19 10:07	09/09/19 22:30	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.7	0.78	ng/L		09/06/19 10:07	09/09/19 22:30	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.7	0.42	ng/L		09/06/19 10:07	09/09/19 22:30	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.7	0.68	ng/L		09/06/19 10:07	09/09/19 22:30	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.7	0.81	ng/L		09/06/19 10:07	09/09/19 22:30	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.7	0.76	ng/L		09/06/19 10:07	09/09/19 22:30	1
Perfluorooctanesulfonic acid (PFOS)	ND	*	1.7	0.52	ng/L		09/06/19 10:07	09/09/19 22:30	1
Perfluorooctanesulfonamide (FOSA)	ND		8.5	8.5	ng/L		09/06/19 10:07	09/09/19 22:30	1

Client Sample ID: MW-11D
Lab Sample ID: 480-158459-3
Date Collected: 08/27/19 14:15
Matrix: Water
Date Received: 08/30/19 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		17	1.4	ng/L		09/06/19 10:07	09/09/19 22:30	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND	*	17	1.3	ng/L		09/06/19 10:07	09/09/19 22:30	1
6:2 FTS	ND		17	4.7	ng/L		09/06/19 10:07	09/09/19 22:30	1
8:2 FTS	ND		17	2.5	ng/L		09/06/19 10:07	09/09/19 22:30	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*78*		*25 - 150*	*09/06/19 10:07*	*09/09/19 22:30*	*1*
13C4 PFBA	*88*		*25 - 150*	*09/06/19 10:07*	*09/09/19 22:30*	*1*
13C5-PFPeA DNU	*97*		*25 - 150*	*09/06/19 10:07*	*09/09/19 22:30*	*1*
13C2 PFHxA	*103*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:30*	*1*
13C4 PFHpA	*107*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:30*	*1*
13C4 PFOA	*111*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:30*	*1*
13C5 PFNA	*102*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:30*	*1*
13C2 PFDA	*110*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:30*	*1*
13C2 PFUnA	*94*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:30*	*1*
13C2 PFDoA	*105*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:30*	*1*
13C2 PFTeDA	*99*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:30*	*1*
18O2 PFHxS	*125*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:30*	*1*
13C4 PFOS	*104*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:30*	*1*
d3-NMeFOSAA	*98*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:30*	*1*
d5-NEtFOSAA	*87*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:30*	*1*
M2-6:2 FTS	*113*		*25 - 150*	*09/06/19 10:07*	*09/09/19 22:30*	*1*
M2-8:2 FTS	*103*		*25 - 150*	*09/06/19 10:07*	*09/09/19 22:30*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/05/19 06:25	09/10/19 16:58	1
Antimony	ND		0.020	0.0068	mg/L		09/05/19 06:25	09/10/19 16:58	1
Arsenic	ND		0.015	0.0056	mg/L		09/05/19 06:25	09/10/19 16:58	1
Barium	**0.20**	**F1**	0.0020	0.00070	mg/L		09/05/19 06:25	09/10/19 16:58	1
Beryllium	ND		0.0020	0.00030	mg/L		09/05/19 06:25	09/10/19 16:58	1
Cadmium	ND		0.0020	0.00050	mg/L		09/05/19 06:25	09/10/19 16:58	1
Calcium	**165**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 16:58	1
Chromium	ND		0.0040	0.0010	mg/L		09/05/19 06:25	09/10/19 16:58	1
Cobalt	ND		0.0040	0.00063	mg/L		09/05/19 06:25	09/10/19 16:58	1
Copper	ND		0.010	0.0016	mg/L		09/05/19 06:25	09/10/19 16:58	1
Iron	**2.7**		0.050	0.019	mg/L		09/05/19 06:25	09/10/19 16:58	1
Lead	ND		0.010	0.0030	mg/L		09/05/19 06:25	09/10/19 16:58	1
Magnesium	**25.3**		0.20	0.043	mg/L		09/05/19 06:25	09/10/19 16:58	1
Manganese	**0.20**		0.0030	0.00040	mg/L		09/05/19 06:25	09/10/19 16:58	1
Nickel	ND		0.010	0.0013	mg/L		09/05/19 06:25	09/10/19 16:58	1
Potassium	**4.9**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 16:58	1
Selenium	ND		0.025	0.0087	mg/L		09/05/19 06:25	09/10/19 16:58	1
Silver	ND		0.0060	0.0017	mg/L		09/05/19 06:25	09/10/19 16:58	1
Sodium	**86.7**		1.0	0.32	mg/L		09/05/19 06:25	09/10/19 16:58	1
Thallium	ND		0.020	0.010	mg/L		09/05/19 06:25	09/10/19 16:58	1
Vanadium	ND		0.0050	0.0015	mg/L		09/05/19 06:25	09/10/19 16:58	1
Zinc	ND		0.010	0.0015	mg/L		09/05/19 06:25	09/10/19 16:58	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-11D
Lab Sample ID: 480-158459-3
Date Collected: 08/27/19 14:15
Matrix: Water
Date Received: 08/30/19 08:00

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/10/19 11:40	09/10/19 16:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010		0.010	0.0050	mg/L		09/08/19 14:57	09/09/19 12:31	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-30
Lab Sample ID: 480-158459-4
Date Collected: 08/27/19 15:15
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/04/19 17:25	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/04/19 17:25	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/04/19 17:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/04/19 17:25	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/04/19 17:25	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/04/19 17:25	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/04/19 17:25	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/04/19 17:25	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/04/19 17:25	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/04/19 17:25	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/04/19 17:25	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/04/19 17:25	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/04/19 17:25	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/04/19 17:25	1
2-Hexanone	ND		5.0	1.2	ug/L			09/04/19 17:25	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/04/19 17:25	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/04/19 17:25	1
Acetone	ND		10	3.0	ug/L			09/04/19 17:25	1
Benzene	ND		1.0	0.41	ug/L			09/04/19 17:25	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/04/19 17:25	1
Bromoform	ND		1.0	0.26	ug/L			09/04/19 17:25	1
Bromomethane	ND		1.0	0.69	ug/L			09/04/19 17:25	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/04/19 17:25	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/04/19 17:25	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/04/19 17:25	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/04/19 17:25	1
Chloroethane	ND		1.0	0.32	ug/L			09/04/19 17:25	1
Chloroform	ND		1.0	0.34	ug/L			09/04/19 17:25	1
Chloromethane	ND		1.0	0.35	ug/L			09/04/19 17:25	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/04/19 17:25	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/04/19 17:25	1
Cyclohexane	ND		1.0	0.18	ug/L			09/04/19 17:25	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/04/19 17:25	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/04/19 17:25	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/04/19 17:25	1
Methyl acetate	ND		2.5	1.3	ug/L			09/04/19 17:25	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/04/19 17:25	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/04/19 17:25	1
Methylene Chloride	**0.53**	**J**	1.0	0.44	ug/L			09/04/19 17:25	1
Styrene	ND		1.0	0.73	ug/L			09/04/19 17:25	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/04/19 17:25	1
Toluene	ND		1.0	0.51	ug/L			09/04/19 17:25	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/04/19 17:25	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/04/19 17:25	1
Trichloroethene	ND		1.0	0.46	ug/L			09/04/19 17:25	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/04/19 17:25	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/04/19 17:25	1
Xylenes, Total	**0.78**	**J**	2.0	0.66	ug/L			09/04/19 17:25	1
m,p-Xylene	**0.78**	**J**	2.0	0.66	ug/L			09/04/19 17:25	1

Client Sample ID: MW-30
Lab Sample ID: 480-158459-4
Date Collected: 08/27/19 15:15
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.0	0.76	ug/L			09/04/19 17:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*		*09/04/19 17:25*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*09/04/19 17:25*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*09/04/19 17:25*	*1*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND	H	0.80	0.40	ug/L		09/04/19 07:35	09/06/19 15:43	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*59*		*15 - 110*	*09/04/19 07:35*	*09/06/19 15:43*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND	H	5.0	0.65	ug/L		09/04/19 15:05	09/06/19 14:42	1
bis (2-chloroisopropyl) ether	ND	H	5.0	0.52	ug/L		09/04/19 15:05	09/06/19 14:42	1
2,4,5-Trichlorophenol	ND	H	5.0	0.48	ug/L		09/04/19 15:05	09/06/19 14:42	1
2,4,6-Trichlorophenol	ND	H	5.0	0.61	ug/L		09/04/19 15:05	09/06/19 14:42	1
2,4-Dichlorophenol	ND	H	5.0	0.51	ug/L		09/04/19 15:05	09/06/19 14:42	1
2,4-Dimethylphenol	ND	H	5.0	0.50	ug/L		09/04/19 15:05	09/06/19 14:42	1
2,4-Dinitrophenol	ND	H	10	2.2	ug/L		09/04/19 15:05	09/06/19 14:42	1
2,4-Dinitrotoluene	ND	H	5.0	0.45	ug/L		09/04/19 15:05	09/06/19 14:42	1
2,6-Dinitrotoluene	ND	H	5.0	0.40	ug/L		09/04/19 15:05	09/06/19 14:42	1
2-Chloronaphthalene	ND	H	5.0	0.46	ug/L		09/04/19 15:05	09/06/19 14:42	1
2-Chlorophenol	ND	H	5.0	0.53	ug/L		09/04/19 15:05	09/06/19 14:42	1
2-Methylnaphthalene	ND	H	5.0	0.60	ug/L		09/04/19 15:05	09/06/19 14:42	1
2-Methylphenol	ND	H	5.0	0.40	ug/L		09/04/19 15:05	09/06/19 14:42	1
2-Nitroaniline	ND	H	10	0.42	ug/L		09/04/19 15:05	09/06/19 14:42	1
2-Nitrophenol	ND	H	5.0	0.48	ug/L		09/04/19 15:05	09/06/19 14:42	1
3,3'-Dichlorobenzidine	ND	H	5.0	0.40	ug/L		09/04/19 15:05	09/06/19 14:42	1
3-Nitroaniline	ND	H	10	0.48	ug/L		09/04/19 15:05	09/06/19 14:42	1
4,6-Dinitro-2-methylphenol	ND	H	10	2.2	ug/L		09/04/19 15:05	09/06/19 14:42	1
4-Bromophenyl phenyl ether	ND	H	5.0	0.45	ug/L		09/04/19 15:05	09/06/19 14:42	1
4-Chloro-3-methylphenol	ND	H	5.0	0.45	ug/L		09/04/19 15:05	09/06/19 14:42	1
4-Chloroaniline	ND	H	5.0	0.59	ug/L		09/04/19 15:05	09/06/19 14:42	1
4-Chlorophenyl phenyl ether	ND	H	5.0	0.35	ug/L		09/04/19 15:05	09/06/19 14:42	1
4-Methylphenol	ND	H	10	0.36	ug/L		09/04/19 15:05	09/06/19 14:42	1
4-Nitroaniline	ND	H	10	0.25	ug/L		09/04/19 15:05	09/06/19 14:42	1
4-Nitrophenol	ND	H	10	1.5	ug/L		09/04/19 15:05	09/06/19 14:42	1
Acenaphthene	ND	H	5.0	0.41	ug/L		09/04/19 15:05	09/06/19 14:42	1
Acenaphthylene	ND	H	5.0	0.38	ug/L		09/04/19 15:05	09/06/19 14:42	1
Acetophenone	ND	H	5.0	0.54	ug/L		09/04/19 15:05	09/06/19 14:42	1
Anthracene	ND	H	5.0	0.28	ug/L		09/04/19 15:05	09/06/19 14:42	1
Atrazine	ND	H	5.0	0.46	ug/L		09/04/19 15:05	09/06/19 14:42	1
Benzaldehyde	ND	H	5.0	0.27	ug/L		09/04/19 15:05	09/06/19 14:42	1
Benzo(a)anthracene	ND	H	5.0	0.36	ug/L		09/04/19 15:05	09/06/19 14:42	1
Benzo(a)pyrene	ND	H	5.0	0.47	ug/L		09/04/19 15:05	09/06/19 14:42	1
Benzo(b)fluoranthene	ND	H	5.0	0.34	ug/L		09/04/19 15:05	09/06/19 14:42	1
Benzo(g,h,i)perylene	ND	H	5.0	0.35	ug/L		09/04/19 15:05	09/06/19 14:42	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-30
Lab Sample ID: 480-158459-4
Date Collected: 08/27/19 15:15
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(k)fluoranthene	ND	H	5.0	0.73	ug/L		09/04/19 15:05	09/06/19 14:42	1
Bis(2-chloroethoxy)methane	ND	H	5.0	0.35	ug/L		09/04/19 15:05	09/06/19 14:42	1
Bis(2-chloroethyl)ether	ND	H	5.0	0.40	ug/L		09/04/19 15:05	09/06/19 14:42	1
Bis(2-ethylhexyl) phthalate	ND	H	5.0	2.2	ug/L		09/04/19 15:05	09/06/19 14:42	1
Butyl benzyl phthalate	ND	H	5.0	1.0	ug/L		09/04/19 15:05	09/06/19 14:42	1
Caprolactam	ND	H	5.0	2.2	ug/L		09/04/19 15:05	09/06/19 14:42	1
Carbazole	ND	H	5.0	0.30	ug/L		09/04/19 15:05	09/06/19 14:42	1
Chrysene	ND	H	5.0	0.33	ug/L		09/04/19 15:05	09/06/19 14:42	1
Di-n-butyl phthalate	ND	H	5.0	0.31	ug/L		09/04/19 15:05	09/06/19 14:42	1
Di-n-octyl phthalate	ND	H	5.0	0.47	ug/L		09/04/19 15:05	09/06/19 14:42	1
Dibenz(a,h)anthracene	ND	H	5.0	0.42	ug/L		09/04/19 15:05	09/06/19 14:42	1
Dibenzofuran	ND	H	10	0.51	ug/L		09/04/19 15:05	09/06/19 14:42	1
Diethyl phthalate	ND	H	5.0	0.22	ug/L		09/04/19 15:05	09/06/19 14:42	1
Dimethyl phthalate	ND	H	5.0	0.36	ug/L		09/04/19 15:05	09/06/19 14:42	1
Fluoranthene	ND	H	5.0	0.40	ug/L		09/04/19 15:05	09/06/19 14:42	1
Fluorene	ND	H	5.0	0.36	ug/L		09/04/19 15:05	09/06/19 14:42	1
Hexachlorobenzene	ND	H	5.0	0.51	ug/L		09/04/19 15:05	09/06/19 14:42	1
Hexachlorobutadiene	ND	H	5.0	0.68	ug/L		09/04/19 15:05	09/06/19 14:42	1
Hexachlorocyclopentadiene	ND	H	5.0	0.59	ug/L		09/04/19 15:05	09/06/19 14:42	1
Hexachloroethane	ND	H	5.0	0.59	ug/L		09/04/19 15:05	09/06/19 14:42	1
Indeno(1,2,3-cd)pyrene	ND	H	5.0	0.47	ug/L		09/04/19 15:05	09/06/19 14:42	1
Isophorone	ND	H	5.0	0.43	ug/L		09/04/19 15:05	09/06/19 14:42	1
N-Nitrosodi-n-propylamine	ND	H	5.0	0.54	ug/L		09/04/19 15:05	09/06/19 14:42	1
N-Nitrosodiphenylamine	ND	H	5.0	0.51	ug/L		09/04/19 15:05	09/06/19 14:42	1
Naphthalene	ND	H	5.0	0.76	ug/L		09/04/19 15:05	09/06/19 14:42	1
Nitrobenzene	ND	H	5.0	0.29	ug/L		09/04/19 15:05	09/06/19 14:42	1
Pentachlorophenol	ND	H	10	2.2	ug/L		09/04/19 15:05	09/06/19 14:42	1
Phenanthrene	ND	H	5.0	0.44	ug/L		09/04/19 15:05	09/06/19 14:42	1
Phenol	ND	H	5.0	0.39	ug/L		09/04/19 15:05	09/06/19 14:42	1
Pyrene	ND	H	5.0	0.34	ug/L		09/04/19 15:05	09/06/19 14:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*101*		*41 - 120*	*09/04/19 15:05*	*09/06/19 14:42*	*1*
2-Fluorobiphenyl	*92*		*48 - 120*	*09/04/19 15:05*	*09/06/19 14:42*	*1*
2-Fluorophenol	*61*		*35 - 120*	*09/04/19 15:05*	*09/06/19 14:42*	*1*
Nitrobenzene-d5	*77*		*46 - 120*	*09/04/19 15:05*	*09/06/19 14:42*	*1*
p-Terphenyl-d14	*74*		*60 - 148*	*09/04/19 15:05*	*09/06/19 14:42*	*1*
Phenol-d5	*43*		*22 - 120*	*09/04/19 15:05*	*09/06/19 14:42*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND	H	0.050	0.0092	ug/L		09/04/19 07:51	09/05/19 12:56	1
4,4'-DDE	ND	H	0.050	0.012	ug/L		09/04/19 07:51	09/05/19 12:56	1
4,4'-DDT	ND	H *	0.050	0.011	ug/L		09/04/19 07:51	09/05/19 12:56	1
Aldrin	ND	H	0.050	0.0081	ug/L		09/04/19 07:51	09/05/19 12:56	1
alpha-BHC	**0.0084**	**J H**	0.050	0.0077	ug/L		09/04/19 07:51	09/05/19 12:56	1
cis-Chlordane	ND	H	0.050	0.015	ug/L		09/04/19 07:51	09/05/19 12:56	1
beta-BHC	ND	H	0.050	0.025	ug/L		09/04/19 07:51	09/05/19 12:56	1
delta-BHC	**0.010**	**J H B**	0.050	0.010	ug/L		09/04/19 07:51	09/05/19 12:56	1
Dieldrin	ND	H	0.050	0.0098	ug/L		09/04/19 07:51	09/05/19 12:56	1

Client Sample ID: MW-30
Date Collected: 08/27/19 15:15
Date Received: 08/30/19 08:00

Lab Sample ID: 480-158459-4
Matrix: Water

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	ND	H	0.050	0.011	ug/L		09/04/19 07:51	09/05/19 12:56	1
Endosulfan II	ND	H	0.050	0.012	ug/L		09/04/19 07:51	09/05/19 12:56	1
Endosulfan sulfate	ND	H *	0.050	0.016	ug/L		09/04/19 07:51	09/05/19 12:56	1
Endrin	ND	H	0.050	0.014	ug/L		09/04/19 07:51	09/05/19 12:56	1
Endrin aldehyde	ND	H	0.050	0.016	ug/L		09/04/19 07:51	09/05/19 12:56	1
Endrin ketone	ND	H	0.050	0.012	ug/L		09/04/19 07:51	09/05/19 12:56	1
gamma-BHC (Lindane)	ND	H	0.050	0.0080	ug/L		09/04/19 07:51	09/05/19 12:56	1
trans-Chlordane	ND	H	0.050	0.011	ug/L		09/04/19 07:51	09/05/19 12:56	1
Heptachlor	ND	H	0.050	0.0085	ug/L		09/04/19 07:51	09/05/19 12:56	1
Heptachlor epoxide	ND	H	0.050	0.0074	ug/L		09/04/19 07:51	09/05/19 12:56	1
Methoxychlor	ND	H	0.050	0.014	ug/L		09/04/19 07:51	09/05/19 12:56	1
Toxaphene	ND	H	0.50	0.12	ug/L		09/04/19 07:51	09/05/19 12:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*54*		*20 - 120*	*09/04/19 07:51*	*09/05/19 12:56*	*1*
Tetrachloro-m-xylene	*96*		*44 - 120*	*09/04/19 07:51*	*09/05/19 12:56*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 22:20	1
PCB-1221	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 22:20	1
PCB-1232	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 22:20	1
PCB-1242	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 22:20	1
PCB-1248	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 22:20	1
PCB-1254	ND		0.50	0.25	ug/L		09/09/19 08:22	09/10/19 22:20	1
PCB-1260	ND		0.50	0.25	ug/L		09/09/19 08:22	09/10/19 22:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*39*		*19 - 120*	*09/09/19 08:22*	*09/10/19 22:20*	*1*
Tetrachloro-m-xylene	*82*		*39 - 121*	*09/09/19 08:22*	*09/10/19 22:20*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**21**		1.7	0.83	ng/L		09/06/19 10:07	09/09/19 22:54	1
Perfluoropentanoic acid (PFPeA)	**12**		1.7	0.53	ng/L		09/06/19 10:07	09/09/19 22:54	1
Perfluorohexanoic acid (PFHxA)	**11**		1.7	0.63	ng/L		09/06/19 10:07	09/09/19 22:54	1
Perfluoroheptanoic acid (PFHpA)	**8.2**		1.7	0.76	ng/L		09/06/19 10:07	09/09/19 22:54	1
Perfluorooctanoic acid (PFOA)	**13**		1.7	0.68	ng/L		09/06/19 10:07	09/09/19 22:54	1
Perfluorononanoic acid (PFNA)	**6.6**		1.7	0.23	ng/L		09/06/19 10:07	09/09/19 22:54	1
Perfluorodecanoic acid (PFDA)	**2.4**		1.7	0.64	ng/L		09/06/19 10:07	09/09/19 22:54	1
Perfluoroundecanoic acid (PFUnA)	**0.94**	**J**	1.7	0.65	ng/L		09/06/19 10:07	09/09/19 22:54	1
Perfluorododecanoic acid (PFDoA)	ND		1.7	0.49	ng/L		09/06/19 10:07	09/09/19 22:54	1
Perfluorotridecanoic acid (PFTriA)	ND		1.7	0.50	ng/L		09/06/19 10:07	09/09/19 22:54	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.7	0.77	ng/L		09/06/19 10:07	09/09/19 22:54	1
Perfluorobutanesulfonic acid (PFBS)	**1.3**	**J**	1.7	0.41	ng/L		09/06/19 10:07	09/09/19 22:54	1
Perfluorohexanesulfonic acid (PFHxS)	**4.4**		1.7	0.67	ng/L		09/06/19 10:07	09/09/19 22:54	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.7	0.79	ng/L		09/06/19 10:07	09/09/19 22:54	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-30
Lab Sample ID: 480-158459-4
Date Collected: 08/27/19 15:15
Matrix: Water
Date Received: 08/30/19 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	ND		1.7	0.75	ng/L		09/06/19 10:07	09/09/19 22:54	1
Perfluorooctanesulfonic acid (PFOS)	**20**	*	1.7	0.51	ng/L		09/06/19 10:07	09/09/19 22:54	1
Perfluorooctanesulfonamide (FOSA)	ND		8.3	8.3	ng/L		09/06/19 10:07	09/09/19 22:54	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		17	1.4	ng/L		09/06/19 10:07	09/09/19 22:54	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND	*	17	1.3	ng/L		09/06/19 10:07	09/09/19 22:54	1
6:2 FTS	ND		17	4.6	ng/L		09/06/19 10:07	09/09/19 22:54	1
8:2 FTS	ND		17	2.4	ng/L		09/06/19 10:07	09/09/19 22:54	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*67*		*25 - 150*	*09/06/19 10:07*	*09/09/19 22:54*	*1*
13C4 PFBA	*76*		*25 - 150*	*09/06/19 10:07*	*09/09/19 22:54*	*1*
13C5-PFPeA DNU	*85*		*25 - 150*	*09/06/19 10:07*	*09/09/19 22:54*	*1*
13C2 PFHxA	*97*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:54*	*1*
13C4 PFHpA	*101*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:54*	*1*
13C4 PFOA	*102*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:54*	*1*
13C5 PFNA	*96*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:54*	*1*
13C2 PFDA	*90*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:54*	*1*
13C2 PFUnA	*87*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:54*	*1*
13C2 PFDoA	*91*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:54*	*1*
13C2 PFTeDA	*92*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:54*	*1*
18O2 PFHxS	*122*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:54*	*1*
13C4 PFOS	*97*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:54*	*1*
d3-NMeFOSAA	*92*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:54*	*1*
d5-NEtFOSAA	*82*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:54*	*1*
M2-6:2 FTS	*120*		*25 - 150*	*09/06/19 10:07*	*09/09/19 22:54*	*1*
M2-8:2 FTS	*109*		*25 - 150*	*09/06/19 10:07*	*09/09/19 22:54*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**3.2**		0.20	0.060	mg/L		09/05/19 06:25	09/10/19 17:17	1
Antimony	ND		0.020	0.0068	mg/L		09/05/19 06:25	09/10/19 17:17	1
Arsenic	ND		0.015	0.0056	mg/L		09/05/19 06:25	09/10/19 17:17	1
Barium	**0.10**		0.0020	0.00070	mg/L		09/05/19 06:25	09/10/19 17:17	1
Beryllium	ND		0.0020	0.00030	mg/L		09/05/19 06:25	09/10/19 17:17	1
Cadmium	ND		0.0020	0.00050	mg/L		09/05/19 06:25	09/10/19 17:17	1
Calcium	**251**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 17:17	1
Chromium	**0.0031**	**J**	0.0040	0.0010	mg/L		09/05/19 06:25	09/10/19 17:17	1
Cobalt	**0.0021**	**J**	0.0040	0.00063	mg/L		09/05/19 06:25	09/10/19 17:17	1
Copper	**0.0033**	**J**	0.010	0.0016	mg/L		09/05/19 06:25	09/10/19 17:17	1
Iron	**5.0**		0.050	0.019	mg/L		09/05/19 06:25	09/10/19 17:17	1
Lead	**0.0040**	**J**	0.010	0.0030	mg/L		09/05/19 06:25	09/10/19 17:17	1
Magnesium	**41.0**		0.20	0.043	mg/L		09/05/19 06:25	09/10/19 17:17	1
Manganese	**1.8**		0.0030	0.00040	mg/L		09/05/19 06:25	09/10/19 17:17	1
Nickel	**0.0045**	**J**	0.010	0.0013	mg/L		09/05/19 06:25	09/10/19 17:17	1
Potassium	**8.7**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 17:17	1
Selenium	ND		0.025	0.0087	mg/L		09/05/19 06:25	09/10/19 17:17	1
Silver	ND		0.0060	0.0017	mg/L		09/05/19 06:25	09/10/19 17:17	1
Sodium	**15.8**		1.0	0.32	mg/L		09/05/19 06:25	09/10/19 17:17	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-30
Lab Sample ID: 480-158459-4
Date Collected: 08/27/19 15:15
Matrix: Water
Date Received: 08/30/19 08:00

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	ND		0.020	0.010	mg/L		09/05/19 06:25	09/10/19 17:17	1
Vanadium	**0.0056**		0.0050	0.0015	mg/L		09/05/19 06:25	09/10/19 17:17	1
Zinc	**0.015**	**B**	0.010	0.0015	mg/L		09/05/19 06:25	09/10/19 17:17	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/10/19 11:40	09/10/19 16:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.011**		0.010	0.0050	mg/L		09/08/19 14:57	09/09/19 12:38	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-32
Lab Sample ID: 480-158459-5
Date Collected: 08/29/19 09:30
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			09/10/19 05:31	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			09/10/19 05:31	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			09/10/19 05:31	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			09/10/19 05:31	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			09/10/19 05:31	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			09/10/19 05:31	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			09/10/19 05:31	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			09/10/19 05:31	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			09/10/19 05:31	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			09/10/19 05:31	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			09/10/19 05:31	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			09/10/19 05:31	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			09/10/19 05:31	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			09/10/19 05:31	5
2-Hexanone	ND		25	6.2	ug/L			09/10/19 05:31	5
2-Butanone (MEK)	ND		50	6.6	ug/L			09/10/19 05:31	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			09/10/19 05:31	5
Acetone	ND		50	15	ug/L			09/10/19 05:31	5
Benzene	ND		5.0	2.1	ug/L			09/10/19 05:31	5
Bromodichloromethane	ND		5.0	2.0	ug/L			09/10/19 05:31	5
Bromoform	ND		5.0	1.3	ug/L			09/10/19 05:31	5
Bromomethane	ND		5.0	3.5	ug/L			09/10/19 05:31	5
Carbon disulfide	ND		5.0	0.95	ug/L			09/10/19 05:31	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			09/10/19 05:31	5
Chlorobenzene	ND		5.0	3.8	ug/L			09/10/19 05:31	5
Dibromochloromethane	ND		5.0	1.6	ug/L			09/10/19 05:31	5
Chloroethane	ND		5.0	1.6	ug/L			09/10/19 05:31	5
Chloroform	ND		5.0	1.7	ug/L			09/10/19 05:31	5
Chloromethane	ND		5.0	1.8	ug/L			09/10/19 05:31	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			09/10/19 05:31	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			09/10/19 05:31	5
Cyclohexane	ND		5.0	0.90	ug/L			09/10/19 05:31	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			09/10/19 05:31	5
Ethylbenzene	ND		5.0	3.7	ug/L			09/10/19 05:31	5
Isopropylbenzene	ND		5.0	4.0	ug/L			09/10/19 05:31	5
Methyl acetate	ND		13	6.5	ug/L			09/10/19 05:31	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			09/10/19 05:31	5
Methylcyclohexane	ND		5.0	0.80	ug/L			09/10/19 05:31	5
Methylene Chloride	**2.8**	**J**	5.0	2.2	ug/L			09/10/19 05:31	5
Styrene	ND		5.0	3.7	ug/L			09/10/19 05:31	5
Tetrachloroethene	ND		5.0	1.8	ug/L			09/10/19 05:31	5
Toluene	ND		5.0	2.6	ug/L			09/10/19 05:31	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			09/10/19 05:31	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			09/10/19 05:31	5
Trichloroethene	ND		5.0	2.3	ug/L			09/10/19 05:31	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			09/10/19 05:31	5
Vinyl chloride	ND		5.0	4.5	ug/L			09/10/19 05:31	5
Xylenes, Total	ND		10	3.3	ug/L			09/10/19 05:31	5
m,p-Xylene	ND		10	3.3	ug/L			09/10/19 05:31	5

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-32
Lab Sample ID: 480-158459-5
Date Collected: 08/29/19 09:30
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.0	3.8	ug/L			09/10/19 05:31	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 120*		*09/10/19 05:31*	*5*
Toluene-d8 (Surr)	*90*		*80 - 120*		*09/10/19 05:31*	*5*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*09/10/19 05:31*	*5*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.80	0.40	ug/L		09/04/19 07:35	09/06/19 16:06	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*59*		*15 - 110*	*09/04/19 07:35*	*09/06/19 16:06*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		09/04/19 15:05	09/06/19 15:10	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/04/19 15:05	09/06/19 15:10	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/04/19 15:05	09/06/19 15:10	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/04/19 15:05	09/06/19 15:10	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/04/19 15:05	09/06/19 15:10	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/04/19 15:05	09/06/19 15:10	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/04/19 15:05	09/06/19 15:10	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/04/19 15:05	09/06/19 15:10	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 15:10	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/04/19 15:05	09/06/19 15:10	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/04/19 15:05	09/06/19 15:10	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/04/19 15:05	09/06/19 15:10	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 15:10	1
2-Nitroaniline	ND		10	0.42	ug/L		09/04/19 15:05	09/06/19 15:10	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/04/19 15:05	09/06/19 15:10	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 15:10	1
3-Nitroaniline	ND		10	0.48	ug/L		09/04/19 15:05	09/06/19 15:10	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/04/19 15:05	09/06/19 15:10	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/04/19 15:05	09/06/19 15:10	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/04/19 15:05	09/06/19 15:10	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/04/19 15:05	09/06/19 15:10	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/04/19 15:05	09/06/19 15:10	1
4-Methylphenol	**0.38**	**J**	10	0.36	ug/L		09/04/19 15:05	09/06/19 15:10	1
4-Nitroaniline	ND		10	0.25	ug/L		09/04/19 15:05	09/06/19 15:10	1
4-Nitrophenol	ND		10	1.5	ug/L		09/04/19 15:05	09/06/19 15:10	1
Acenaphthene	ND		5.0	0.41	ug/L		09/04/19 15:05	09/06/19 15:10	1
Acenaphthylene	ND		5.0	0.38	ug/L		09/04/19 15:05	09/06/19 15:10	1
Acetophenone	ND		5.0	0.54	ug/L		09/04/19 15:05	09/06/19 15:10	1
Anthracene	ND		5.0	0.28	ug/L		09/04/19 15:05	09/06/19 15:10	1
Atrazine	ND		5.0	0.46	ug/L		09/04/19 15:05	09/06/19 15:10	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/04/19 15:05	09/06/19 15:10	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		09/04/19 15:05	09/06/19 15:10	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		09/04/19 15:05	09/06/19 15:10	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		09/04/19 15:05	09/06/19 15:10	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		09/04/19 15:05	09/06/19 15:10	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-32
Lab Sample ID: 480-158459-5
Date Collected: 08/29/19 09:30
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		09/04/19 15:05	09/06/19 15:10	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/04/19 15:05	09/06/19 15:10	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 15:10	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/04/19 15:05	09/06/19 15:10	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/04/19 15:05	09/06/19 15:10	1
Caprolactam	ND		5.0	2.2	ug/L		09/04/19 15:05	09/06/19 15:10	1
Carbazole	ND		5.0	0.30	ug/L		09/04/19 15:05	09/06/19 15:10	1
Chrysene	ND		5.0	0.33	ug/L		09/04/19 15:05	09/06/19 15:10	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		09/04/19 15:05	09/06/19 15:10	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/04/19 15:05	09/06/19 15:10	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/04/19 15:05	09/06/19 15:10	1
Dibenzofuran	ND		10	0.51	ug/L		09/04/19 15:05	09/06/19 15:10	1
Diethyl phthalate	ND		5.0	0.22	ug/L		09/04/19 15:05	09/06/19 15:10	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/04/19 15:05	09/06/19 15:10	1
Fluoranthene	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 15:10	1
Fluorene	ND		5.0	0.36	ug/L		09/04/19 15:05	09/06/19 15:10	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/04/19 15:05	09/06/19 15:10	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/04/19 15:05	09/06/19 15:10	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/04/19 15:05	09/06/19 15:10	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/04/19 15:05	09/06/19 15:10	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		09/04/19 15:05	09/06/19 15:10	1
Isophorone	ND		5.0	0.43	ug/L		09/04/19 15:05	09/06/19 15:10	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/04/19 15:05	09/06/19 15:10	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/04/19 15:05	09/06/19 15:10	1
Naphthalene	ND		5.0	0.76	ug/L		09/04/19 15:05	09/06/19 15:10	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/04/19 15:05	09/06/19 15:10	1
Pentachlorophenol	ND		10	2.2	ug/L		09/04/19 15:05	09/06/19 15:10	1
Phenanthrene	ND		5.0	0.44	ug/L		09/04/19 15:05	09/06/19 15:10	1
Phenol	ND		5.0	0.39	ug/L		09/04/19 15:05	09/06/19 15:10	1
Pyrene	ND		5.0	0.34	ug/L		09/04/19 15:05	09/06/19 15:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*108*		*41 - 120*	*09/04/19 15:05*	*09/06/19 15:10*	*1*
2-Fluorobiphenyl	*99*		*48 - 120*	*09/04/19 15:05*	*09/06/19 15:10*	*1*
2-Fluorophenol	*64*		*35 - 120*	*09/04/19 15:05*	*09/06/19 15:10*	*1*
Nitrobenzene-d5	*78*		*46 - 120*	*09/04/19 15:05*	*09/06/19 15:10*	*1*
p-Terphenyl-d14	*76*		*60 - 148*	*09/04/19 15:05*	*09/06/19 15:10*	*1*
Phenol-d5	*45*		*22 - 120*	*09/04/19 15:05*	*09/06/19 15:10*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		09/04/19 07:51	09/05/19 13:15	1
4,4'-DDE	**0.031**	**J B**	0.050	0.012	ug/L		09/04/19 07:51	09/05/19 13:15	1
4,4'-DDT	ND	*	0.050	0.011	ug/L		09/04/19 07:51	09/05/19 13:15	1
Aldrin	ND		0.050	0.0081	ug/L		09/04/19 07:51	09/05/19 13:15	1
alpha-BHC	ND		0.050	0.0077	ug/L		09/04/19 07:51	09/05/19 13:15	1
cis-Chlordane	ND		0.050	0.015	ug/L		09/04/19 07:51	09/05/19 13:15	1
beta-BHC	ND		0.050	0.025	ug/L		09/04/19 07:51	09/05/19 13:15	1
delta-BHC	**0.042**	**J B**	0.050	0.010	ug/L		09/04/19 07:51	09/05/19 13:15	1
Dieldrin	ND		0.050	0.0098	ug/L		09/04/19 07:51	09/05/19 13:15	1

Client Sample ID: MW-32
Lab Sample ID: 480-158459-5
Date Collected: 08/29/19 09:30
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	ND		0.050	0.011	ug/L		09/04/19 07:51	09/05/19 13:15	1
Endosulfan II	ND		0.050	0.012	ug/L		09/04/19 07:51	09/05/19 13:15	1
Endosulfan sulfate	ND	*	0.050	0.016	ug/L		09/04/19 07:51	09/05/19 13:15	1
Endrin	ND		0.050	0.014	ug/L		09/04/19 07:51	09/05/19 13:15	1
Endrin aldehyde	ND		0.050	0.016	ug/L		09/04/19 07:51	09/05/19 13:15	1
Endrin ketone	ND		0.050	0.012	ug/L		09/04/19 07:51	09/05/19 13:15	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		09/04/19 07:51	09/05/19 13:15	1
trans-Chlordane	ND		0.050	0.011	ug/L		09/04/19 07:51	09/05/19 13:15	1
Heptachlor	ND		0.050	0.0085	ug/L		09/04/19 07:51	09/05/19 13:15	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		09/04/19 07:51	09/05/19 13:15	1
Methoxychlor	ND		0.050	0.014	ug/L		09/04/19 07:51	09/05/19 13:15	1
Toxaphene	ND		0.50	0.12	ug/L		09/04/19 07:51	09/05/19 13:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*50*		*20 - 120*	*09/04/19 07:51*	*09/05/19 13:15*	*1*
Tetrachloro-m-xylene	*107*		*44 - 120*	*09/04/19 07:51*	*09/05/19 13:15*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 22:33	1
PCB-1221	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 22:33	1
PCB-1232	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 22:33	1
PCB-1242	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 22:33	1
PCB-1248	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 22:33	1
PCB-1254	ND		0.50	0.25	ug/L		09/09/19 08:22	09/10/19 22:33	1
PCB-1260	ND		0.50	0.25	ug/L		09/09/19 08:22	09/10/19 22:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*36*		*19 - 120*	*09/09/19 08:22*	*09/10/19 22:33*	*1*
Tetrachloro-m-xylene	*93*		*39 - 121*	*09/09/19 08:22*	*09/10/19 22:33*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1.8**		0.20	0.060	mg/L		09/05/19 06:25	09/10/19 17:20	1
Antimony	ND		0.020	0.0068	mg/L		09/05/19 06:25	09/10/19 17:20	1
Arsenic	ND		0.015	0.0056	mg/L		09/05/19 06:25	09/10/19 17:20	1
Barium	**0.075**		0.0020	0.00070	mg/L		09/05/19 06:25	09/10/19 17:20	1
Beryllium	ND		0.0020	0.00030	mg/L		09/05/19 06:25	09/10/19 17:20	1
Cadmium	ND		0.0020	0.00050	mg/L		09/05/19 06:25	09/10/19 17:20	1
Calcium	**137**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 17:20	1
Chromium	**0.0025**	**J**	0.0040	0.0010	mg/L		09/05/19 06:25	09/10/19 17:20	1
Cobalt	**0.0010**	**J**	0.0040	0.00063	mg/L		09/05/19 06:25	09/10/19 17:20	1
Copper	**0.0025**	**J**	0.010	0.0016	mg/L		09/05/19 06:25	09/10/19 17:20	1
Iron	**10.6**		0.050	0.019	mg/L		09/05/19 06:25	09/10/19 17:20	1
Lead	**0.0078**	**J**	0.010	0.0030	mg/L		09/05/19 06:25	09/10/19 17:20	1
Magnesium	**23.2**		0.20	0.043	mg/L		09/05/19 06:25	09/10/19 17:20	1
Manganese	**1.6**		0.0030	0.00040	mg/L		09/05/19 06:25	09/10/19 17:20	1
Nickel	**0.0024**	**J**	0.010	0.0013	mg/L		09/05/19 06:25	09/10/19 17:20	1
Potassium	**12.3**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 17:20	1
Selenium	ND		0.025	0.0087	mg/L		09/05/19 06:25	09/10/19 17:20	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-32
Lab Sample ID: 480-158459-5
Date Collected: 08/29/19 09:30
Matrix: Water
Date Received: 08/30/19 08:00

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		09/05/19 06:25	09/10/19 17:20	1
Sodium	**17.8**		1.0	0.32	mg/L		09/05/19 06:25	09/10/19 17:20	1
Thallium	ND		0.020	0.010	mg/L		09/05/19 06:25	09/10/19 17:20	1
Vanadium	**0.0036**	**J**	0.0050	0.0015	mg/L		09/05/19 06:25	09/10/19 17:20	1
Zinc	**0.011**	**B**	0.010	0.0015	mg/L		09/05/19 06:25	09/10/19 17:20	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/10/19 11:40	09/10/19 16:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.13**		0.010	0.0050	mg/L		09/08/19 16:20	09/09/19 15:37	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-20
Lab Sample ID: 480-158459-6
Date Collected: 08/28/19 08:55
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			09/09/19 02:30	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			09/09/19 02:30	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			09/09/19 02:30	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			09/09/19 02:30	10
1,1-Dichloroethane	ND		10	3.8	ug/L			09/09/19 02:30	10
1,1-Dichloroethene	ND		10	2.9	ug/L			09/09/19 02:30	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			09/09/19 02:30	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			09/09/19 02:30	10
1,2-Dibromoethane	ND		10	7.3	ug/L			09/09/19 02:30	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			09/09/19 02:30	10
1,2-Dichloroethane	ND		10	2.1	ug/L			09/09/19 02:30	10
1,2-Dichloropropane	ND		10	7.2	ug/L			09/09/19 02:30	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			09/09/19 02:30	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			09/09/19 02:30	10
2-Hexanone	ND		50	12	ug/L			09/09/19 02:30	10
2-Butanone (MEK)	**130**		100	13	ug/L			09/09/19 02:30	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			09/09/19 02:30	10
Acetone	**570**		100	30	ug/L			09/09/19 02:30	10
Benzene	ND		10	4.1	ug/L			09/09/19 02:30	10
Bromodichloromethane	ND		10	3.9	ug/L			09/09/19 02:30	10
Bromoform	ND		10	2.6	ug/L			09/09/19 02:30	10
Bromomethane	ND		10	6.9	ug/L			09/09/19 02:30	10
Carbon disulfide	**6.0**	**J**	10	1.9	ug/L			09/09/19 02:30	10
Carbon tetrachloride	ND		10	2.7	ug/L			09/09/19 02:30	10
Chlorobenzene	ND		10	7.5	ug/L			09/09/19 02:30	10
Dibromochloromethane	ND		10	3.2	ug/L			09/09/19 02:30	10
Chloroethane	ND		10	3.2	ug/L			09/09/19 02:30	10
Chloroform	ND		10	3.4	ug/L			09/09/19 02:30	10
Chloromethane	ND		10	3.5	ug/L			09/09/19 02:30	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			09/09/19 02:30	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			09/09/19 02:30	10
Cyclohexane	ND		10	1.8	ug/L			09/09/19 02:30	10
Dichlorodifluoromethane	ND	F1	10	6.8	ug/L			09/09/19 02:30	10
Ethylbenzene	ND		10	7.4	ug/L			09/09/19 02:30	10
Isopropylbenzene	ND		10	7.9	ug/L			09/09/19 02:30	10
Methyl acetate	ND		25	13	ug/L			09/09/19 02:30	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			09/09/19 02:30	10
Methylcyclohexane	ND		10	1.6	ug/L			09/09/19 02:30	10
Methylene Chloride	ND		10	4.4	ug/L			09/09/19 02:30	10
Styrene	ND		10	7.3	ug/L			09/09/19 02:30	10
Tetrachloroethene	ND		10	3.6	ug/L			09/09/19 02:30	10
Toluene	**9.7**	**J**	10	5.1	ug/L			09/09/19 02:30	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			09/09/19 02:30	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			09/09/19 02:30	10
Trichloroethene	ND		10	4.6	ug/L			09/09/19 02:30	10
Trichlorofluoromethane	ND		10	8.8	ug/L			09/09/19 02:30	10
Vinyl chloride	ND		10	9.0	ug/L			09/09/19 02:30	10
Xylenes, Total	ND		20	6.6	ug/L			09/09/19 02:30	10
m,p-Xylene	ND		20	6.6	ug/L			09/09/19 02:30	10

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-20
Lab Sample ID: 480-158459-6
Date Collected: 08/28/19 08:55
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		10	7.6	ug/L			09/09/19 02:30	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*09/09/19 02:30*	*10*
Toluene-d8 (Surr)	*100*		*80 - 120*		*09/09/19 02:30*	*10*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*09/09/19 02:30*	*10*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**4.7**		4.2	2.1	ug/L		09/04/19 07:35	09/06/19 16:30	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*58*		*15 - 110*	*09/04/19 07:35*	*09/06/19 16:30*	*5*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		500	65	ug/L		09/04/19 15:05	09/06/19 15:38	20
bis (2-chloroisopropyl) ether	ND		500	52	ug/L		09/04/19 15:05	09/06/19 15:38	20
2,4,5-Trichlorophenol	ND		500	48	ug/L		09/04/19 15:05	09/06/19 15:38	20
2,4,6-Trichlorophenol	ND		500	61	ug/L		09/04/19 15:05	09/06/19 15:38	20
2,4-Dichlorophenol	ND		500	51	ug/L		09/04/19 15:05	09/06/19 15:38	20
2,4-Dimethylphenol	ND		500	50	ug/L		09/04/19 15:05	09/06/19 15:38	20
2,4-Dinitrophenol	ND		1000	220	ug/L		09/04/19 15:05	09/06/19 15:38	20
2,4-Dinitrotoluene	ND		500	45	ug/L		09/04/19 15:05	09/06/19 15:38	20
2,6-Dinitrotoluene	ND		500	40	ug/L		09/04/19 15:05	09/06/19 15:38	20
2-Chloronaphthalene	ND		500	46	ug/L		09/04/19 15:05	09/06/19 15:38	20
2-Chlorophenol	ND		500	53	ug/L		09/04/19 15:05	09/06/19 15:38	20
2-Methylnaphthalene	ND		500	60	ug/L		09/04/19 15:05	09/06/19 15:38	20
2-Methylphenol	**220**	**J**	500	40	ug/L		09/04/19 15:05	09/06/19 15:38	20
2-Nitroaniline	ND		1000	42	ug/L		09/04/19 15:05	09/06/19 15:38	20
2-Nitrophenol	ND		500	48	ug/L		09/04/19 15:05	09/06/19 15:38	20
3,3'-Dichlorobenzidine	ND		500	40	ug/L		09/04/19 15:05	09/06/19 15:38	20
3-Nitroaniline	ND		1000	48	ug/L		09/04/19 15:05	09/06/19 15:38	20
4,6-Dinitro-2-methylphenol	ND		1000	220	ug/L		09/04/19 15:05	09/06/19 15:38	20
4-Bromophenyl phenyl ether	ND		500	45	ug/L		09/04/19 15:05	09/06/19 15:38	20
4-Chloro-3-methylphenol	ND		500	45	ug/L		09/04/19 15:05	09/06/19 15:38	20
4-Chloroaniline	ND		500	59	ug/L		09/04/19 15:05	09/06/19 15:38	20
4-Chlorophenyl phenyl ether	ND		500	35	ug/L		09/04/19 15:05	09/06/19 15:38	20
4-Methylphenol	**310**	**J**	1000	36	ug/L		09/04/19 15:05	09/06/19 15:38	20
4-Nitroaniline	ND		1000	25	ug/L		09/04/19 15:05	09/06/19 15:38	20
4-Nitrophenol	ND		1000	150	ug/L		09/04/19 15:05	09/06/19 15:38	20
Acenaphthene	ND		500	41	ug/L		09/04/19 15:05	09/06/19 15:38	20
Acenaphthylene	ND		500	38	ug/L		09/04/19 15:05	09/06/19 15:38	20
Acetophenone	ND		500	54	ug/L		09/04/19 15:05	09/06/19 15:38	20
Anthracene	ND		500	28	ug/L		09/04/19 15:05	09/06/19 15:38	20
Atrazine	ND		500	46	ug/L		09/04/19 15:05	09/06/19 15:38	20
Benzaldehyde	ND		500	27	ug/L		09/04/19 15:05	09/06/19 15:38	20
Benzo(a)anthracene	ND		500	36	ug/L		09/04/19 15:05	09/06/19 15:38	20
Benzo(a)pyrene	ND		500	47	ug/L		09/04/19 15:05	09/06/19 15:38	20
Benzo(b)fluoranthene	ND		500	34	ug/L		09/04/19 15:05	09/06/19 15:38	20
Benzo(g,h,i)perylene	ND		500	35	ug/L		09/04/19 15:05	09/06/19 15:38	20

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-20
Lab Sample ID: 480-158459-6
Date Collected: 08/28/19 08:55
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(k)fluoranthene	ND		500	73	ug/L		09/04/19 15:05	09/06/19 15:38	20
Bis(2-chloroethoxy)methane	ND		500	35	ug/L		09/04/19 15:05	09/06/19 15:38	20
Bis(2-chloroethyl)ether	ND		500	40	ug/L		09/04/19 15:05	09/06/19 15:38	20
Bis(2-ethylhexyl) phthalate	ND		500	220	ug/L		09/04/19 15:05	09/06/19 15:38	20
Butyl benzyl phthalate	ND		500	100	ug/L		09/04/19 15:05	09/06/19 15:38	20
Caprolactam	ND		500	220	ug/L		09/04/19 15:05	09/06/19 15:38	20
Carbazole	ND		500	30	ug/L		09/04/19 15:05	09/06/19 15:38	20
Chrysene	ND		500	33	ug/L		09/04/19 15:05	09/06/19 15:38	20
Di-n-butyl phthalate	ND		500	31	ug/L		09/04/19 15:05	09/06/19 15:38	20
Di-n-octyl phthalate	ND		500	47	ug/L		09/04/19 15:05	09/06/19 15:38	20
Dibenz(a,h)anthracene	ND		500	42	ug/L		09/04/19 15:05	09/06/19 15:38	20
Dibenzofuran	ND		1000	51	ug/L		09/04/19 15:05	09/06/19 15:38	20
Diethyl phthalate	ND		500	22	ug/L		09/04/19 15:05	09/06/19 15:38	20
Dimethyl phthalate	ND		500	36	ug/L		09/04/19 15:05	09/06/19 15:38	20
Fluoranthene	ND		500	40	ug/L		09/04/19 15:05	09/06/19 15:38	20
Fluorene	ND		500	36	ug/L		09/04/19 15:05	09/06/19 15:38	20
Hexachlorobenzene	ND		500	51	ug/L		09/04/19 15:05	09/06/19 15:38	20
Hexachlorobutadiene	ND		500	68	ug/L		09/04/19 15:05	09/06/19 15:38	20
Hexachlorocyclopentadiene	ND		500	59	ug/L		09/04/19 15:05	09/06/19 15:38	20
Hexachloroethane	ND		500	59	ug/L		09/04/19 15:05	09/06/19 15:38	20
Indeno(1,2,3-cd)pyrene	ND		500	47	ug/L		09/04/19 15:05	09/06/19 15:38	20
Isophorone	ND		500	43	ug/L		09/04/19 15:05	09/06/19 15:38	20
N-Nitrosodi-n-propylamine	ND		500	54	ug/L		09/04/19 15:05	09/06/19 15:38	20
N-Nitrosodiphenylamine	ND		500	51	ug/L		09/04/19 15:05	09/06/19 15:38	20
Naphthalene	ND		500	76	ug/L		09/04/19 15:05	09/06/19 15:38	20
Nitrobenzene	ND		500	29	ug/L		09/04/19 15:05	09/06/19 15:38	20
Pentachlorophenol	ND		1000	220	ug/L		09/04/19 15:05	09/06/19 15:38	20
Phenanthrene	ND		500	44	ug/L		09/04/19 15:05	09/06/19 15:38	20
Phenol	**1500**		500	39	ug/L		09/04/19 15:05	09/06/19 15:38	20
Pyrene	ND		500	34	ug/L		09/04/19 15:05	09/06/19 15:38	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*97*		*41 - 120*	*09/04/19 15:05*	*09/06/19 15:38*	*20*
2-Fluorobiphenyl	*91*		*48 - 120*	*09/04/19 15:05*	*09/06/19 15:38*	*20*
2-Fluorophenol	*59*		*35 - 120*	*09/04/19 15:05*	*09/06/19 15:38*	*20*
Nitrobenzene-d5	*81*		*46 - 120*	*09/04/19 15:05*	*09/06/19 15:38*	*20*
p-Terphenyl-d14	*91*		*60 - 148*	*09/04/19 15:05*	*09/06/19 15:38*	*20*
Phenol-d5	*48*		*22 - 120*	*09/04/19 15:05*	*09/06/19 15:38*	*20*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	**0.16**	**J**	0.50	0.092	ug/L		09/04/19 07:51	09/06/19 10:43	10
4,4'-DDE	**0.17**	**J**	0.50	0.12	ug/L		09/04/19 07:51	09/06/19 10:43	10
4,4'-DDT	ND		0.50	0.11	ug/L		09/04/19 07:51	09/06/19 10:43	10
Aldrin	**0.19**	**J**	0.50	0.081	ug/L		09/04/19 07:51	09/06/19 10:43	10
alpha-BHC	**0.38**	**J**	0.50	0.077	ug/L		09/04/19 07:51	09/06/19 10:43	10
cis-Chlordane	ND		0.50	0.15	ug/L		09/04/19 07:51	09/06/19 10:43	10
beta-BHC	ND		0.50	0.25	ug/L		09/04/19 07:51	09/06/19 10:43	10
delta-BHC	ND		0.50	0.10	ug/L		09/04/19 07:51	09/06/19 10:43	10
Dieldrin	ND		0.50	0.098	ug/L		09/04/19 07:51	09/06/19 10:43	10

Client Sample ID: MW-20
Lab Sample ID: 480-158459-6
Date Collected: 08/28/19 08:55
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	ND		0.50	0.11	ug/L		09/04/19 07:51	09/06/19 10:43	10
Endosulfan II	ND		0.50	0.12	ug/L		09/04/19 07:51	09/06/19 10:43	10
Endosulfan sulfate	ND	*	0.50	0.16	ug/L		09/04/19 07:51	09/06/19 10:43	10
Endrin	ND		0.50	0.14	ug/L		09/04/19 07:51	09/06/19 10:43	10
Endrin aldehyde	ND		0.50	0.16	ug/L		09/04/19 07:51	09/06/19 10:43	10
Endrin ketone	ND		0.50	0.12	ug/L		09/04/19 07:51	09/06/19 10:43	10
gamma-BHC (Lindane)	ND		0.50	0.080	ug/L		09/04/19 07:51	09/06/19 10:43	10
trans-Chlordane	ND		0.50	0.11	ug/L		09/04/19 07:51	09/06/19 10:43	10
Heptachlor	ND		0.50	0.085	ug/L		09/04/19 07:51	09/06/19 10:43	10
Heptachlor epoxide	ND		0.50	0.074	ug/L		09/04/19 07:51	09/06/19 10:43	10
Methoxychlor	ND		0.50	0.14	ug/L		09/04/19 07:51	09/06/19 10:43	10
Toxaphene	ND		5.0	1.2	ug/L		09/04/19 07:51	09/06/19 10:43	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*0*	*X*	*20 - 120*	*09/04/19 07:51*	*09/06/19 10:43*	*10*
Tetrachloro-m-xylene	*378*	*X*	*44 - 120*	*09/04/19 07:51*	*09/06/19 10:43*	*10*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 22:46	1
PCB-1221	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 22:46	1
PCB-1232	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 22:46	1
PCB-1242	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 22:46	1
PCB-1248	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 22:46	1
PCB-1254	ND		0.50	0.25	ug/L		09/09/19 08:22	09/10/19 22:46	1
PCB-1260	ND		0.50	0.25	ug/L		09/09/19 08:22	09/10/19 22:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*19*		*19 - 120*	*09/09/19 08:22*	*09/10/19 22:46*	*1*
Tetrachloro-m-xylene	*63*		*39 - 121*	*09/09/19 08:22*	*09/10/19 22:46*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanoic acid (PFPeA)	**55**		3.5	1.1	ng/L		09/06/19 10:07	09/09/19 23:02	2
Perfluorohexanoic acid (PFHxA)	**15**		3.5	1.3	ng/L		09/06/19 10:07	09/09/19 23:02	2
Perfluoroheptanoic acid (PFHpA)	**3.5**		3.5	1.6	ng/L		09/06/19 10:07	09/09/19 23:02	2
Perfluorooctanoic acid (PFOA)	**7.2**		3.5	1.4	ng/L		09/06/19 10:07	09/09/19 23:02	2
Perfluorononanoic acid (PFNA)	**1.2**	**J**	3.5	0.47	ng/L		09/06/19 10:07	09/09/19 23:02	2
Perfluorodecanoic acid (PFDA)	ND		3.5	1.3	ng/L		09/06/19 10:07	09/09/19 23:02	2
Perfluoroundecanoic acid (PFUnA)	**1.5**	**J**	3.5	1.3	ng/L		09/06/19 10:07	09/09/19 23:02	2
Perfluorododecanoic acid (PFDoA)	ND		3.5	1.0	ng/L		09/06/19 10:07	09/09/19 23:02	2
Perfluorotridecanoic acid (PFTriA)	ND		3.5	1.0	ng/L		09/06/19 10:07	09/09/19 23:02	2
Perfluorotetradecanoic acid (PFTeA)	ND		3.5	1.6	ng/L		09/06/19 10:07	09/09/19 23:02	2
Perfluorobutanesulfonic acid (PFBS)	**8.6**		3.5	0.85	ng/L		09/06/19 10:07	09/09/19 23:02	2
Perfluorohexanesulfonic acid (PFHxS)	**3.1**	**J**	3.5	1.4	ng/L		09/06/19 10:07	09/09/19 23:02	2
Perfluoroheptanesulfonic Acid (PFHpS)	ND		3.5	1.6	ng/L		09/06/19 10:07	09/09/19 23:02	2
Perfluorodecanesulfonic acid (PFDS)	ND		3.5	1.6	ng/L		09/06/19 10:07	09/09/19 23:02	2

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-20
Lab Sample ID: 480-158459-6
Date Collected: 08/28/19 08:55
Matrix: Water
Date Received: 08/30/19 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid (PFOS)	**5.8**	*	3.5	1.1	ng/L		09/06/19 10:07	09/09/19 23:02	2
Perfluorooctanesulfonamide (FOSA)	ND		17	17	ng/L		09/06/19 10:07	09/09/19 23:02	2
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		35	2.9	ng/L		09/06/19 10:07	09/09/19 23:02	2
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND	*	35	2.6	ng/L		09/06/19 10:07	09/09/19 23:02	2
6:2 FTS	ND		35	9.5	ng/L		09/06/19 10:07	09/09/19 23:02	2
8:2 FTS	ND		35	5.0	ng/L		09/06/19 10:07	09/09/19 23:02	2

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*93*		*25 - 150*	*09/06/19 10:07*	*09/09/19 23:02*	*2*
13C5-PFPeA DNU	*39*		*25 - 150*	*09/06/19 10:07*	*09/09/19 23:02*	*2*
13C2 PFHxA	*79*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:02*	*2*
13C4 PFHpA	*98*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:02*	*2*
13C4 PFOA	*108*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:02*	*2*
13C5 PFNA	*100*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:02*	*2*
13C2 PFDA	*112*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:02*	*2*
13C2 PFUnA	*105*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:02*	*2*
13C2 PFDoA	*100*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:02*	*2*
13C2 PFTeDA	*57*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:02*	*2*
18O2 PFHxS	*119*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:02*	*2*
13C4 PFOS	*112*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:02*	*2*
d3-NMeFOSAA	*125*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:02*	*2*
d5-NEtFOSAA	*117*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:02*	*2*
M2-6:2 FTS	*135*		*25 - 150*	*09/06/19 10:07*	*09/09/19 23:02*	*2*
M2-8:2 FTS	*124*		*25 - 150*	*09/06/19 10:07*	*09/09/19 23:02*	*2*

Method: 537 (modified) - Fluorinated Alkyl Substances - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**750**		8.6	4.3	ng/L		09/06/19 10:07	09/11/19 12:43	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*12*	*	*25 - 150*	*09/06/19 10:07*	*09/11/19 12:43*	*5*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.11**	**J**	0.20	0.060	mg/L		09/05/19 06:25	09/10/19 17:36	1
Antimony	ND		0.020	0.0068	mg/L		09/05/19 06:25	09/10/19 17:36	1
Arsenic	**0.016**		0.015	0.0056	mg/L		09/05/19 06:25	09/10/19 17:36	1
Barium	**0.12**		0.0020	0.00070	mg/L		09/05/19 06:25	09/10/19 17:36	1
Beryllium	ND		0.0020	0.00030	mg/L		09/05/19 06:25	09/10/19 17:36	1
Cadmium	ND		0.0020	0.00050	mg/L		09/05/19 06:25	09/10/19 17:36	1
Calcium	**258**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 17:36	1
Chromium	**0.0040**		0.0040	0.0010	mg/L		09/05/19 06:25	09/10/19 17:36	1
Cobalt	ND		0.0040	0.00063	mg/L		09/05/19 06:25	09/10/19 17:36	1
Copper	ND		0.010	0.0016	mg/L		09/05/19 06:25	09/10/19 17:36	1
Iron	**0.21**		0.050	0.019	mg/L		09/05/19 06:25	09/10/19 17:36	1
Lead	**0.0042**	**J**	0.010	0.0030	mg/L		09/05/19 06:25	09/10/19 17:36	1
Magnesium	**1.9**		0.20	0.043	mg/L		09/05/19 06:25	09/10/19 17:36	1
Manganese	**0.0027**	**J**	0.0030	0.00040	mg/L		09/05/19 06:25	09/10/19 17:36	1
Nickel	**0.015**		0.010	0.0013	mg/L		09/05/19 06:25	09/10/19 17:36	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-20
Lab Sample ID: 480-158459-6
Date Collected: 08/28/19 08:55
Matrix: Water
Date Received: 08/30/19 08:00

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**195**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 17:36	1
Selenium	ND		0.025	0.0087	mg/L		09/05/19 06:25	09/10/19 17:36	1
Silver	ND		0.0060	0.0017	mg/L		09/05/19 06:25	09/10/19 17:36	1
Sodium	**292**		1.0	0.32	mg/L		09/05/19 06:25	09/10/19 17:36	1
Thallium	ND		0.020	0.010	mg/L		09/05/19 06:25	09/10/19 17:36	1
Vanadium	**0.015**		0.0050	0.0015	mg/L		09/05/19 06:25	09/10/19 17:36	1
Zinc	**0.0031**	**J B**	0.010	0.0015	mg/L		09/05/19 06:25	09/10/19 17:36	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/10/19 11:40	09/10/19 16:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.022**		0.010	0.0050	mg/L		09/08/19 16:20	09/09/19 15:28	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-33
Lab Sample ID: 480-158459-7
Date Collected: 08/27/19 15:52
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			09/04/19 17:48	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			09/04/19 17:48	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			09/04/19 17:48	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			09/04/19 17:48	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			09/04/19 17:48	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			09/04/19 17:48	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			09/04/19 17:48	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			09/04/19 17:48	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			09/04/19 17:48	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			09/04/19 17:48	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			09/04/19 17:48	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			09/04/19 17:48	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			09/04/19 17:48	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			09/04/19 17:48	4
2-Hexanone	ND		20	5.0	ug/L			09/04/19 17:48	4
2-Butanone (MEK)	ND		40	5.3	ug/L			09/04/19 17:48	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			09/04/19 17:48	4
Acetone	ND		40	12	ug/L			09/04/19 17:48	4
Benzene	ND		4.0	1.6	ug/L			09/04/19 17:48	4
Bromodichloromethane	ND		4.0	1.6	ug/L			09/04/19 17:48	4
Bromoform	ND		4.0	1.0	ug/L			09/04/19 17:48	4
Bromomethane	ND		4.0	2.8	ug/L			09/04/19 17:48	4
Carbon disulfide	ND		4.0	0.76	ug/L			09/04/19 17:48	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			09/04/19 17:48	4
Chlorobenzene	ND		4.0	3.0	ug/L			09/04/19 17:48	4
Dibromochloromethane	ND		4.0	1.3	ug/L			09/04/19 17:48	4
Chloroethane	ND		4.0	1.3	ug/L			09/04/19 17:48	4
Chloroform	ND		4.0	1.4	ug/L			09/04/19 17:48	4
Chloromethane	ND		4.0	1.4	ug/L			09/04/19 17:48	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			09/04/19 17:48	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			09/04/19 17:48	4
Cyclohexane	ND		4.0	0.72	ug/L			09/04/19 17:48	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			09/04/19 17:48	4
Ethylbenzene	ND		4.0	3.0	ug/L			09/04/19 17:48	4
Isopropylbenzene	ND		4.0	3.2	ug/L			09/04/19 17:48	4
Methyl acetate	ND		10	5.2	ug/L			09/04/19 17:48	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			09/04/19 17:48	4
Methylcyclohexane	ND		4.0	0.64	ug/L			09/04/19 17:48	4
Methylene Chloride	**5.4**		4.0	1.8	ug/L			09/04/19 17:48	4
Styrene	ND		4.0	2.9	ug/L			09/04/19 17:48	4
Tetrachloroethene	ND		4.0	1.4	ug/L			09/04/19 17:48	4
Toluene	ND		4.0	2.0	ug/L			09/04/19 17:48	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			09/04/19 17:48	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			09/04/19 17:48	4
Trichloroethene	ND		4.0	1.8	ug/L			09/04/19 17:48	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			09/04/19 17:48	4
Vinyl chloride	ND		4.0	3.6	ug/L			09/04/19 17:48	4
Xylenes, Total	ND		8.0	2.6	ug/L			09/04/19 17:48	4
m,p-Xylene	ND		8.0	2.6	ug/L			09/04/19 17:48	4

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-33
Lab Sample ID: 480-158459-7
Date Collected: 08/27/19 15:52
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		4.0	3.0	ug/L			09/04/19 17:48	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*09/04/19 17:48*	*4*
Toluene-d8 (Surr)	*101*		*80 - 120*		*09/04/19 17:48*	*4*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*09/04/19 17:48*	*4*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.79**	**J H**	0.80	0.40	ug/L		09/04/19 07:35	09/06/19 16:54	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*58*		*15 - 110*	*09/04/19 07:35*	*09/06/19 16:54*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND	H	25	3.3	ug/L		09/04/19 15:05	09/06/19 16:06	5
bis (2-chloroisopropyl) ether	ND	H	25	2.6	ug/L		09/04/19 15:05	09/06/19 16:06	5
2,4,5-Trichlorophenol	ND	H	25	2.4	ug/L		09/04/19 15:05	09/06/19 16:06	5
2,4,6-Trichlorophenol	ND	H	25	3.1	ug/L		09/04/19 15:05	09/06/19 16:06	5
2,4-Dichlorophenol	ND	H	25	2.6	ug/L		09/04/19 15:05	09/06/19 16:06	5
2,4-Dimethylphenol	ND	H	25	2.5	ug/L		09/04/19 15:05	09/06/19 16:06	5
2,4-Dinitrophenol	ND	H	50	11	ug/L		09/04/19 15:05	09/06/19 16:06	5
2,4-Dinitrotoluene	ND	H	25	2.2	ug/L		09/04/19 15:05	09/06/19 16:06	5
2,6-Dinitrotoluene	ND	H	25	2.0	ug/L		09/04/19 15:05	09/06/19 16:06	5
2-Chloronaphthalene	ND	H	25	2.3	ug/L		09/04/19 15:05	09/06/19 16:06	5
2-Chlorophenol	ND	H	25	2.7	ug/L		09/04/19 15:05	09/06/19 16:06	5
2-Methylnaphthalene	ND	H	25	3.0	ug/L		09/04/19 15:05	09/06/19 16:06	5
2-Methylphenol	ND	H	25	2.0	ug/L		09/04/19 15:05	09/06/19 16:06	5
2-Nitroaniline	ND	H	50	2.1	ug/L		09/04/19 15:05	09/06/19 16:06	5
2-Nitrophenol	ND	H	25	2.4	ug/L		09/04/19 15:05	09/06/19 16:06	5
3,3'-Dichlorobenzidine	ND	H	25	2.0	ug/L		09/04/19 15:05	09/06/19 16:06	5
3-Nitroaniline	ND	H	50	2.4	ug/L		09/04/19 15:05	09/06/19 16:06	5
4,6-Dinitro-2-methylphenol	ND	H	50	11	ug/L		09/04/19 15:05	09/06/19 16:06	5
4-Bromophenyl phenyl ether	ND	H	25	2.3	ug/L		09/04/19 15:05	09/06/19 16:06	5
4-Chloro-3-methylphenol	ND	H	25	2.3	ug/L		09/04/19 15:05	09/06/19 16:06	5
4-Chloroaniline	ND	H	25	3.0	ug/L		09/04/19 15:05	09/06/19 16:06	5
4-Chlorophenyl phenyl ether	ND	H	25	1.8	ug/L		09/04/19 15:05	09/06/19 16:06	5
4-Methylphenol	ND	H	50	1.8	ug/L		09/04/19 15:05	09/06/19 16:06	5
4-Nitroaniline	ND	H	50	1.3	ug/L		09/04/19 15:05	09/06/19 16:06	5
4-Nitrophenol	ND	H	50	7.6	ug/L		09/04/19 15:05	09/06/19 16:06	5
Acenaphthene	ND	H	25	2.1	ug/L		09/04/19 15:05	09/06/19 16:06	5
Acenaphthylene	ND	H	25	1.9	ug/L		09/04/19 15:05	09/06/19 16:06	5
Acetophenone	ND	H	25	2.7	ug/L		09/04/19 15:05	09/06/19 16:06	5
Anthracene	ND	H	25	1.4	ug/L		09/04/19 15:05	09/06/19 16:06	5
Atrazine	ND	H	25	2.3	ug/L		09/04/19 15:05	09/06/19 16:06	5
Benzaldehyde	ND	H	25	1.3	ug/L		09/04/19 15:05	09/06/19 16:06	5
Benzo(a)anthracene	ND	H	25	1.8	ug/L		09/04/19 15:05	09/06/19 16:06	5
Benzo(a)pyrene	ND	H	25	2.4	ug/L		09/04/19 15:05	09/06/19 16:06	5
Benzo(b)fluoranthene	ND	H	25	1.7	ug/L		09/04/19 15:05	09/06/19 16:06	5
Benzo(g,h,i)perylene	ND	H	25	1.8	ug/L		09/04/19 15:05	09/06/19 16:06	5

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-33
Lab Sample ID: 480-158459-7
Date Collected: 08/27/19 15:52
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(k)fluoranthene	ND	H	25	3.7	ug/L		09/04/19 15:05	09/06/19 16:06	5
Bis(2-chloroethoxy)methane	ND	H	25	1.8	ug/L		09/04/19 15:05	09/06/19 16:06	5
Bis(2-chloroethyl)ether	ND	H	25	2.0	ug/L		09/04/19 15:05	09/06/19 16:06	5
Bis(2-ethylhexyl) phthalate	ND	H	25	11	ug/L		09/04/19 15:05	09/06/19 16:06	5
Butyl benzyl phthalate	ND	H	25	5.0	ug/L		09/04/19 15:05	09/06/19 16:06	5
Caprolactam	ND	H	25	11	ug/L		09/04/19 15:05	09/06/19 16:06	5
Carbazole	ND	H	25	1.5	ug/L		09/04/19 15:05	09/06/19 16:06	5
Chrysene	ND	H	25	1.7	ug/L		09/04/19 15:05	09/06/19 16:06	5
Di-n-butyl phthalate	ND	H	25	1.6	ug/L		09/04/19 15:05	09/06/19 16:06	5
Di-n-octyl phthalate	ND	H	25	2.4	ug/L		09/04/19 15:05	09/06/19 16:06	5
Dibenz(a,h)anthracene	ND	H	25	2.1	ug/L		09/04/19 15:05	09/06/19 16:06	5
Dibenzofuran	ND	H	50	2.6	ug/L		09/04/19 15:05	09/06/19 16:06	5
Diethyl phthalate	ND	H	25	1.1	ug/L		09/04/19 15:05	09/06/19 16:06	5
Dimethyl phthalate	ND	H	25	1.8	ug/L		09/04/19 15:05	09/06/19 16:06	5
Fluoranthene	ND	H	25	2.0	ug/L		09/04/19 15:05	09/06/19 16:06	5
Fluorene	ND	H	25	1.8	ug/L		09/04/19 15:05	09/06/19 16:06	5
Hexachlorobenzene	ND	H	25	2.6	ug/L		09/04/19 15:05	09/06/19 16:06	5
Hexachlorobutadiene	ND	H	25	3.4	ug/L		09/04/19 15:05	09/06/19 16:06	5
Hexachlorocyclopentadiene	ND	H	25	3.0	ug/L		09/04/19 15:05	09/06/19 16:06	5
Hexachloroethane	ND	H	25	3.0	ug/L		09/04/19 15:05	09/06/19 16:06	5
Indeno(1,2,3-cd)pyrene	ND	H	25	2.4	ug/L		09/04/19 15:05	09/06/19 16:06	5
Isophorone	ND	H	25	2.2	ug/L		09/04/19 15:05	09/06/19 16:06	5
N-Nitrosodi-n-propylamine	ND	H	25	2.7	ug/L		09/04/19 15:05	09/06/19 16:06	5
N-Nitrosodiphenylamine	ND	H	25	2.6	ug/L		09/04/19 15:05	09/06/19 16:06	5
Naphthalene	ND	H	25	3.8	ug/L		09/04/19 15:05	09/06/19 16:06	5
Nitrobenzene	ND	H	25	1.5	ug/L		09/04/19 15:05	09/06/19 16:06	5
Pentachlorophenol	ND	H	50	11	ug/L		09/04/19 15:05	09/06/19 16:06	5
Phenanthrene	ND	H	25	2.2	ug/L		09/04/19 15:05	09/06/19 16:06	5
Phenol	ND	H	25	2.0	ug/L		09/04/19 15:05	09/06/19 16:06	5
Pyrene	ND	H	25	1.7	ug/L		09/04/19 15:05	09/06/19 16:06	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*74*		*41 - 120*	*09/04/19 15:05*	*09/06/19 16:06*	*5*
2-Fluorobiphenyl	*97*		*48 - 120*	*09/04/19 15:05*	*09/06/19 16:06*	*5*
2-Fluorophenol	*70*		*35 - 120*	*09/04/19 15:05*	*09/06/19 16:06*	*5*
Nitrobenzene-d5	*77*		*46 - 120*	*09/04/19 15:05*	*09/06/19 16:06*	*5*
p-Terphenyl-d14	*74*		*60 - 148*	*09/04/19 15:05*	*09/06/19 16:06*	*5*
Phenol-d5	*41*		*22 - 120*	*09/04/19 15:05*	*09/06/19 16:06*	*5*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND	H	0.050	0.0092	ug/L		09/04/19 07:51	09/05/19 13:54	1
4,4'-DDE	**0.012**	**J H B**	0.050	0.012	ug/L		09/04/19 07:51	09/05/19 13:54	1
4,4'-DDT	ND	H *	0.050	0.011	ug/L		09/04/19 07:51	09/05/19 13:54	1
Aldrin	ND	H	0.050	0.0081	ug/L		09/04/19 07:51	09/05/19 13:54	1
alpha-BHC	ND	H	0.050	0.0077	ug/L		09/04/19 07:51	09/05/19 13:54	1
cis-Chlordane	ND	H	0.050	0.015	ug/L		09/04/19 07:51	09/05/19 13:54	1
beta-BHC	ND	H	0.050	0.025	ug/L		09/04/19 07:51	09/05/19 13:54	1
delta-BHC	ND	H	0.050	0.010	ug/L		09/04/19 07:51	09/05/19 13:54	1
Dieldrin	ND	H	0.050	0.0098	ug/L		09/04/19 07:51	09/05/19 13:54	1

Client Sample ID: MW-33
Lab Sample ID: 480-158459-7
Date Collected: 08/27/19 15:52
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	ND	H	0.050	0.011	ug/L		09/04/19 07:51	09/05/19 13:54	1
Endosulfan II	ND	H	0.050	0.012	ug/L		09/04/19 07:51	09/05/19 13:54	1
Endosulfan sulfate	ND	H *	0.050	0.016	ug/L		09/04/19 07:51	09/05/19 13:54	1
Endrin	ND	H	0.050	0.014	ug/L		09/04/19 07:51	09/05/19 13:54	1
Endrin aldehyde	ND	H	0.050	0.016	ug/L		09/04/19 07:51	09/05/19 13:54	1
Endrin ketone	ND	H	0.050	0.012	ug/L		09/04/19 07:51	09/05/19 13:54	1
gamma-BHC (Lindane)	ND	H	0.050	0.0080	ug/L		09/04/19 07:51	09/05/19 13:54	1
trans-Chlordane	ND	H	0.050	0.011	ug/L		09/04/19 07:51	09/05/19 13:54	1
Heptachlor	ND	H	0.050	0.0085	ug/L		09/04/19 07:51	09/05/19 13:54	1
Heptachlor epoxide	ND	H	0.050	0.0074	ug/L		09/04/19 07:51	09/05/19 13:54	1
Methoxychlor	ND	H	0.050	0.014	ug/L		09/04/19 07:51	09/05/19 13:54	1
Toxaphene	ND	H	0.50	0.12	ug/L		09/04/19 07:51	09/05/19 13:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*38*		*20 - 120*	*09/04/19 07:51*	*09/05/19 13:54*	*1*
Tetrachloro-m-xylene	*96*		*44 - 120*	*09/04/19 07:51*	*09/05/19 13:54*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 22:59	1
PCB-1221	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 22:59	1
PCB-1232	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 22:59	1
PCB-1242	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 22:59	1
PCB-1248	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 22:59	1
PCB-1254	ND		0.50	0.25	ug/L		09/09/19 08:22	09/10/19 22:59	1
PCB-1260	ND		0.50	0.25	ug/L		09/09/19 08:22	09/10/19 22:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*27*		*19 - 120*	*09/09/19 08:22*	*09/10/19 22:59*	*1*
Tetrachloro-m-xylene	*81*		*39 - 121*	*09/09/19 08:22*	*09/10/19 22:59*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**10**		1.7	0.84	ng/L		09/06/19 10:07	09/09/19 23:10	1
Perfluoropentanoic acid (PFPeA)	**1.5**	**J**	1.7	0.53	ng/L		09/06/19 10:07	09/09/19 23:10	1
Perfluorohexanoic acid (PFHxA)	**2.3**		1.7	0.64	ng/L		09/06/19 10:07	09/09/19 23:10	1
Perfluoroheptanoic acid (PFHpA)	**2.6**		1.7	0.77	ng/L		09/06/19 10:07	09/09/19 23:10	1
Perfluorooctanoic acid (PFOA)	**3.4**		1.7	0.68	ng/L		09/06/19 10:07	09/09/19 23:10	1
Perfluorononanoic acid (PFNA)	**0.40**	**J**	1.7	0.23	ng/L		09/06/19 10:07	09/09/19 23:10	1
Perfluorodecanoic acid (PFDA)	ND		1.7	0.65	ng/L		09/06/19 10:07	09/09/19 23:10	1
Perfluoroundecanoic acid (PFUnA)	ND		1.7	0.66	ng/L		09/06/19 10:07	09/09/19 23:10	1
Perfluorododecanoic acid (PFDoA)	ND		1.7	0.50	ng/L		09/06/19 10:07	09/09/19 23:10	1
Perfluorotridecanoic acid (PFTriA)	ND		1.7	0.51	ng/L		09/06/19 10:07	09/09/19 23:10	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.7	0.78	ng/L		09/06/19 10:07	09/09/19 23:10	1
Perfluorobutanesulfonic acid (PFBS)	**1.6**	**J**	1.7	0.41	ng/L		09/06/19 10:07	09/09/19 23:10	1
Perfluorohexanesulfonic acid (PFHxS)	**1.3**	**J**	1.7	0.67	ng/L		09/06/19 10:07	09/09/19 23:10	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.7	0.80	ng/L		09/06/19 10:07	09/09/19 23:10	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.7	0.76	ng/L		09/06/19 10:07	09/09/19 23:10	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-33
Lab Sample ID: 480-158459-7
Date Collected: 08/27/19 15:52
Matrix: Water
Date Received: 08/30/19 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid (PFOS)	**1.2**	**J ***	1.7	0.51	ng/L		09/06/19 10:07	09/09/19 23:10	1
Perfluorooctanesulfonamide (FOSA)	ND		8.4	8.4	ng/L		09/06/19 10:07	09/09/19 23:10	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		17	1.4	ng/L		09/06/19 10:07	09/09/19 23:10	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND	*	17	1.3	ng/L		09/06/19 10:07	09/09/19 23:10	1
6:2 FTS	ND		17	4.6	ng/L		09/06/19 10:07	09/09/19 23:10	1
8:2 FTS	ND		17	2.4	ng/L		09/06/19 10:07	09/09/19 23:10	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*77*		*25 - 150*	*09/06/19 10:07*	*09/09/19 23:10*	*1*
13C4 PFBA	*68*		*25 - 150*	*09/06/19 10:07*	*09/09/19 23:10*	*1*
13C5-PFPeA DNU	*85*		*25 - 150*	*09/06/19 10:07*	*09/09/19 23:10*	*1*
13C2 PFHxA	*101*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:10*	*1*
13C4 PFHpA	*109*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:10*	*1*
13C4 PFOA	*112*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:10*	*1*
13C5 PFNA	*100*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:10*	*1*
13C2 PFDA	*104*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:10*	*1*
13C2 PFUnA	*98*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:10*	*1*
13C2 PFDoA	*101*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:10*	*1*
13C2 PFTeDA	*91*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:10*	*1*
18O2 PFHxS	*127*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:10*	*1*
13C4 PFOS	*105*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:10*	*1*
d3-NMeFOSAA	*100*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:10*	*1*
d5-NEtFOSAA	*95*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:10*	*1*
M2-6:2 FTS	*119*		*25 - 150*	*09/06/19 10:07*	*09/09/19 23:10*	*1*
M2-8:2 FTS	*113*		*25 - 150*	*09/06/19 10:07*	*09/09/19 23:10*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.82**		0.20	0.060	mg/L		09/05/19 06:25	09/10/19 17:40	1
Antimony	ND		0.020	0.0068	mg/L		09/05/19 06:25	09/10/19 17:40	1
Arsenic	ND		0.015	0.0056	mg/L		09/05/19 06:25	09/10/19 17:40	1
Barium	**0.047**		0.0020	0.00070	mg/L		09/05/19 06:25	09/10/19 17:40	1
Beryllium	ND		0.0020	0.00030	mg/L		09/05/19 06:25	09/10/19 17:40	1
Cadmium	ND		0.0020	0.00050	mg/L		09/05/19 06:25	09/10/19 17:40	1
Calcium	**101**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 17:40	1
Chromium	**0.0020**	**J**	0.0040	0.0010	mg/L		09/05/19 06:25	09/10/19 17:40	1
Cobalt	ND		0.0040	0.00063	mg/L		09/05/19 06:25	09/10/19 17:40	1
Copper	**0.0025**	**J**	0.010	0.0016	mg/L		09/05/19 06:25	09/10/19 17:40	1
Iron	**1.2**		0.050	0.019	mg/L		09/05/19 06:25	09/10/19 17:40	1
Lead	**0.0095**	**J**	0.010	0.0030	mg/L		09/05/19 06:25	09/10/19 17:40	1
Magnesium	**8.3**		0.20	0.043	mg/L		09/05/19 06:25	09/10/19 17:40	1
Manganese	**0.096**		0.0030	0.00040	mg/L		09/05/19 06:25	09/10/19 17:40	1
Nickel	**0.0014**	**J**	0.010	0.0013	mg/L		09/05/19 06:25	09/10/19 17:40	1
Potassium	**8.4**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 17:40	1
Selenium	ND		0.025	0.0087	mg/L		09/05/19 06:25	09/10/19 17:40	1
Silver	ND		0.0060	0.0017	mg/L		09/05/19 06:25	09/10/19 17:40	1
Sodium	**26.3**		1.0	0.32	mg/L		09/05/19 06:25	09/10/19 17:40	1
Thallium	ND		0.020	0.010	mg/L		09/05/19 06:25	09/10/19 17:40	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-33
Lab Sample ID: 480-158459-7
Date Collected: 08/27/19 15:52
Matrix: Water
Date Received: 08/30/19 08:00

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	0.011		0.0050	0.0015	mg/L		09/05/19 06:25	09/10/19 17:40	1
Zinc	0.0098	J B	0.010	0.0015	mg/L		09/05/19 06:25	09/10/19 17:40	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/10/19 11:40	09/10/19 16:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		09/08/19 15:09	09/09/19 12:56	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: DUP
Lab Sample ID: 480-158459-8
Date Collected: 08/27/19 00:00
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			09/04/19 18:11	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			09/04/19 18:11	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			09/04/19 18:11	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			09/04/19 18:11	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			09/04/19 18:11	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			09/04/19 18:11	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			09/04/19 18:11	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			09/04/19 18:11	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			09/04/19 18:11	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			09/04/19 18:11	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			09/04/19 18:11	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			09/04/19 18:11	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			09/04/19 18:11	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			09/04/19 18:11	4
2-Hexanone	ND		20	5.0	ug/L			09/04/19 18:11	4
2-Butanone (MEK)	ND		40	5.3	ug/L			09/04/19 18:11	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			09/04/19 18:11	4
Acetone	ND		40	12	ug/L			09/04/19 18:11	4
Benzene	ND		4.0	1.6	ug/L			09/04/19 18:11	4
Bromodichloromethane	ND		4.0	1.6	ug/L			09/04/19 18:11	4
Bromoform	ND		4.0	1.0	ug/L			09/04/19 18:11	4
Bromomethane	ND		4.0	2.8	ug/L			09/04/19 18:11	4
Carbon disulfide	ND		4.0	0.76	ug/L			09/04/19 18:11	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			09/04/19 18:11	4
Chlorobenzene	ND		4.0	3.0	ug/L			09/04/19 18:11	4
Dibromochloromethane	ND		4.0	1.3	ug/L			09/04/19 18:11	4
Chloroethane	ND		4.0	1.3	ug/L			09/04/19 18:11	4
Chloroform	ND		4.0	1.4	ug/L			09/04/19 18:11	4
Chloromethane	ND		4.0	1.4	ug/L			09/04/19 18:11	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			09/04/19 18:11	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			09/04/19 18:11	4
Cyclohexane	ND		4.0	0.72	ug/L			09/04/19 18:11	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			09/04/19 18:11	4
Ethylbenzene	ND		4.0	3.0	ug/L			09/04/19 18:11	4
Isopropylbenzene	ND		4.0	3.2	ug/L			09/04/19 18:11	4
Methyl acetate	ND		10	5.2	ug/L			09/04/19 18:11	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			09/04/19 18:11	4
Methylcyclohexane	ND		4.0	0.64	ug/L			09/04/19 18:11	4
Methylene Chloride	**4.1**		4.0	1.8	ug/L			09/04/19 18:11	4
Styrene	ND		4.0	2.9	ug/L			09/04/19 18:11	4
Tetrachloroethene	ND		4.0	1.4	ug/L			09/04/19 18:11	4
Toluene	ND		4.0	2.0	ug/L			09/04/19 18:11	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			09/04/19 18:11	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			09/04/19 18:11	4
Trichloroethene	ND		4.0	1.8	ug/L			09/04/19 18:11	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			09/04/19 18:11	4
Vinyl chloride	ND		4.0	3.6	ug/L			09/04/19 18:11	4
Xylenes, Total	ND		8.0	2.6	ug/L			09/04/19 18:11	4
m,p-Xylene	ND		8.0	2.6	ug/L			09/04/19 18:11	4

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: DUP
Lab Sample ID: 480-158459-8
Date Collected: 08/27/19 00:00
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		4.0	3.0	ug/L			09/04/19 18:11	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*09/04/19 18:11*	*4*
Toluene-d8 (Surr)	*101*		*80 - 120*		*09/04/19 18:11*	*4*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*09/04/19 18:11*	*4*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND	H	0.80	0.40	ug/L		09/04/19 07:35	09/06/19 17:17	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*60*		*15 - 110*	*09/04/19 07:35*	*09/06/19 17:17*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND	H	5.0	0.65	ug/L		09/04/19 15:05	09/06/19 16:34	1
bis (2-chloroisopropyl) ether	ND	H	5.0	0.52	ug/L		09/04/19 15:05	09/06/19 16:34	1
2,4,5-Trichlorophenol	ND	H	5.0	0.48	ug/L		09/04/19 15:05	09/06/19 16:34	1
2,4,6-Trichlorophenol	ND	H	5.0	0.61	ug/L		09/04/19 15:05	09/06/19 16:34	1
2,4-Dichlorophenol	ND	H	5.0	0.51	ug/L		09/04/19 15:05	09/06/19 16:34	1
2,4-Dimethylphenol	ND	H	5.0	0.50	ug/L		09/04/19 15:05	09/06/19 16:34	1
2,4-Dinitrophenol	ND	H	10	2.2	ug/L		09/04/19 15:05	09/06/19 16:34	1
2,4-Dinitrotoluene	ND	H	5.0	0.45	ug/L		09/04/19 15:05	09/06/19 16:34	1
2,6-Dinitrotoluene	ND	H	5.0	0.40	ug/L		09/04/19 15:05	09/06/19 16:34	1
2-Chloronaphthalene	ND	H	5.0	0.46	ug/L		09/04/19 15:05	09/06/19 16:34	1
2-Chlorophenol	ND	H	5.0	0.53	ug/L		09/04/19 15:05	09/06/19 16:34	1
2-Methylnaphthalene	ND	H	5.0	0.60	ug/L		09/04/19 15:05	09/06/19 16:34	1
2-Methylphenol	ND	H	5.0	0.40	ug/L		09/04/19 15:05	09/06/19 16:34	1
2-Nitroaniline	ND	H	10	0.42	ug/L		09/04/19 15:05	09/06/19 16:34	1
2-Nitrophenol	ND	H	5.0	0.48	ug/L		09/04/19 15:05	09/06/19 16:34	1
3,3'-Dichlorobenzidine	ND	H	5.0	0.40	ug/L		09/04/19 15:05	09/06/19 16:34	1
3-Nitroaniline	ND	H	10	0.48	ug/L		09/04/19 15:05	09/06/19 16:34	1
4,6-Dinitro-2-methylphenol	ND	H	10	2.2	ug/L		09/04/19 15:05	09/06/19 16:34	1
4-Bromophenyl phenyl ether	ND	H	5.0	0.45	ug/L		09/04/19 15:05	09/06/19 16:34	1
4-Chloro-3-methylphenol	ND	H	5.0	0.45	ug/L		09/04/19 15:05	09/06/19 16:34	1
4-Chloroaniline	ND	H	5.0	0.59	ug/L		09/04/19 15:05	09/06/19 16:34	1
4-Chlorophenyl phenyl ether	ND	H	5.0	0.35	ug/L		09/04/19 15:05	09/06/19 16:34	1
4-Methylphenol	ND	H	10	0.36	ug/L		09/04/19 15:05	09/06/19 16:34	1
4-Nitroaniline	ND	H	10	0.25	ug/L		09/04/19 15:05	09/06/19 16:34	1
4-Nitrophenol	ND	H	10	1.5	ug/L		09/04/19 15:05	09/06/19 16:34	1
Acenaphthene	ND	H	5.0	0.41	ug/L		09/04/19 15:05	09/06/19 16:34	1
Acenaphthylene	ND	H	5.0	0.38	ug/L		09/04/19 15:05	09/06/19 16:34	1
Acetophenone	ND	H	5.0	0.54	ug/L		09/04/19 15:05	09/06/19 16:34	1
Anthracene	ND	H	5.0	0.28	ug/L		09/04/19 15:05	09/06/19 16:34	1
Atrazine	ND	H	5.0	0.46	ug/L		09/04/19 15:05	09/06/19 16:34	1
Benzaldehyde	ND	H	5.0	0.27	ug/L		09/04/19 15:05	09/06/19 16:34	1
Benzo(a)anthracene	ND	H	5.0	0.36	ug/L		09/04/19 15:05	09/06/19 16:34	1
Benzo(a)pyrene	ND	H	5.0	0.47	ug/L		09/04/19 15:05	09/06/19 16:34	1
Benzo(b)fluoranthene	ND	H	5.0	0.34	ug/L		09/04/19 15:05	09/06/19 16:34	1
Benzo(g,h,i)perylene	ND	H	5.0	0.35	ug/L		09/04/19 15:05	09/06/19 16:34	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: DUP
Lab Sample ID: 480-158459-8
Date Collected: 08/27/19 00:00
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(k)fluoranthene	ND	H	5.0	0.73	ug/L		09/04/19 15:05	09/06/19 16:34	1
Bis(2-chloroethoxy)methane	ND	H	5.0	0.35	ug/L		09/04/19 15:05	09/06/19 16:34	1
Bis(2-chloroethyl)ether	ND	H	5.0	0.40	ug/L		09/04/19 15:05	09/06/19 16:34	1
Bis(2-ethylhexyl) phthalate	ND	H	5.0	2.2	ug/L		09/04/19 15:05	09/06/19 16:34	1
Butyl benzyl phthalate	ND	H	5.0	1.0	ug/L		09/04/19 15:05	09/06/19 16:34	1
Caprolactam	ND	H	5.0	2.2	ug/L		09/04/19 15:05	09/06/19 16:34	1
Carbazole	ND	H	5.0	0.30	ug/L		09/04/19 15:05	09/06/19 16:34	1
Chrysene	ND	H	5.0	0.33	ug/L		09/04/19 15:05	09/06/19 16:34	1
Di-n-butyl phthalate	ND	H	5.0	0.31	ug/L		09/04/19 15:05	09/06/19 16:34	1
Di-n-octyl phthalate	ND	H	5.0	0.47	ug/L		09/04/19 15:05	09/06/19 16:34	1
Dibenz(a,h)anthracene	ND	H	5.0	0.42	ug/L		09/04/19 15:05	09/06/19 16:34	1
Dibenzofuran	ND	H	10	0.51	ug/L		09/04/19 15:05	09/06/19 16:34	1
Diethyl phthalate	ND	H	5.0	0.22	ug/L		09/04/19 15:05	09/06/19 16:34	1
Dimethyl phthalate	ND	H	5.0	0.36	ug/L		09/04/19 15:05	09/06/19 16:34	1
Fluoranthene	ND	H	5.0	0.40	ug/L		09/04/19 15:05	09/06/19 16:34	1
Fluorene	ND	H	5.0	0.36	ug/L		09/04/19 15:05	09/06/19 16:34	1
Hexachlorobenzene	ND	H	5.0	0.51	ug/L		09/04/19 15:05	09/06/19 16:34	1
Hexachlorobutadiene	ND	H	5.0	0.68	ug/L		09/04/19 15:05	09/06/19 16:34	1
Hexachlorocyclopentadiene	ND	H	5.0	0.59	ug/L		09/04/19 15:05	09/06/19 16:34	1
Hexachloroethane	ND	H	5.0	0.59	ug/L		09/04/19 15:05	09/06/19 16:34	1
Indeno(1,2,3-cd)pyrene	ND	H	5.0	0.47	ug/L		09/04/19 15:05	09/06/19 16:34	1
Isophorone	ND	H	5.0	0.43	ug/L		09/04/19 15:05	09/06/19 16:34	1
N-Nitrosodi-n-propylamine	ND	H	5.0	0.54	ug/L		09/04/19 15:05	09/06/19 16:34	1
N-Nitrosodiphenylamine	ND	H	5.0	0.51	ug/L		09/04/19 15:05	09/06/19 16:34	1
Naphthalene	ND	H	5.0	0.76	ug/L		09/04/19 15:05	09/06/19 16:34	1
Nitrobenzene	ND	H	5.0	0.29	ug/L		09/04/19 15:05	09/06/19 16:34	1
Pentachlorophenol	ND	H	10	2.2	ug/L		09/04/19 15:05	09/06/19 16:34	1
Phenanthrene	ND	H	5.0	0.44	ug/L		09/04/19 15:05	09/06/19 16:34	1
Phenol	ND	H	5.0	0.39	ug/L		09/04/19 15:05	09/06/19 16:34	1
Pyrene	ND	H	5.0	0.34	ug/L		09/04/19 15:05	09/06/19 16:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*120*		*41 - 120*	*09/04/19 15:05*	*09/06/19 16:34*	*1*
2-Fluorobiphenyl	*99*		*48 - 120*	*09/04/19 15:05*	*09/06/19 16:34*	*1*
2-Fluorophenol	*67*		*35 - 120*	*09/04/19 15:05*	*09/06/19 16:34*	*1*
Nitrobenzene-d5	*82*		*46 - 120*	*09/04/19 15:05*	*09/06/19 16:34*	*1*
p-Terphenyl-d14	*75*		*60 - 148*	*09/04/19 15:05*	*09/06/19 16:34*	*1*
Phenol-d5	*45*		*22 - 120*	*09/04/19 15:05*	*09/06/19 16:34*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND	H	0.050	0.0092	ug/L		09/04/19 07:51	09/05/19 14:14	1
4,4'-DDE	ND	H	0.050	0.012	ug/L		09/04/19 07:51	09/05/19 14:14	1
4,4'-DDT	ND	H *	0.050	0.011	ug/L		09/04/19 07:51	09/05/19 14:14	1
Aldrin	ND	H	0.050	0.0081	ug/L		09/04/19 07:51	09/05/19 14:14	1
alpha-BHC	**0.0091**	**J H**	0.050	0.0077	ug/L		09/04/19 07:51	09/05/19 14:14	1
cis-Chlordane	ND	H	0.050	0.015	ug/L		09/04/19 07:51	09/05/19 14:14	1
beta-BHC	ND	H	0.050	0.025	ug/L		09/04/19 07:51	09/05/19 14:14	1
delta-BHC	**0.015**	**J H B**	0.050	0.010	ug/L		09/04/19 07:51	09/05/19 14:14	1
Dieldrin	ND	H	0.050	0.0098	ug/L		09/04/19 07:51	09/05/19 14:14	1

Client Sample ID: DUP
Lab Sample ID: 480-158459-8
Date Collected: 08/27/19 00:00
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	ND	H	0.050	0.011	ug/L		09/04/19 07:51	09/05/19 14:14	1
Endosulfan II	ND	H	0.050	0.012	ug/L		09/04/19 07:51	09/05/19 14:14	1
Endosulfan sulfate	ND	H *	0.050	0.016	ug/L		09/04/19 07:51	09/05/19 14:14	1
Endrin	ND	H	0.050	0.014	ug/L		09/04/19 07:51	09/05/19 14:14	1
Endrin aldehyde	ND	H	0.050	0.016	ug/L		09/04/19 07:51	09/05/19 14:14	1
Endrin ketone	ND	H	0.050	0.012	ug/L		09/04/19 07:51	09/05/19 14:14	1
gamma-BHC (Lindane)	**0.010**	**J H**	0.050	0.0080	ug/L		09/04/19 07:51	09/05/19 14:14	1
trans-Chlordane	ND	H	0.050	0.011	ug/L		09/04/19 07:51	09/05/19 14:14	1
Heptachlor	ND	H	0.050	0.0085	ug/L		09/04/19 07:51	09/05/19 14:14	1
Heptachlor epoxide	ND	H	0.050	0.0074	ug/L		09/04/19 07:51	09/05/19 14:14	1
Methoxychlor	ND	H	0.050	0.014	ug/L		09/04/19 07:51	09/05/19 14:14	1
Toxaphene	ND	H	0.50	0.12	ug/L		09/04/19 07:51	09/05/19 14:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*51*		*20 - 120*	*09/04/19 07:51*	*09/05/19 14:14*	*1*
Tetrachloro-m-xylene	*91*		*44 - 120*	*09/04/19 07:51*	*09/05/19 14:14*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 23:12	1
PCB-1221	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 23:12	1
PCB-1232	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 23:12	1
PCB-1242	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 23:12	1
PCB-1248	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 23:12	1
PCB-1254	ND		0.50	0.25	ug/L		09/09/19 08:22	09/10/19 23:12	1
PCB-1260	ND		0.50	0.25	ug/L		09/09/19 08:22	09/10/19 23:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*28*		*19 - 120*	*09/09/19 08:22*	*09/10/19 23:12*	*1*
Tetrachloro-m-xylene	*80*		*39 - 121*	*09/09/19 08:22*	*09/10/19 23:12*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**5.7**		1.8	0.91	ng/L		09/06/19 10:07	09/09/19 23:19	1
Perfluoropentanoic acid (PFPeA)	**3.8**		1.8	0.58	ng/L		09/06/19 10:07	09/09/19 23:19	1
Perfluorohexanoic acid (PFHxA)	**7.7**		1.8	0.69	ng/L		09/06/19 10:07	09/09/19 23:19	1
Perfluoroheptanoic acid (PFHpA)	**6.1**		1.8	0.83	ng/L		09/06/19 10:07	09/09/19 23:19	1
Perfluorooctanoic acid (PFOA)	**30**		1.8	0.74	ng/L		09/06/19 10:07	09/09/19 23:19	1
Perfluorononanoic acid (PFNA)	**2.1**		1.8	0.25	ng/L		09/06/19 10:07	09/09/19 23:19	1
Perfluorodecanoic acid (PFDA)	ND		1.8	0.70	ng/L		09/06/19 10:07	09/09/19 23:19	1
Perfluoroundecanoic acid (PFUnA)	ND		1.8	0.71	ng/L		09/06/19 10:07	09/09/19 23:19	1
Perfluorododecanoic acid (PFDoA)	ND		1.8	0.54	ng/L		09/06/19 10:07	09/09/19 23:19	1
Perfluorotridecanoic acid (PFTriA)	ND		1.8	0.55	ng/L		09/06/19 10:07	09/09/19 23:19	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.8	0.84	ng/L		09/06/19 10:07	09/09/19 23:19	1
Perfluorobutanesulfonic acid (PFBS)	**2.0**		1.8	0.45	ng/L		09/06/19 10:07	09/09/19 23:19	1
Perfluorohexanesulfonic acid (PFHxS)	**27**		1.8	0.73	ng/L		09/06/19 10:07	09/09/19 23:19	1
Perfluoroheptanesulfonic Acid (PFHpS)	**1.3**	**J**	1.8	0.87	ng/L		09/06/19 10:07	09/09/19 23:19	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.8	0.82	ng/L		09/06/19 10:07	09/09/19 23:19	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: DUP
Lab Sample ID: 480-158459-8
Date Collected: 08/27/19 00:00
Matrix: Water
Date Received: 08/30/19 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid (PFOS)	**60**	*	1.8	0.56	ng/L		09/06/19 10:07	09/09/19 23:19	1
Perfluorooctanesulfonamide (FOSA)	ND		9.1	9.1	ng/L		09/06/19 10:07	09/09/19 23:19	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		18	1.6	ng/L		09/06/19 10:07	09/09/19 23:19	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	**2.1**	J *	18	1.4	ng/L		09/06/19 10:07	09/09/19 23:19	1
6:2 FTS	ND		18	5.0	ng/L		09/06/19 10:07	09/09/19 23:19	1
8:2 FTS	ND		18	2.7	ng/L		09/06/19 10:07	09/09/19 23:19	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*85*		*25 - 150*	*09/06/19 10:07*	*09/09/19 23:19*	*1*
13C4 PFBA	*52*		*25 - 150*	*09/06/19 10:07*	*09/09/19 23:19*	*1*
13C5-PFPeA DNU	*72*		*25 - 150*	*09/06/19 10:07*	*09/09/19 23:19*	*1*
13C2 PFHxA	*89*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:19*	*1*
13C4 PFHpA	*96*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:19*	*1*
13C4 PFOA	*107*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:19*	*1*
13C5 PFNA	*100*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:19*	*1*
13C2 PFDA	*110*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:19*	*1*
13C2 PFUnA	*108*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:19*	*1*
13C2 PFDoA	*114*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:19*	*1*
13C2 PFTeDA	*104*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:19*	*1*
18O2 PFHxS	*111*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:19*	*1*
13C4 PFOS	*101*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:19*	*1*
d3-NMeFOSAA	*114*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:19*	*1*
d5-NEtFOSAA	*104*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:19*	*1*
M2-6:2 FTS	*146*		*25 - 150*	*09/06/19 10:07*	*09/09/19 23:19*	*1*
M2-8:2 FTS	*134*		*25 - 150*	*09/06/19 10:07*	*09/09/19 23:19*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/05/19 06:25	09/10/19 17:43	1
Antimony	ND		0.020	0.0068	mg/L		09/05/19 06:25	09/10/19 17:43	1
Arsenic	ND		0.015	0.0056	mg/L		09/05/19 06:25	09/10/19 17:43	1
Barium	**0.20**		0.0020	0.00070	mg/L		09/05/19 06:25	09/10/19 17:43	1
Beryllium	ND		0.0020	0.00030	mg/L		09/05/19 06:25	09/10/19 17:43	1
Cadmium	ND		0.0020	0.00050	mg/L		09/05/19 06:25	09/10/19 17:43	1
Calcium	**314**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 17:43	1
Chromium	ND		0.0040	0.0010	mg/L		09/05/19 06:25	09/10/19 17:43	1
Cobalt	ND		0.0040	0.00063	mg/L		09/05/19 06:25	09/10/19 17:43	1
Copper	ND		0.010	0.0016	mg/L		09/05/19 06:25	09/10/19 17:43	1
Iron	**25.9**		0.050	0.019	mg/L		09/05/19 06:25	09/10/19 17:43	1
Lead	ND		0.010	0.0030	mg/L		09/05/19 06:25	09/10/19 17:43	1
Magnesium	**57.7**		0.20	0.043	mg/L		09/05/19 06:25	09/10/19 17:43	1
Manganese	**3.6**		0.0030	0.00040	mg/L		09/05/19 06:25	09/10/19 17:43	1
Nickel	ND		0.010	0.0013	mg/L		09/05/19 06:25	09/10/19 17:43	1
Potassium	**4.6**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 17:43	1
Selenium	ND		0.025	0.0087	mg/L		09/05/19 06:25	09/10/19 17:43	1
Silver	ND		0.0060	0.0017	mg/L		09/05/19 06:25	09/10/19 17:43	1
Sodium	**27.2**		1.0	0.32	mg/L		09/05/19 06:25	09/10/19 17:43	1
Thallium	ND		0.020	0.010	mg/L		09/05/19 06:25	09/10/19 17:43	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: DUP
Lab Sample ID: 480-158459-8
Date Collected: 08/27/19 00:00
Matrix: Water
Date Received: 08/30/19 08:00

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	ND		0.0050	0.0015	mg/L		09/05/19 06:25	09/10/19 17:43	1
Zinc	**0.0035**	**J B**	0.010	0.0015	mg/L		09/05/19 06:25	09/10/19 17:43	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/10/19 11:40	09/10/19 16:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.0094**	**J**	0.010	0.0050	mg/L		09/08/19 15:09	09/09/19 12:59	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-11
Lab Sample ID: 480-158459-9
Date Collected: 08/27/19 13:06
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/06/19 14:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/06/19 14:50	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/06/19 14:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/06/19 14:50	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/06/19 14:50	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/06/19 14:50	1
1,2,4-Trichlorobenzene	ND	*	1.0	0.41	ug/L			09/06/19 14:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/06/19 14:50	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/06/19 14:50	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/06/19 14:50	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/06/19 14:50	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/06/19 14:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/06/19 14:50	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/06/19 14:50	1
2-Hexanone	ND		5.0	1.2	ug/L			09/06/19 14:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/06/19 14:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/06/19 14:50	1
Acetone	ND		10	3.0	ug/L			09/06/19 14:50	1
Benzene	ND		1.0	0.41	ug/L			09/06/19 14:50	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/06/19 14:50	1
Bromoform	ND		1.0	0.26	ug/L			09/06/19 14:50	1
Bromomethane	ND		1.0	0.69	ug/L			09/06/19 14:50	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/06/19 14:50	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/06/19 14:50	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/06/19 14:50	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/06/19 14:50	1
Chloroethane	ND		1.0	0.32	ug/L			09/06/19 14:50	1
Chloroform	ND		1.0	0.34	ug/L			09/06/19 14:50	1
Chloromethane	ND		1.0	0.35	ug/L			09/06/19 14:50	1
cis-1,2-Dichloroethene	**10**		1.0	0.81	ug/L			09/06/19 14:50	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/06/19 14:50	1
Cyclohexane	ND		1.0	0.18	ug/L			09/06/19 14:50	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/06/19 14:50	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/06/19 14:50	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/06/19 14:50	1
Methyl acetate	ND		2.5	1.3	ug/L			09/06/19 14:50	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/06/19 14:50	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/06/19 14:50	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/06/19 14:50	1
Styrene	ND		1.0	0.73	ug/L			09/06/19 14:50	1
Tetrachloroethene	**0.50**	**J**	1.0	0.36	ug/L			09/06/19 14:50	1
Toluene	ND		1.0	0.51	ug/L			09/06/19 14:50	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/06/19 14:50	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/06/19 14:50	1
Trichloroethene	**0.76**	**J**	1.0	0.46	ug/L			09/06/19 14:50	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/06/19 14:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/06/19 14:50	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/06/19 14:50	1
m,p-Xylene	ND		2.0	0.66	ug/L			09/06/19 14:50	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-11
Lab Sample ID: 480-158459-9
Date Collected: 08/27/19 13:06
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.0	0.76	ug/L			09/06/19 14:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*09/06/19 14:50*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*09/06/19 14:50*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*09/06/19 14:50*	*1*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND	H	0.80	0.40	ug/L		09/04/19 07:35	09/06/19 17:41	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*58*		*15 - 110*	*09/04/19 07:35*	*09/06/19 17:41*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND	H	5.0	0.65	ug/L		09/04/19 15:05	09/06/19 17:01	1
bis (2-chloroisopropyl) ether	ND	H	5.0	0.52	ug/L		09/04/19 15:05	09/06/19 17:01	1
2,4,5-Trichlorophenol	ND	H	5.0	0.48	ug/L		09/04/19 15:05	09/06/19 17:01	1
2,4,6-Trichlorophenol	ND	H	5.0	0.61	ug/L		09/04/19 15:05	09/06/19 17:01	1
2,4-Dichlorophenol	ND	H	5.0	0.51	ug/L		09/04/19 15:05	09/06/19 17:01	1
2,4-Dimethylphenol	ND	H	5.0	0.50	ug/L		09/04/19 15:05	09/06/19 17:01	1
2,4-Dinitrophenol	ND	H	10	2.2	ug/L		09/04/19 15:05	09/06/19 17:01	1
2,4-Dinitrotoluene	ND	H	5.0	0.45	ug/L		09/04/19 15:05	09/06/19 17:01	1
2,6-Dinitrotoluene	ND	H	5.0	0.40	ug/L		09/04/19 15:05	09/06/19 17:01	1
2-Chloronaphthalene	ND	H	5.0	0.46	ug/L		09/04/19 15:05	09/06/19 17:01	1
2-Chlorophenol	ND	H	5.0	0.53	ug/L		09/04/19 15:05	09/06/19 17:01	1
2-Methylnaphthalene	ND	H	5.0	0.60	ug/L		09/04/19 15:05	09/06/19 17:01	1
2-Methylphenol	ND	H	5.0	0.40	ug/L		09/04/19 15:05	09/06/19 17:01	1
2-Nitroaniline	ND	H	10	0.42	ug/L		09/04/19 15:05	09/06/19 17:01	1
2-Nitrophenol	ND	H	5.0	0.48	ug/L		09/04/19 15:05	09/06/19 17:01	1
3,3'-Dichlorobenzidine	ND	H	5.0	0.40	ug/L		09/04/19 15:05	09/06/19 17:01	1
3-Nitroaniline	ND	H	10	0.48	ug/L		09/04/19 15:05	09/06/19 17:01	1
4,6-Dinitro-2-methylphenol	ND	H	10	2.2	ug/L		09/04/19 15:05	09/06/19 17:01	1
4-Bromophenyl phenyl ether	ND	H	5.0	0.45	ug/L		09/04/19 15:05	09/06/19 17:01	1
4-Chloro-3-methylphenol	ND	H	5.0	0.45	ug/L		09/04/19 15:05	09/06/19 17:01	1
4-Chloroaniline	ND	H	5.0	0.59	ug/L		09/04/19 15:05	09/06/19 17:01	1
4-Chlorophenyl phenyl ether	ND	H	5.0	0.35	ug/L		09/04/19 15:05	09/06/19 17:01	1
4-Methylphenol	ND	H	10	0.36	ug/L		09/04/19 15:05	09/06/19 17:01	1
4-Nitroaniline	ND	H	10	0.25	ug/L		09/04/19 15:05	09/06/19 17:01	1
4-Nitrophenol	ND	H	10	1.5	ug/L		09/04/19 15:05	09/06/19 17:01	1
Acenaphthene	ND	H	5.0	0.41	ug/L		09/04/19 15:05	09/06/19 17:01	1
Acenaphthylene	ND	H	5.0	0.38	ug/L		09/04/19 15:05	09/06/19 17:01	1
Acetophenone	ND	H	5.0	0.54	ug/L		09/04/19 15:05	09/06/19 17:01	1
Anthracene	ND	H	5.0	0.28	ug/L		09/04/19 15:05	09/06/19 17:01	1
Atrazine	ND	H	5.0	0.46	ug/L		09/04/19 15:05	09/06/19 17:01	1
Benzaldehyde	ND	H	5.0	0.27	ug/L		09/04/19 15:05	09/06/19 17:01	1
Benzo(a)anthracene	ND	H	5.0	0.36	ug/L		09/04/19 15:05	09/06/19 17:01	1
Benzo(a)pyrene	ND	H	5.0	0.47	ug/L		09/04/19 15:05	09/06/19 17:01	1
Benzo(b)fluoranthene	ND	H	5.0	0.34	ug/L		09/04/19 15:05	09/06/19 17:01	1
Benzo(g,h,i)perylene	ND	H	5.0	0.35	ug/L		09/04/19 15:05	09/06/19 17:01	1

Client Sample ID: MW-11
Lab Sample ID: 480-158459-9
Date Collected: 08/27/19 13:06
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(k)fluoranthene	ND	H	5.0	0.73	ug/L		09/04/19 15:05	09/06/19 17:01	1
Bis(2-chloroethoxy)methane	ND	H	5.0	0.35	ug/L		09/04/19 15:05	09/06/19 17:01	1
Bis(2-chloroethyl)ether	ND	H	5.0	0.40	ug/L		09/04/19 15:05	09/06/19 17:01	1
Bis(2-ethylhexyl) phthalate	ND	H	5.0	2.2	ug/L		09/04/19 15:05	09/06/19 17:01	1
Butyl benzyl phthalate	ND	H	5.0	1.0	ug/L		09/04/19 15:05	09/06/19 17:01	1
Caprolactam	ND	H	5.0	2.2	ug/L		09/04/19 15:05	09/06/19 17:01	1
Carbazole	ND	H	5.0	0.30	ug/L		09/04/19 15:05	09/06/19 17:01	1
Chrysene	ND	H	5.0	0.33	ug/L		09/04/19 15:05	09/06/19 17:01	1
Di-n-butyl phthalate	ND	H	5.0	0.31	ug/L		09/04/19 15:05	09/06/19 17:01	1
Di-n-octyl phthalate	ND	H	5.0	0.47	ug/L		09/04/19 15:05	09/06/19 17:01	1
Dibenz(a,h)anthracene	ND	H	5.0	0.42	ug/L		09/04/19 15:05	09/06/19 17:01	1
Dibenzofuran	ND	H	10	0.51	ug/L		09/04/19 15:05	09/06/19 17:01	1
Diethyl phthalate	ND	H	5.0	0.22	ug/L		09/04/19 15:05	09/06/19 17:01	1
Dimethyl phthalate	ND	H	5.0	0.36	ug/L		09/04/19 15:05	09/06/19 17:01	1
Fluoranthene	ND	H	5.0	0.40	ug/L		09/04/19 15:05	09/06/19 17:01	1
Fluorene	ND	H	5.0	0.36	ug/L		09/04/19 15:05	09/06/19 17:01	1
Hexachlorobenzene	ND	H	5.0	0.51	ug/L		09/04/19 15:05	09/06/19 17:01	1
Hexachlorobutadiene	ND	H	5.0	0.68	ug/L		09/04/19 15:05	09/06/19 17:01	1
Hexachlorocyclopentadiene	ND	H	5.0	0.59	ug/L		09/04/19 15:05	09/06/19 17:01	1
Hexachloroethane	ND	H	5.0	0.59	ug/L		09/04/19 15:05	09/06/19 17:01	1
Indeno(1,2,3-cd)pyrene	ND	H	5.0	0.47	ug/L		09/04/19 15:05	09/06/19 17:01	1
Isophorone	ND	H	5.0	0.43	ug/L		09/04/19 15:05	09/06/19 17:01	1
N-Nitrosodi-n-propylamine	ND	H	5.0	0.54	ug/L		09/04/19 15:05	09/06/19 17:01	1
N-Nitrosodiphenylamine	ND	H	5.0	0.51	ug/L		09/04/19 15:05	09/06/19 17:01	1
Naphthalene	ND	H	5.0	0.76	ug/L		09/04/19 15:05	09/06/19 17:01	1
Nitrobenzene	ND	H	5.0	0.29	ug/L		09/04/19 15:05	09/06/19 17:01	1
Pentachlorophenol	ND	H	10	2.2	ug/L		09/04/19 15:05	09/06/19 17:01	1
Phenanthrene	ND	H	5.0	0.44	ug/L		09/04/19 15:05	09/06/19 17:01	1
Phenol	ND	H	5.0	0.39	ug/L		09/04/19 15:05	09/06/19 17:01	1
Pyrene	ND	H	5.0	0.34	ug/L		09/04/19 15:05	09/06/19 17:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*107*		*41 - 120*	*09/04/19 15:05*	*09/06/19 17:01*	*1*
2-Fluorobiphenyl	*97*		*48 - 120*	*09/04/19 15:05*	*09/06/19 17:01*	*1*
2-Fluorophenol	*61*		*35 - 120*	*09/04/19 15:05*	*09/06/19 17:01*	*1*
Nitrobenzene-d5	*79*		*46 - 120*	*09/04/19 15:05*	*09/06/19 17:01*	*1*
p-Terphenyl-d14	*75*		*60 - 148*	*09/04/19 15:05*	*09/06/19 17:01*	*1*
Phenol-d5	*42*		*22 - 120*	*09/04/19 15:05*	*09/06/19 17:01*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND	H	0.050	0.0092	ug/L		09/04/19 07:51	09/05/19 14:33	1
4,4'-DDE	ND	H	0.050	0.012	ug/L		09/04/19 07:51	09/05/19 14:33	1
4,4'-DDT	ND	H *	0.050	0.011	ug/L		09/04/19 07:51	09/05/19 14:33	1
Aldrin	ND	H	0.050	0.0081	ug/L		09/04/19 07:51	09/05/19 14:33	1
alpha-BHC	**0.012**	**J H**	0.050	0.0077	ug/L		09/04/19 07:51	09/05/19 14:33	1
cis-Chlordane	ND	H	0.050	0.015	ug/L		09/04/19 07:51	09/05/19 14:33	1
beta-BHC	ND	H	0.050	0.025	ug/L		09/04/19 07:51	09/05/19 14:33	1
delta-BHC	ND	H	0.050	0.010	ug/L		09/04/19 07:51	09/05/19 14:33	1
Dieldrin	ND	H	0.050	0.0098	ug/L		09/04/19 07:51	09/05/19 14:33	1

Client Sample ID: MW-11
Lab Sample ID: 480-158459-9
Date Collected: 08/27/19 13:06
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	ND	H	0.050	0.011	ug/L		09/04/19 07:51	09/05/19 14:33	1
Endosulfan II	ND	H	0.050	0.012	ug/L		09/04/19 07:51	09/05/19 14:33	1
Endosulfan sulfate	ND	H *	0.050	0.016	ug/L		09/04/19 07:51	09/05/19 14:33	1
Endrin	ND	H	0.050	0.014	ug/L		09/04/19 07:51	09/05/19 14:33	1
Endrin aldehyde	ND	H	0.050	0.016	ug/L		09/04/19 07:51	09/05/19 14:33	1
Endrin ketone	ND	H	0.050	0.012	ug/L		09/04/19 07:51	09/05/19 14:33	1
gamma-BHC (Lindane)	**0.010**	**J H**	0.050	0.0080	ug/L		09/04/19 07:51	09/05/19 14:33	1
trans-Chlordane	ND	H	0.050	0.011	ug/L		09/04/19 07:51	09/05/19 14:33	1
Heptachlor	ND	H	0.050	0.0085	ug/L		09/04/19 07:51	09/05/19 14:33	1
Heptachlor epoxide	ND	H	0.050	0.0074	ug/L		09/04/19 07:51	09/05/19 14:33	1
Methoxychlor	ND	H	0.050	0.014	ug/L		09/04/19 07:51	09/05/19 14:33	1
Toxaphene	ND	H	0.50	0.12	ug/L		09/04/19 07:51	09/05/19 14:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*48*		*20 - 120*	*09/04/19 07:51*	*09/05/19 14:33*	*1*
Tetrachloro-m-xylene	*86*		*44 - 120*	*09/04/19 07:51*	*09/05/19 14:33*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 23:25	1
PCB-1221	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 23:25	1
PCB-1232	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 23:25	1
PCB-1242	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 23:25	1
PCB-1248	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 23:25	1
PCB-1254	ND		0.50	0.25	ug/L		09/09/19 08:22	09/10/19 23:25	1
PCB-1260	ND		0.50	0.25	ug/L		09/09/19 08:22	09/10/19 23:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*37*		*19 - 120*	*09/09/19 08:22*	*09/10/19 23:25*	*1*
Tetrachloro-m-xylene	*84*		*39 - 121*	*09/09/19 08:22*	*09/10/19 23:25*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**5.6**		1.8	0.90	ng/L		09/06/19 10:07	09/09/19 23:35	1
Perfluoropentanoic acid (PFPeA)	**2.8**		1.8	0.57	ng/L		09/06/19 10:07	09/09/19 23:35	1
Perfluorohexanoic acid (PFHxA)	**4.7**		1.8	0.69	ng/L		09/06/19 10:07	09/09/19 23:35	1
Perfluoroheptanoic acid (PFHpA)	**2.4**		1.8	0.82	ng/L		09/06/19 10:07	09/09/19 23:35	1
Perfluorooctanoic acid (PFOA)	**11**		1.8	0.73	ng/L		09/06/19 10:07	09/09/19 23:35	1
Perfluorononanoic acid (PFNA)	**1.1**	**J**	1.8	0.24	ng/L		09/06/19 10:07	09/09/19 23:35	1
Perfluorodecanoic acid (PFDA)	ND		1.8	0.70	ng/L		09/06/19 10:07	09/09/19 23:35	1
Perfluoroundecanoic acid (PFUnA)	**0.73**	**J**	1.8	0.71	ng/L		09/06/19 10:07	09/09/19 23:35	1
Perfluorododecanoic acid (PFDoA)	ND		1.8	0.53	ng/L		09/06/19 10:07	09/09/19 23:35	1
Perfluorotridecanoic acid (PFTriA)	ND		1.8	0.54	ng/L		09/06/19 10:07	09/09/19 23:35	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.8	0.83	ng/L		09/06/19 10:07	09/09/19 23:35	1
Perfluorobutanesulfonic acid (PFBS)	**1.6**	**J**	1.8	0.44	ng/L		09/06/19 10:07	09/09/19 23:35	1
Perfluorohexanesulfonic acid (PFHxS)	**24**		1.8	0.72	ng/L		09/06/19 10:07	09/09/19 23:35	1
Perfluoroheptanesulfonic Acid (PFHpS)	**3.3**		1.8	0.86	ng/L		09/06/19 10:07	09/09/19 23:35	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-11
Lab Sample ID: 480-158459-9
Date Collected: 08/27/19 13:06
Matrix: Water
Date Received: 08/30/19 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	ND		1.8	0.81	ng/L		09/06/19 10:07	09/09/19 23:35	1
Perfluorooctanesulfonic acid (PFOS)	**200**	*	1.8	0.55	ng/L		09/06/19 10:07	09/09/19 23:35	1
Perfluorooctanesulfonamide (FOSA)	ND		9.0	9.0	ng/L		09/06/19 10:07	09/09/19 23:35	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		18	1.5	ng/L		09/06/19 10:07	09/09/19 23:35	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND	*	18	1.4	ng/L		09/06/19 10:07	09/09/19 23:35	1
6:2 FTS	ND		18	5.0	ng/L		09/06/19 10:07	09/09/19 23:35	1
8:2 FTS	ND		18	2.6	ng/L		09/06/19 10:07	09/09/19 23:35	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*82*		*25 - 150*	*09/06/19 10:07*	*09/09/19 23:35*	*1*
13C4 PFBA	*62*		*25 - 150*	*09/06/19 10:07*	*09/09/19 23:35*	*1*
13C5-PFPeA DNU	*76*		*25 - 150*	*09/06/19 10:07*	*09/09/19 23:35*	*1*
13C2 PFHxA	*95*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:35*	*1*
13C4 PFHpA	*105*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:35*	*1*
13C4 PFOA	*109*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:35*	*1*
13C5 PFNA	*101*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:35*	*1*
13C2 PFDA	*104*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:35*	*1*
13C2 PFUnA	*92*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:35*	*1*
13C2 PFDoA	*100*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:35*	*1*
13C2 PFTeDA	*94*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:35*	*1*
18O2 PFHxS	*121*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:35*	*1*
13C4 PFOS	*98*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:35*	*1*
d3-NMeFOSAA	*100*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:35*	*1*
d5-NEtFOSAA	*94*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:35*	*1*
M2-6:2 FTS	*147*		*25 - 150*	*09/06/19 10:07*	*09/09/19 23:35*	*1*
M2-8:2 FTS	*115*		*25 - 150*	*09/06/19 10:07*	*09/09/19 23:35*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1.1**		0.20	0.060	mg/L		09/05/19 06:25	09/10/19 17:47	1
Antimony	ND		0.020	0.0068	mg/L		09/05/19 06:25	09/10/19 17:47	1
Arsenic	ND		0.015	0.0056	mg/L		09/05/19 06:25	09/10/19 17:47	1
Barium	**0.076**		0.0020	0.00070	mg/L		09/05/19 06:25	09/10/19 17:47	1
Beryllium	ND		0.0020	0.00030	mg/L		09/05/19 06:25	09/10/19 17:47	1
Cadmium	ND		0.0020	0.00050	mg/L		09/05/19 06:25	09/10/19 17:47	1
Calcium	**227**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 17:47	1
Chromium	**0.0017**	**J**	0.0040	0.0010	mg/L		09/05/19 06:25	09/10/19 17:47	1
Cobalt	**0.0031**	**J**	0.0040	0.00063	mg/L		09/05/19 06:25	09/10/19 17:47	1
Copper	ND		0.010	0.0016	mg/L		09/05/19 06:25	09/10/19 17:47	1
Iron	**1.6**		0.050	0.019	mg/L		09/05/19 06:25	09/10/19 17:47	1
Lead	**0.0043**	**J**	0.010	0.0030	mg/L		09/05/19 06:25	09/10/19 17:47	1
Magnesium	**38.2**		0.20	0.043	mg/L		09/05/19 06:25	09/10/19 17:47	1
Manganese	**3.0**		0.0030	0.00040	mg/L		09/05/19 06:25	09/10/19 17:47	1
Nickel	**0.0048**	**J**	0.010	0.0013	mg/L		09/05/19 06:25	09/10/19 17:47	1
Potassium	**1.7**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 17:47	1
Selenium	ND		0.025	0.0087	mg/L		09/05/19 06:25	09/10/19 17:47	1
Silver	ND		0.0060	0.0017	mg/L		09/05/19 06:25	09/10/19 17:47	1
Sodium	**30.6**		1.0	0.32	mg/L		09/05/19 06:25	09/10/19 17:47	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-11
Lab Sample ID: 480-158459-9
Date Collected: 08/27/19 13:06
Matrix: Water
Date Received: 08/30/19 08:00

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	ND		0.020	0.010	mg/L		09/05/19 06:25	09/10/19 17:47	1
Vanadium	**0.0024**	**J**	0.0050	0.0015	mg/L		09/05/19 06:25	09/10/19 17:47	1
Zinc	**0.0082**	**J B**	0.010	0.0015	mg/L		09/05/19 06:25	09/10/19 17:47	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/10/19 11:40	09/10/19 16:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.0056**	**J**	0.010	0.0050	mg/L		09/08/19 15:09	09/09/19 13:01	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-15
Lab Sample ID: 480-158459-10
Date Collected: 08/29/19 12:45
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			09/10/19 05:55	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			09/10/19 05:55	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			09/10/19 05:55	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			09/10/19 05:55	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			09/10/19 05:55	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			09/10/19 05:55	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			09/10/19 05:55	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			09/10/19 05:55	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			09/10/19 05:55	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			09/10/19 05:55	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			09/10/19 05:55	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			09/10/19 05:55	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			09/10/19 05:55	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			09/10/19 05:55	2
2-Hexanone	ND		10	2.5	ug/L			09/10/19 05:55	2
2-Butanone (MEK)	ND		20	2.6	ug/L			09/10/19 05:55	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			09/10/19 05:55	2
Acetone	ND		20	6.0	ug/L			09/10/19 05:55	2
Benzene	ND		2.0	0.82	ug/L			09/10/19 05:55	2
Bromodichloromethane	ND		2.0	0.78	ug/L			09/10/19 05:55	2
Bromoform	ND		2.0	0.52	ug/L			09/10/19 05:55	2
Bromomethane	ND		2.0	1.4	ug/L			09/10/19 05:55	2
Carbon disulfide	ND		2.0	0.38	ug/L			09/10/19 05:55	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			09/10/19 05:55	2
Chlorobenzene	ND		2.0	1.5	ug/L			09/10/19 05:55	2
Dibromochloromethane	ND		2.0	0.64	ug/L			09/10/19 05:55	2
Chloroethane	ND		2.0	0.64	ug/L			09/10/19 05:55	2
Chloroform	ND		2.0	0.68	ug/L			09/10/19 05:55	2
Chloromethane	ND		2.0	0.70	ug/L			09/10/19 05:55	2
cis-1,2-Dichloroethene	**2.6**		2.0	1.6	ug/L			09/10/19 05:55	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			09/10/19 05:55	2
Cyclohexane	ND		2.0	0.36	ug/L			09/10/19 05:55	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			09/10/19 05:55	2
Ethylbenzene	ND		2.0	1.5	ug/L			09/10/19 05:55	2
Isopropylbenzene	ND		2.0	1.6	ug/L			09/10/19 05:55	2
Methyl acetate	ND		5.0	2.6	ug/L			09/10/19 05:55	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			09/10/19 05:55	2
Methylcyclohexane	ND		2.0	0.32	ug/L			09/10/19 05:55	2
Methylene Chloride	ND		2.0	0.88	ug/L			09/10/19 05:55	2
Styrene	ND		2.0	1.5	ug/L			09/10/19 05:55	2
Tetrachloroethene	ND		2.0	0.72	ug/L			09/10/19 05:55	2
Toluene	ND		2.0	1.0	ug/L			09/10/19 05:55	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			09/10/19 05:55	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			09/10/19 05:55	2
Trichloroethene	ND		2.0	0.92	ug/L			09/10/19 05:55	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			09/10/19 05:55	2
Vinyl chloride	ND		2.0	1.8	ug/L			09/10/19 05:55	2
Xylenes, Total	ND		4.0	1.3	ug/L			09/10/19 05:55	2
m,p-Xylene	ND		4.0	1.3	ug/L			09/10/19 05:55	2

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-15
Lab Sample ID: 480-158459-10
Date Collected: 08/29/19 12:45
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		2.0	1.5	ug/L			09/10/19 05:55	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 120*		*09/10/19 05:55*	*2*
Toluene-d8 (Surr)	*89*		*80 - 120*		*09/10/19 05:55*	*2*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*09/10/19 05:55*	*2*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		4.0	2.0	ug/L		09/04/19 07:35	09/06/19 18:04	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*58*		*15 - 110*	*09/04/19 07:35*	*09/06/19 18:04*	*5*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		250	33	ug/L		09/04/19 15:05	09/06/19 17:29	50
bis (2-chloroisopropyl) ether	ND		250	26	ug/L		09/04/19 15:05	09/06/19 17:29	50
2,4,5-Trichlorophenol	ND		250	24	ug/L		09/04/19 15:05	09/06/19 17:29	50
2,4,6-Trichlorophenol	ND		250	31	ug/L		09/04/19 15:05	09/06/19 17:29	50
2,4-Dichlorophenol	ND		250	26	ug/L		09/04/19 15:05	09/06/19 17:29	50
2,4-Dimethylphenol	ND		250	25	ug/L		09/04/19 15:05	09/06/19 17:29	50
2,4-Dinitrophenol	ND		500	110	ug/L		09/04/19 15:05	09/06/19 17:29	50
2,4-Dinitrotoluene	ND		250	22	ug/L		09/04/19 15:05	09/06/19 17:29	50
2,6-Dinitrotoluene	ND		250	20	ug/L		09/04/19 15:05	09/06/19 17:29	50
2-Chloronaphthalene	ND		250	23	ug/L		09/04/19 15:05	09/06/19 17:29	50
2-Chlorophenol	ND		250	27	ug/L		09/04/19 15:05	09/06/19 17:29	50
2-Methylnaphthalene	ND		250	30	ug/L		09/04/19 15:05	09/06/19 17:29	50
2-Methylphenol	ND		250	20	ug/L		09/04/19 15:05	09/06/19 17:29	50
2-Nitroaniline	ND		500	21	ug/L		09/04/19 15:05	09/06/19 17:29	50
2-Nitrophenol	ND		250	24	ug/L		09/04/19 15:05	09/06/19 17:29	50
3,3'-Dichlorobenzidine	ND		250	20	ug/L		09/04/19 15:05	09/06/19 17:29	50
3-Nitroaniline	ND		500	24	ug/L		09/04/19 15:05	09/06/19 17:29	50
4,6-Dinitro-2-methylphenol	ND		500	110	ug/L		09/04/19 15:05	09/06/19 17:29	50
4-Bromophenyl phenyl ether	ND		250	23	ug/L		09/04/19 15:05	09/06/19 17:29	50
4-Chloro-3-methylphenol	ND		250	23	ug/L		09/04/19 15:05	09/06/19 17:29	50
4-Chloroaniline	ND		250	30	ug/L		09/04/19 15:05	09/06/19 17:29	50
4-Chlorophenyl phenyl ether	ND		250	18	ug/L		09/04/19 15:05	09/06/19 17:29	50
4-Methylphenol	ND		500	18	ug/L		09/04/19 15:05	09/06/19 17:29	50
4-Nitroaniline	ND		500	13	ug/L		09/04/19 15:05	09/06/19 17:29	50
4-Nitrophenol	ND		500	76	ug/L		09/04/19 15:05	09/06/19 17:29	50
Acenaphthene	ND		250	21	ug/L		09/04/19 15:05	09/06/19 17:29	50
Acenaphthylene	ND		250	19	ug/L		09/04/19 15:05	09/06/19 17:29	50
Acetophenone	ND		250	27	ug/L		09/04/19 15:05	09/06/19 17:29	50
Anthracene	ND		250	14	ug/L		09/04/19 15:05	09/06/19 17:29	50
Atrazine	ND		250	23	ug/L		09/04/19 15:05	09/06/19 17:29	50
Benzaldehyde	ND		250	13	ug/L		09/04/19 15:05	09/06/19 17:29	50
Benzo(a)anthracene	ND		250	18	ug/L		09/04/19 15:05	09/06/19 17:29	50
Benzo(a)pyrene	ND		250	24	ug/L		09/04/19 15:05	09/06/19 17:29	50
Benzo(b)fluoranthene	ND		250	17	ug/L		09/04/19 15:05	09/06/19 17:29	50
Benzo(g,h,i)perylene	ND		250	18	ug/L		09/04/19 15:05	09/06/19 17:29	50

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-15
Lab Sample ID: 480-158459-10
Date Collected: 08/29/19 12:45
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(k)fluoranthene	ND		250	37	ug/L		09/04/19 15:05	09/06/19 17:29	50
Bis(2-chloroethoxy)methane	ND		250	18	ug/L		09/04/19 15:05	09/06/19 17:29	50
Bis(2-chloroethyl)ether	ND		250	20	ug/L		09/04/19 15:05	09/06/19 17:29	50
Bis(2-ethylhexyl) phthalate	ND		250	110	ug/L		09/04/19 15:05	09/06/19 17:29	50
Butyl benzyl phthalate	ND		250	50	ug/L		09/04/19 15:05	09/06/19 17:29	50
Caprolactam	ND		250	110	ug/L		09/04/19 15:05	09/06/19 17:29	50
Carbazole	ND		250	15	ug/L		09/04/19 15:05	09/06/19 17:29	50
Chrysene	ND		250	17	ug/L		09/04/19 15:05	09/06/19 17:29	50
Di-n-butyl phthalate	ND		250	16	ug/L		09/04/19 15:05	09/06/19 17:29	50
Di-n-octyl phthalate	ND		250	24	ug/L		09/04/19 15:05	09/06/19 17:29	50
Dibenz(a,h)anthracene	ND		250	21	ug/L		09/04/19 15:05	09/06/19 17:29	50
Dibenzofuran	ND		500	26	ug/L		09/04/19 15:05	09/06/19 17:29	50
Diethyl phthalate	ND		250	11	ug/L		09/04/19 15:05	09/06/19 17:29	50
Dimethyl phthalate	ND		250	18	ug/L		09/04/19 15:05	09/06/19 17:29	50
Fluoranthene	ND		250	20	ug/L		09/04/19 15:05	09/06/19 17:29	50
Fluorene	ND		250	18	ug/L		09/04/19 15:05	09/06/19 17:29	50
Hexachlorobenzene	ND		250	26	ug/L		09/04/19 15:05	09/06/19 17:29	50
Hexachlorobutadiene	ND		250	34	ug/L		09/04/19 15:05	09/06/19 17:29	50
Hexachlorocyclopentadiene	ND		250	30	ug/L		09/04/19 15:05	09/06/19 17:29	50
Hexachloroethane	ND		250	30	ug/L		09/04/19 15:05	09/06/19 17:29	50
Indeno(1,2,3-cd)pyrene	ND		250	24	ug/L		09/04/19 15:05	09/06/19 17:29	50
Isophorone	ND		250	22	ug/L		09/04/19 15:05	09/06/19 17:29	50
N-Nitrosodi-n-propylamine	ND		250	27	ug/L		09/04/19 15:05	09/06/19 17:29	50
N-Nitrosodiphenylamine	ND		250	26	ug/L		09/04/19 15:05	09/06/19 17:29	50
Naphthalene	ND		250	38	ug/L		09/04/19 15:05	09/06/19 17:29	50
Nitrobenzene	ND		250	15	ug/L		09/04/19 15:05	09/06/19 17:29	50
Pentachlorophenol	ND		500	110	ug/L		09/04/19 15:05	09/06/19 17:29	50
Phenanthrene	ND		250	22	ug/L		09/04/19 15:05	09/06/19 17:29	50
Phenol	ND		250	20	ug/L		09/04/19 15:05	09/06/19 17:29	50
Pyrene	ND		250	17	ug/L		09/04/19 15:05	09/06/19 17:29	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*0*	*X*	*41 - 120*	*09/04/19 15:05*	*09/06/19 17:29*	*50*
2-Fluorobiphenyl	*77*		*48 - 120*	*09/04/19 15:05*	*09/06/19 17:29*	*50*
2-Fluorophenol	*42*		*35 - 120*	*09/04/19 15:05*	*09/06/19 17:29*	*50*
Nitrobenzene-d5	*57*		*46 - 120*	*09/04/19 15:05*	*09/06/19 17:29*	*50*
p-Terphenyl-d14	*68*		*60 - 148*	*09/04/19 15:05*	*09/06/19 17:29*	*50*
Phenol-d5	*0*	*X*	*22 - 120*	*09/04/19 15:05*	*09/06/19 17:29*	*50*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	**0.018**	**J**	0.050	0.0092	ug/L		09/04/19 07:51	09/05/19 14:53	1
4,4'-DDE	**0.012**	**J B**	0.050	0.012	ug/L		09/04/19 07:51	09/05/19 14:53	1
4,4'-DDT	ND	*	0.050	0.011	ug/L		09/04/19 07:51	09/05/19 14:53	1
Aldrin	ND		0.050	0.0081	ug/L		09/04/19 07:51	09/05/19 14:53	1
alpha-BHC	**0.011**	**J**	0.050	0.0077	ug/L		09/04/19 07:51	09/05/19 14:53	1
cis-Chlordane	ND		0.050	0.015	ug/L		09/04/19 07:51	09/05/19 14:53	1
beta-BHC	ND		0.050	0.025	ug/L		09/04/19 07:51	09/05/19 14:53	1
delta-BHC	**0.011**	**J B**	0.050	0.010	ug/L		09/04/19 07:51	09/05/19 14:53	1
Dieldrin	**0.011**	**J**	0.050	0.0098	ug/L		09/04/19 07:51	09/05/19 14:53	1

Client Sample ID: MW-15
Date Collected: 08/29/19 12:45
Date Received: 08/30/19 08:00

Lab Sample ID: 480-158459-10
Matrix: Water

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	ND		0.050	0.011	ug/L		09/04/19 07:51	09/05/19 14:53	1
Endosulfan II	ND		0.050	0.012	ug/L		09/04/19 07:51	09/05/19 14:53	1
Endosulfan sulfate	ND	*	0.050	0.016	ug/L		09/04/19 07:51	09/05/19 14:53	1
Endrin	ND		0.050	0.014	ug/L		09/04/19 07:51	09/05/19 14:53	1
Endrin aldehyde	ND		0.050	0.016	ug/L		09/04/19 07:51	09/05/19 14:53	1
Endrin ketone	ND		0.050	0.012	ug/L		09/04/19 07:51	09/05/19 14:53	1
gamma-BHC (Lindane)	**0.012**	**J**	0.050	0.0080	ug/L		09/04/19 07:51	09/05/19 14:53	1
trans-Chlordane	**0.020**	**J**	0.050	0.011	ug/L		09/04/19 07:51	09/05/19 14:53	1
Heptachlor	ND		0.050	0.0085	ug/L		09/04/19 07:51	09/05/19 14:53	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		09/04/19 07:51	09/05/19 14:53	1
Methoxychlor	ND		0.050	0.014	ug/L		09/04/19 07:51	09/05/19 14:53	1
Toxaphene	ND		0.50	0.12	ug/L		09/04/19 07:51	09/05/19 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*35*		*20 - 120*	*09/04/19 07:51*	*09/05/19 14:53*	*1*
Tetrachloro-m-xylene	*77*		*44 - 120*	*09/04/19 07:51*	*09/05/19 14:53*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 23:37	1
PCB-1221	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 23:37	1
PCB-1232	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 23:37	1
PCB-1242	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 23:37	1
PCB-1248	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 23:37	1
PCB-1254	ND		0.50	0.25	ug/L		09/09/19 08:22	09/10/19 23:37	1
PCB-1260	ND		0.50	0.25	ug/L		09/09/19 08:22	09/10/19 23:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*30*		*19 - 120*	*09/09/19 08:22*	*09/10/19 23:37*	*1*
Tetrachloro-m-xylene	*82*		*39 - 121*	*09/09/19 08:22*	*09/10/19 23:37*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**25.6**		0.20	0.060	mg/L		09/05/19 06:25	09/11/19 09:39	1
Antimony	ND		0.020	0.0068	mg/L		09/05/19 06:25	09/11/19 09:39	1
Arsenic	**0.019**		0.015	0.0056	mg/L		09/05/19 06:25	09/13/19 10:21	1
Barium	**0.37**		0.0020	0.00070	mg/L		09/05/19 06:25	09/11/19 09:39	1
Beryllium	**0.0022**		0.0020	0.00030	mg/L		09/05/19 06:25	09/11/19 09:39	1
Cadmium	**0.0016**	**J**	0.0020	0.00050	mg/L		09/05/19 06:25	09/11/19 09:39	1
Calcium	**286**		0.50	0.10	mg/L		09/05/19 06:25	09/11/19 09:39	1
Chromium	**0.064**		0.0040	0.0010	mg/L		09/05/19 06:25	09/11/19 09:39	1
Cobalt	**0.033**		0.0040	0.00063	mg/L		09/05/19 06:25	09/11/19 09:39	1
Copper	**0.094**		0.010	0.0016	mg/L		09/05/19 06:25	09/11/19 09:39	1
Iron	**47.1**		0.050	0.019	mg/L		09/05/19 06:25	09/11/19 09:39	1
Lead	**0.39**		0.010	0.0030	mg/L		09/05/19 06:25	09/11/19 09:39	1
Magnesium	**65.3**		0.20	0.043	mg/L		09/05/19 06:25	09/11/19 09:39	1
Manganese	**1.4**		0.0030	0.00040	mg/L		09/05/19 06:25	09/11/19 09:39	1
Nickel	**0.057**		0.010	0.0013	mg/L		09/05/19 06:25	09/11/19 09:39	1
Potassium	**9.1**		0.50	0.10	mg/L		09/05/19 06:25	09/11/19 09:39	1
Selenium	ND		0.025	0.0087	mg/L		09/05/19 06:25	09/11/19 09:39	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-15
Lab Sample ID: 480-158459-10
Date Collected: 08/29/19 12:45
Matrix: Water
Date Received: 08/30/19 08:00

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		09/05/19 06:25	09/11/19 09:39	1
Sodium	**160**		1.0	0.32	mg/L		09/05/19 06:25	09/11/19 09:39	1
Thallium	ND		0.020	0.010	mg/L		09/05/19 06:25	09/11/19 09:39	1
Vanadium	**0.077**		0.0050	0.0015	mg/L		09/05/19 06:25	09/11/19 09:39	1
Zinc	**1.1**	**B**	0.010	0.0015	mg/L		09/05/19 06:25	09/11/19 09:39	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00042**		0.00020	0.00012	mg/L		09/10/19 11:40	09/10/19 16:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.095**		0.010	0.0050	mg/L		09/08/19 16:20	09/09/19 15:41	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-16 082719
Lab Sample ID: 480-158459-11
Date Collected: 08/27/19 12:32
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			09/06/19 15:13	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			09/06/19 15:13	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			09/06/19 15:13	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			09/06/19 15:13	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			09/06/19 15:13	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			09/06/19 15:13	4
1,2,4-Trichlorobenzene	ND	*	4.0	1.6	ug/L			09/06/19 15:13	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			09/06/19 15:13	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			09/06/19 15:13	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			09/06/19 15:13	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			09/06/19 15:13	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			09/06/19 15:13	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			09/06/19 15:13	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			09/06/19 15:13	4
2-Hexanone	ND		20	5.0	ug/L			09/06/19 15:13	4
2-Butanone (MEK)	ND		40	5.3	ug/L			09/06/19 15:13	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			09/06/19 15:13	4
Acetone	ND		40	12	ug/L			09/06/19 15:13	4
Benzene	ND		4.0	1.6	ug/L			09/06/19 15:13	4
Bromodichloromethane	ND		4.0	1.6	ug/L			09/06/19 15:13	4
Bromoform	ND		4.0	1.0	ug/L			09/06/19 15:13	4
Bromomethane	ND		4.0	2.8	ug/L			09/06/19 15:13	4
Carbon disulfide	ND		4.0	0.76	ug/L			09/06/19 15:13	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			09/06/19 15:13	4
Chlorobenzene	ND		4.0	3.0	ug/L			09/06/19 15:13	4
Dibromochloromethane	ND		4.0	1.3	ug/L			09/06/19 15:13	4
Chloroethane	ND		4.0	1.3	ug/L			09/06/19 15:13	4
Chloroform	ND		4.0	1.4	ug/L			09/06/19 15:13	4
Chloromethane	ND		4.0	1.4	ug/L			09/06/19 15:13	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			09/06/19 15:13	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			09/06/19 15:13	4
Cyclohexane	ND		4.0	0.72	ug/L			09/06/19 15:13	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			09/06/19 15:13	4
Ethylbenzene	ND		4.0	3.0	ug/L			09/06/19 15:13	4
Isopropylbenzene	ND		4.0	3.2	ug/L			09/06/19 15:13	4
Methyl acetate	ND		10	5.2	ug/L			09/06/19 15:13	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			09/06/19 15:13	4
Methylcyclohexane	ND		4.0	0.64	ug/L			09/06/19 15:13	4
Methylene Chloride	**2.2**	**J**	4.0	1.8	ug/L			09/06/19 15:13	4
Styrene	ND		4.0	2.9	ug/L			09/06/19 15:13	4
Tetrachloroethene	ND		4.0	1.4	ug/L			09/06/19 15:13	4
Toluene	ND		4.0	2.0	ug/L			09/06/19 15:13	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			09/06/19 15:13	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			09/06/19 15:13	4
Trichloroethene	ND		4.0	1.8	ug/L			09/06/19 15:13	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			09/06/19 15:13	4
Vinyl chloride	ND		4.0	3.6	ug/L			09/06/19 15:13	4
Xylenes, Total	ND		8.0	2.6	ug/L			09/06/19 15:13	4
m,p-Xylene	ND		8.0	2.6	ug/L			09/06/19 15:13	4

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-16 082719
Lab Sample ID: 480-158459-11
Date Collected: 08/27/19 12:32
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		4.0	3.0	ug/L			09/06/19 15:13	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*09/06/19 15:13*	*4*
Toluene-d8 (Surr)	*101*		*80 - 120*		*09/06/19 15:13*	*4*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*		*09/06/19 15:13*	*4*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND	H	0.80	0.40	ug/L		09/04/19 07:35	09/06/19 18:28	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*64*		*15 - 110*	*09/04/19 07:35*	*09/06/19 18:28*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND	H	5.0	0.65	ug/L		09/04/19 15:05	09/06/19 17:57	1
bis (2-chloroisopropyl) ether	ND	H	5.0	0.52	ug/L		09/04/19 15:05	09/06/19 17:57	1
2,4,5-Trichlorophenol	ND	H	5.0	0.48	ug/L		09/04/19 15:05	09/06/19 17:57	1
2,4,6-Trichlorophenol	ND	H	5.0	0.61	ug/L		09/04/19 15:05	09/06/19 17:57	1
2,4-Dichlorophenol	ND	H	5.0	0.51	ug/L		09/04/19 15:05	09/06/19 17:57	1
2,4-Dimethylphenol	ND	H	5.0	0.50	ug/L		09/04/19 15:05	09/06/19 17:57	1
2,4-Dinitrophenol	ND	H	10	2.2	ug/L		09/04/19 15:05	09/06/19 17:57	1
2,4-Dinitrotoluene	ND	H	5.0	0.45	ug/L		09/04/19 15:05	09/06/19 17:57	1
2,6-Dinitrotoluene	ND	H	5.0	0.40	ug/L		09/04/19 15:05	09/06/19 17:57	1
2-Chloronaphthalene	ND	H	5.0	0.46	ug/L		09/04/19 15:05	09/06/19 17:57	1
2-Chlorophenol	ND	H	5.0	0.53	ug/L		09/04/19 15:05	09/06/19 17:57	1
2-Methylnaphthalene	ND	H	5.0	0.60	ug/L		09/04/19 15:05	09/06/19 17:57	1
2-Methylphenol	ND	H	5.0	0.40	ug/L		09/04/19 15:05	09/06/19 17:57	1
2-Nitroaniline	ND	H	10	0.42	ug/L		09/04/19 15:05	09/06/19 17:57	1
2-Nitrophenol	ND	H	5.0	0.48	ug/L		09/04/19 15:05	09/06/19 17:57	1
3,3'-Dichlorobenzidine	ND	H	5.0	0.40	ug/L		09/04/19 15:05	09/06/19 17:57	1
3-Nitroaniline	ND	H	10	0.48	ug/L		09/04/19 15:05	09/06/19 17:57	1
4,6-Dinitro-2-methylphenol	ND	H	10	2.2	ug/L		09/04/19 15:05	09/06/19 17:57	1
4-Bromophenyl phenyl ether	ND	H	5.0	0.45	ug/L		09/04/19 15:05	09/06/19 17:57	1
4-Chloro-3-methylphenol	ND	H	5.0	0.45	ug/L		09/04/19 15:05	09/06/19 17:57	1
4-Chloroaniline	ND	H	5.0	0.59	ug/L		09/04/19 15:05	09/06/19 17:57	1
4-Chlorophenyl phenyl ether	ND	H	5.0	0.35	ug/L		09/04/19 15:05	09/06/19 17:57	1
4-Methylphenol	ND	H	10	0.36	ug/L		09/04/19 15:05	09/06/19 17:57	1
4-Nitroaniline	ND	H	10	0.25	ug/L		09/04/19 15:05	09/06/19 17:57	1
4-Nitrophenol	ND	H	10	1.5	ug/L		09/04/19 15:05	09/06/19 17:57	1
Acenaphthene	ND	H	5.0	0.41	ug/L		09/04/19 15:05	09/06/19 17:57	1
Acenaphthylene	ND	H	5.0	0.38	ug/L		09/04/19 15:05	09/06/19 17:57	1
Acetophenone	ND	H	5.0	0.54	ug/L		09/04/19 15:05	09/06/19 17:57	1
Anthracene	ND	H	5.0	0.28	ug/L		09/04/19 15:05	09/06/19 17:57	1
Atrazine	ND	H	5.0	0.46	ug/L		09/04/19 15:05	09/06/19 17:57	1
Benzaldehyde	ND	H	5.0	0.27	ug/L		09/04/19 15:05	09/06/19 17:57	1
Benzo(a)anthracene	ND	H	5.0	0.36	ug/L		09/04/19 15:05	09/06/19 17:57	1
Benzo(a)pyrene	ND	H	5.0	0.47	ug/L		09/04/19 15:05	09/06/19 17:57	1
Benzo(b)fluoranthene	ND	H	5.0	0.34	ug/L		09/04/19 15:05	09/06/19 17:57	1
Benzo(g,h,i)perylene	ND	H	5.0	0.35	ug/L		09/04/19 15:05	09/06/19 17:57	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-16 082719
Lab Sample ID: 480-158459-11
Date Collected: 08/27/19 12:32
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(k)fluoranthene	ND	H	5.0	0.73	ug/L		09/04/19 15:05	09/06/19 17:57	1
Bis(2-chloroethoxy)methane	ND	H	5.0	0.35	ug/L		09/04/19 15:05	09/06/19 17:57	1
Bis(2-chloroethyl)ether	ND	H	5.0	0.40	ug/L		09/04/19 15:05	09/06/19 17:57	1
Bis(2-ethylhexyl) phthalate	ND	H	5.0	2.2	ug/L		09/04/19 15:05	09/06/19 17:57	1
Butyl benzyl phthalate	ND	H	5.0	1.0	ug/L		09/04/19 15:05	09/06/19 17:57	1
Caprolactam	ND	H	5.0	2.2	ug/L		09/04/19 15:05	09/06/19 17:57	1
Carbazole	ND	H	5.0	0.30	ug/L		09/04/19 15:05	09/06/19 17:57	1
Chrysene	ND	H	5.0	0.33	ug/L		09/04/19 15:05	09/06/19 17:57	1
Di-n-butyl phthalate	ND	H	5.0	0.31	ug/L		09/04/19 15:05	09/06/19 17:57	1
Di-n-octyl phthalate	ND	H	5.0	0.47	ug/L		09/04/19 15:05	09/06/19 17:57	1
Dibenz(a,h)anthracene	ND	H	5.0	0.42	ug/L		09/04/19 15:05	09/06/19 17:57	1
Dibenzofuran	ND	H	10	0.51	ug/L		09/04/19 15:05	09/06/19 17:57	1
Diethyl phthalate	ND	H	5.0	0.22	ug/L		09/04/19 15:05	09/06/19 17:57	1
Dimethyl phthalate	ND	H	5.0	0.36	ug/L		09/04/19 15:05	09/06/19 17:57	1
Fluoranthene	ND	H	5.0	0.40	ug/L		09/04/19 15:05	09/06/19 17:57	1
Fluorene	ND	H	5.0	0.36	ug/L		09/04/19 15:05	09/06/19 17:57	1
Hexachlorobenzene	ND	H	5.0	0.51	ug/L		09/04/19 15:05	09/06/19 17:57	1
Hexachlorobutadiene	ND	H	5.0	0.68	ug/L		09/04/19 15:05	09/06/19 17:57	1
Hexachlorocyclopentadiene	ND	H	5.0	0.59	ug/L		09/04/19 15:05	09/06/19 17:57	1
Hexachloroethane	ND	H	5.0	0.59	ug/L		09/04/19 15:05	09/06/19 17:57	1
Indeno(1,2,3-cd)pyrene	ND	H	5.0	0.47	ug/L		09/04/19 15:05	09/06/19 17:57	1
Isophorone	ND	H	5.0	0.43	ug/L		09/04/19 15:05	09/06/19 17:57	1
N-Nitrosodi-n-propylamine	ND	H	5.0	0.54	ug/L		09/04/19 15:05	09/06/19 17:57	1
N-Nitrosodiphenylamine	ND	H	5.0	0.51	ug/L		09/04/19 15:05	09/06/19 17:57	1
Naphthalene	ND	H	5.0	0.76	ug/L		09/04/19 15:05	09/06/19 17:57	1
Nitrobenzene	ND	H	5.0	0.29	ug/L		09/04/19 15:05	09/06/19 17:57	1
Pentachlorophenol	ND	H	10	2.2	ug/L		09/04/19 15:05	09/06/19 17:57	1
Phenanthrene	ND	H	5.0	0.44	ug/L		09/04/19 15:05	09/06/19 17:57	1
Phenol	ND	H	5.0	0.39	ug/L		09/04/19 15:05	09/06/19 17:57	1
Pyrene	ND	H	5.0	0.34	ug/L		09/04/19 15:05	09/06/19 17:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*116*		*41 - 120*	*09/04/19 15:05*	*09/06/19 17:57*	*1*
2-Fluorobiphenyl	*94*		*48 - 120*	*09/04/19 15:05*	*09/06/19 17:57*	*1*
2-Fluorophenol	*66*		*35 - 120*	*09/04/19 15:05*	*09/06/19 17:57*	*1*
Nitrobenzene-d5	*80*		*46 - 120*	*09/04/19 15:05*	*09/06/19 17:57*	*1*
p-Terphenyl-d14	*75*		*60 - 148*	*09/04/19 15:05*	*09/06/19 17:57*	*1*
Phenol-d5	*45*		*22 - 120*	*09/04/19 15:05*	*09/06/19 17:57*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND	H	0.050	0.0092	ug/L		09/04/19 07:51	09/05/19 15:13	1
4,4'-DDE	ND	H	0.050	0.012	ug/L		09/04/19 07:51	09/05/19 15:13	1
4,4'-DDT	ND	H *	0.050	0.011	ug/L		09/04/19 07:51	09/05/19 15:13	1
Aldrin	ND	H	0.050	0.0081	ug/L		09/04/19 07:51	09/05/19 15:13	1
alpha-BHC	**0.012**	**J H**	0.050	0.0077	ug/L		09/04/19 07:51	09/05/19 15:13	1
cis-Chlordane	ND	H	0.050	0.015	ug/L		09/04/19 07:51	09/05/19 15:13	1
beta-BHC	ND	H	0.050	0.025	ug/L		09/04/19 07:51	09/05/19 15:13	1
delta-BHC	**0.016**	**J H B**	0.050	0.010	ug/L		09/04/19 07:51	09/05/19 15:13	1
Dieldrin	ND	H	0.050	0.0098	ug/L		09/04/19 07:51	09/05/19 15:13	1

Client Sample ID: MW-16 082719
Date Collected: 08/27/19 12:32
Date Received: 08/30/19 08:00

Lab Sample ID: 480-158459-11
Matrix: Water

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	ND	H	0.050	0.011	ug/L		09/04/19 07:51	09/05/19 15:13	1
Endosulfan II	ND	H	0.050	0.012	ug/L		09/04/19 07:51	09/05/19 15:13	1
Endosulfan sulfate	ND	H *	0.050	0.016	ug/L		09/04/19 07:51	09/05/19 15:13	1
Endrin	ND	H	0.050	0.014	ug/L		09/04/19 07:51	09/05/19 15:13	1
Endrin aldehyde	ND	H	0.050	0.016	ug/L		09/04/19 07:51	09/05/19 15:13	1
Endrin ketone	ND	H	0.050	0.012	ug/L		09/04/19 07:51	09/05/19 15:13	1
gamma-BHC (Lindane)	ND	H	0.050	0.0080	ug/L		09/04/19 07:51	09/05/19 15:13	1
trans-Chlordane	ND	H	0.050	0.011	ug/L		09/04/19 07:51	09/05/19 15:13	1
Heptachlor	ND	H	0.050	0.0085	ug/L		09/04/19 07:51	09/05/19 15:13	1
Heptachlor epoxide	ND	H	0.050	0.0074	ug/L		09/04/19 07:51	09/05/19 15:13	1
Methoxychlor	ND	H	0.050	0.014	ug/L		09/04/19 07:51	09/05/19 15:13	1
Toxaphene	ND	H	0.50	0.12	ug/L		09/04/19 07:51	09/05/19 15:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*58*		*20 - 120*	*09/04/19 07:51*	*09/05/19 15:13*	*1*
Tetrachloro-m-xylene	*101*		*44 - 120*	*09/04/19 07:51*	*09/05/19 15:13*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 23:50	1
PCB-1221	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 23:50	1
PCB-1232	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 23:50	1
PCB-1242	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 23:50	1
PCB-1248	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 23:50	1
PCB-1254	ND		0.50	0.25	ug/L		09/09/19 08:22	09/10/19 23:50	1
PCB-1260	ND		0.50	0.25	ug/L		09/09/19 08:22	09/10/19 23:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*34*		*19 - 120*	*09/09/19 08:22*	*09/10/19 23:50*	*1*
Tetrachloro-m-xylene	*86*		*39 - 121*	*09/09/19 08:22*	*09/10/19 23:50*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**6.0**		1.7	0.84	ng/L		09/06/19 10:07	09/09/19 23:43	1
Perfluoropentanoic acid (PFPeA)	**4.4**		1.7	0.53	ng/L		09/06/19 10:07	09/09/19 23:43	1
Perfluorohexanoic acid (PFHxA)	**9.7**		1.7	0.64	ng/L		09/06/19 10:07	09/09/19 23:43	1
Perfluoroheptanoic acid (PFHpA)	**6.1**		1.7	0.76	ng/L		09/06/19 10:07	09/09/19 23:43	1
Perfluorooctanoic acid (PFOA)	**30**		1.7	0.68	ng/L		09/06/19 10:07	09/09/19 23:43	1
Perfluorononanoic acid (PFNA)	**2.2**		1.7	0.23	ng/L		09/06/19 10:07	09/09/19 23:43	1
Perfluorodecanoic acid (PFDA)	ND		1.7	0.65	ng/L		09/06/19 10:07	09/09/19 23:43	1
Perfluoroundecanoic acid (PFUnA)	ND		1.7	0.65	ng/L		09/06/19 10:07	09/09/19 23:43	1
Perfluorododecanoic acid (PFDoA)	ND		1.7	0.49	ng/L		09/06/19 10:07	09/09/19 23:43	1
Perfluorotridecanoic acid (PFTriA)	ND		1.7	0.50	ng/L		09/06/19 10:07	09/09/19 23:43	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.7	0.77	ng/L		09/06/19 10:07	09/09/19 23:43	1
Perfluorobutanesulfonic acid (PFBS)	**2.2**		1.7	0.41	ng/L		09/06/19 10:07	09/09/19 23:43	1
Perfluorohexanesulfonic acid (PFHxS)	**25**		1.7	0.67	ng/L		09/06/19 10:07	09/09/19 23:43	1
Perfluoroheptanesulfonic Acid (PFHpS)	**1.5**	**J**	1.7	0.80	ng/L		09/06/19 10:07	09/09/19 23:43	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.7	0.75	ng/L		09/06/19 10:07	09/09/19 23:43	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-16 082719
Lab Sample ID: 480-158459-11
Date Collected: 08/27/19 12:32
Matrix: Water
Date Received: 08/30/19 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid (PFOS)	**61**	*	1.7	0.51	ng/L		09/06/19 10:07	09/09/19 23:43	1
Perfluorooctanesulfonamide (FOSA)	ND		8.4	8.4	ng/L		09/06/19 10:07	09/09/19 23:43	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		17	1.4	ng/L		09/06/19 10:07	09/09/19 23:43	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	**2.1**	J *	17	1.3	ng/L		09/06/19 10:07	09/09/19 23:43	1
6:2 FTS	**7.7**	J	17	4.6	ng/L		09/06/19 10:07	09/09/19 23:43	1
8:2 FTS	ND		17	2.4	ng/L		09/06/19 10:07	09/09/19 23:43	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*74*		*25 - 150*	*09/06/19 10:07*	*09/09/19 23:43*	*1*
13C4 PFBA	*51*		*25 - 150*	*09/06/19 10:07*	*09/09/19 23:43*	*1*
13C5-PFPeA DNU	*71*		*25 - 150*	*09/06/19 10:07*	*09/09/19 23:43*	*1*
13C2 PFHxA	*91*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:43*	*1*
13C4 PFHpA	*98*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:43*	*1*
13C4 PFOA	*110*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:43*	*1*
13C5 PFNA	*99*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:43*	*1*
13C2 PFDA	*108*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:43*	*1*
13C2 PFUnA	*111*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:43*	*1*
13C2 PFDoA	*122*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:43*	*1*
13C2 PFTeDA	*109*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:43*	*1*
18O2 PFHxS	*119*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:43*	*1*
13C4 PFOS	*96*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:43*	*1*
d3-NMeFOSAA	*119*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:43*	*1*
d5-NEtFOSAA	*117*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:43*	*1*
M2-6:2 FTS	*144*		*25 - 150*	*09/06/19 10:07*	*09/09/19 23:43*	*1*
M2-8:2 FTS	*139*		*25 - 150*	*09/06/19 10:07*	*09/09/19 23:43*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/05/19 06:25	09/10/19 17:55	1
Antimony	ND		0.020	0.0068	mg/L		09/05/19 06:25	09/10/19 17:55	1
Arsenic	ND		0.015	0.0056	mg/L		09/05/19 06:25	09/10/19 17:55	1
Barium	**0.21**		0.0020	0.00070	mg/L		09/05/19 06:25	09/10/19 17:55	1
Beryllium	ND		0.0020	0.00030	mg/L		09/05/19 06:25	09/10/19 17:55	1
Cadmium	ND		0.0020	0.00050	mg/L		09/05/19 06:25	09/10/19 17:55	1
Calcium	**314**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 17:55	1
Chromium	ND		0.0040	0.0010	mg/L		09/05/19 06:25	09/10/19 17:55	1
Cobalt	ND		0.0040	0.00063	mg/L		09/05/19 06:25	09/10/19 17:55	1
Copper	ND		0.010	0.0016	mg/L		09/05/19 06:25	09/10/19 17:55	1
Iron	**27.1**		0.050	0.019	mg/L		09/05/19 06:25	09/10/19 17:55	1
Lead	ND		0.010	0.0030	mg/L		09/05/19 06:25	09/10/19 17:55	1
Magnesium	**57.3**		0.20	0.043	mg/L		09/05/19 06:25	09/10/19 17:55	1
Manganese	**3.5**		0.0030	0.00040	mg/L		09/05/19 06:25	09/10/19 17:55	1
Nickel	ND		0.010	0.0013	mg/L		09/05/19 06:25	09/10/19 17:55	1
Potassium	**4.9**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 17:55	1
Selenium	ND		0.025	0.0087	mg/L		09/05/19 06:25	09/10/19 17:55	1
Silver	ND		0.0060	0.0017	mg/L		09/05/19 06:25	09/10/19 17:55	1
Sodium	**27.3**		1.0	0.32	mg/L		09/05/19 06:25	09/10/19 17:55	1
Thallium	ND		0.020	0.010	mg/L		09/05/19 06:25	09/10/19 17:55	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-16 082719
Lab Sample ID: 480-158459-11
Date Collected: 08/27/19 12:32
Matrix: Water
Date Received: 08/30/19 08:00

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	ND		0.0050	0.0015	mg/L		09/05/19 06:25	09/10/19 17:55	1
Zinc	**0.0022**	**J B**	0.010	0.0015	mg/L		09/05/19 06:25	09/10/19 17:55	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/10/19 11:40	09/10/19 16:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.0092**	**J**	0.010	0.0050	mg/L		09/08/19 15:09	09/09/19 13:03	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-23
Lab Sample ID: 480-158459-12
Date Collected: 08/28/19 10:40
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/09/19 02:55	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/09/19 02:55	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/09/19 02:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/09/19 02:55	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/09/19 02:55	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/09/19 02:55	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/09/19 02:55	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/09/19 02:55	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/09/19 02:55	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/09/19 02:55	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/09/19 02:55	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/09/19 02:55	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/09/19 02:55	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/09/19 02:55	1
2-Hexanone	ND		5.0	1.2	ug/L			09/09/19 02:55	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/09/19 02:55	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/09/19 02:55	1
Acetone	ND		10	3.0	ug/L			09/09/19 02:55	1
Benzene	ND		1.0	0.41	ug/L			09/09/19 02:55	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/09/19 02:55	1
Bromoform	ND		1.0	0.26	ug/L			09/09/19 02:55	1
Bromomethane	ND		1.0	0.69	ug/L			09/09/19 02:55	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/09/19 02:55	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/09/19 02:55	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/09/19 02:55	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/09/19 02:55	1
Chloroethane	ND		1.0	0.32	ug/L			09/09/19 02:55	1
Chloroform	ND		1.0	0.34	ug/L			09/09/19 02:55	1
Chloromethane	ND		1.0	0.35	ug/L			09/09/19 02:55	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/09/19 02:55	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/09/19 02:55	1
Cyclohexane	ND		1.0	0.18	ug/L			09/09/19 02:55	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/09/19 02:55	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/09/19 02:55	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/09/19 02:55	1
Methyl acetate	ND		2.5	1.3	ug/L			09/09/19 02:55	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/09/19 02:55	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/09/19 02:55	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/09/19 02:55	1
Styrene	ND		1.0	0.73	ug/L			09/09/19 02:55	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/09/19 02:55	1
Toluene	ND		1.0	0.51	ug/L			09/09/19 02:55	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/09/19 02:55	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/09/19 02:55	1
Trichloroethene	ND		1.0	0.46	ug/L			09/09/19 02:55	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/09/19 02:55	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/09/19 02:55	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/09/19 02:55	1
m,p-Xylene	ND		2.0	0.66	ug/L			09/09/19 02:55	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-23
Lab Sample ID: 480-158459-12
Date Collected: 08/28/19 10:40
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.0	0.76	ug/L			09/09/19 02:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*09/09/19 02:55*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*09/09/19 02:55*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*09/09/19 02:55*	*1*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.80	0.40	ug/L		09/04/19 07:35	09/06/19 18:52	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*62*		*15 - 110*	*09/04/19 07:35*	*09/06/19 18:52*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		09/04/19 15:05	09/06/19 18:25	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/04/19 15:05	09/06/19 18:25	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/04/19 15:05	09/06/19 18:25	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/04/19 15:05	09/06/19 18:25	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/04/19 15:05	09/06/19 18:25	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/04/19 15:05	09/06/19 18:25	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/04/19 15:05	09/06/19 18:25	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/04/19 15:05	09/06/19 18:25	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 18:25	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/04/19 15:05	09/06/19 18:25	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/04/19 15:05	09/06/19 18:25	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/04/19 15:05	09/06/19 18:25	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 18:25	1
2-Nitroaniline	ND		10	0.42	ug/L		09/04/19 15:05	09/06/19 18:25	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/04/19 15:05	09/06/19 18:25	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 18:25	1
3-Nitroaniline	ND		10	0.48	ug/L		09/04/19 15:05	09/06/19 18:25	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/04/19 15:05	09/06/19 18:25	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/04/19 15:05	09/06/19 18:25	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/04/19 15:05	09/06/19 18:25	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/04/19 15:05	09/06/19 18:25	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/04/19 15:05	09/06/19 18:25	1
4-Methylphenol	ND		10	0.36	ug/L		09/04/19 15:05	09/06/19 18:25	1
4-Nitroaniline	ND		10	0.25	ug/L		09/04/19 15:05	09/06/19 18:25	1
4-Nitrophenol	ND		10	1.5	ug/L		09/04/19 15:05	09/06/19 18:25	1
Acenaphthene	ND		5.0	0.41	ug/L		09/04/19 15:05	09/06/19 18:25	1
Acenaphthylene	ND		5.0	0.38	ug/L		09/04/19 15:05	09/06/19 18:25	1
Acetophenone	ND		5.0	0.54	ug/L		09/04/19 15:05	09/06/19 18:25	1
Anthracene	ND		5.0	0.28	ug/L		09/04/19 15:05	09/06/19 18:25	1
Atrazine	ND		5.0	0.46	ug/L		09/04/19 15:05	09/06/19 18:25	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/04/19 15:05	09/06/19 18:25	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		09/04/19 15:05	09/06/19 18:25	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		09/04/19 15:05	09/06/19 18:25	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		09/04/19 15:05	09/06/19 18:25	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		09/04/19 15:05	09/06/19 18:25	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-23
Lab Sample ID: 480-158459-12
Date Collected: 08/28/19 10:40
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		09/04/19 15:05	09/06/19 18:25	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/04/19 15:05	09/06/19 18:25	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 18:25	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/04/19 15:05	09/06/19 18:25	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/04/19 15:05	09/06/19 18:25	1
Caprolactam	ND		5.0	2.2	ug/L		09/04/19 15:05	09/06/19 18:25	1
Carbazole	ND		5.0	0.30	ug/L		09/04/19 15:05	09/06/19 18:25	1
Chrysene	ND		5.0	0.33	ug/L		09/04/19 15:05	09/06/19 18:25	1
Di-n-butyl phthalate	**0.34**	**J**	5.0	0.31	ug/L		09/04/19 15:05	09/06/19 18:25	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/04/19 15:05	09/06/19 18:25	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/04/19 15:05	09/06/19 18:25	1
Dibenzofuran	ND		10	0.51	ug/L		09/04/19 15:05	09/06/19 18:25	1
Diethyl phthalate	ND		5.0	0.22	ug/L		09/04/19 15:05	09/06/19 18:25	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/04/19 15:05	09/06/19 18:25	1
Fluoranthene	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 18:25	1
Fluorene	ND		5.0	0.36	ug/L		09/04/19 15:05	09/06/19 18:25	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/04/19 15:05	09/06/19 18:25	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/04/19 15:05	09/06/19 18:25	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/04/19 15:05	09/06/19 18:25	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/04/19 15:05	09/06/19 18:25	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		09/04/19 15:05	09/06/19 18:25	1
Isophorone	ND		5.0	0.43	ug/L		09/04/19 15:05	09/06/19 18:25	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/04/19 15:05	09/06/19 18:25	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/04/19 15:05	09/06/19 18:25	1
Naphthalene	ND		5.0	0.76	ug/L		09/04/19 15:05	09/06/19 18:25	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/04/19 15:05	09/06/19 18:25	1
Pentachlorophenol	ND		10	2.2	ug/L		09/04/19 15:05	09/06/19 18:25	1
Phenanthrene	ND		5.0	0.44	ug/L		09/04/19 15:05	09/06/19 18:25	1
Phenol	ND		5.0	0.39	ug/L		09/04/19 15:05	09/06/19 18:25	1
Pyrene	ND		5.0	0.34	ug/L		09/04/19 15:05	09/06/19 18:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*105*		*41 - 120*	*09/04/19 15:05*	*09/06/19 18:25*	*1*
2-Fluorobiphenyl	*97*		*48 - 120*	*09/04/19 15:05*	*09/06/19 18:25*	*1*
2-Fluorophenol	*64*		*35 - 120*	*09/04/19 15:05*	*09/06/19 18:25*	*1*
Nitrobenzene-d5	*80*		*46 - 120*	*09/04/19 15:05*	*09/06/19 18:25*	*1*
p-Terphenyl-d14	*61*		*60 - 148*	*09/04/19 15:05*	*09/06/19 18:25*	*1*
Phenol-d5	*45*		*22 - 120*	*09/04/19 15:05*	*09/06/19 18:25*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		09/04/19 07:51	09/05/19 15:32	1
4,4'-DDE	ND		0.050	0.012	ug/L		09/04/19 07:51	09/05/19 15:32	1
4,4'-DDT	ND	*	0.050	0.011	ug/L		09/04/19 07:51	09/05/19 15:32	1
Aldrin	ND		0.050	0.0081	ug/L		09/04/19 07:51	09/05/19 15:32	1
alpha-BHC	ND		0.050	0.0077	ug/L		09/04/19 07:51	09/05/19 15:32	1
cis-Chlordane	ND		0.050	0.015	ug/L		09/04/19 07:51	09/05/19 15:32	1
beta-BHC	ND		0.050	0.025	ug/L		09/04/19 07:51	09/05/19 15:32	1
delta-BHC	**0.013**	**J B**	0.050	0.010	ug/L		09/04/19 07:51	09/05/19 15:32	1
Dieldrin	ND		0.050	0.0098	ug/L		09/04/19 07:51	09/05/19 15:32	1

Client Sample ID: MW-23
Lab Sample ID: 480-158459-12
Date Collected: 08/28/19 10:40
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	ND		0.050	0.011	ug/L		09/04/19 07:51	09/05/19 15:32	1
Endosulfan II	ND		0.050	0.012	ug/L		09/04/19 07:51	09/05/19 15:32	1
Endosulfan sulfate	ND	*	0.050	0.016	ug/L		09/04/19 07:51	09/05/19 15:32	1
Endrin	ND		0.050	0.014	ug/L		09/04/19 07:51	09/05/19 15:32	1
Endrin aldehyde	ND		0.050	0.016	ug/L		09/04/19 07:51	09/05/19 15:32	1
Endrin ketone	ND		0.050	0.012	ug/L		09/04/19 07:51	09/05/19 15:32	1
gamma-BHC (Lindane)	**0.0096**	**J**	0.050	0.0080	ug/L		09/04/19 07:51	09/05/19 15:32	1
trans-Chlordane	**0.023**	**J**	0.050	0.011	ug/L		09/04/19 07:51	09/05/19 15:32	1
Heptachlor	ND		0.050	0.0085	ug/L		09/04/19 07:51	09/05/19 15:32	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		09/04/19 07:51	09/05/19 15:32	1
Methoxychlor	ND		0.050	0.014	ug/L		09/04/19 07:51	09/05/19 15:32	1
Toxaphene	ND		0.50	0.12	ug/L		09/04/19 07:51	09/05/19 15:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*40*		*20 - 120*	*09/04/19 07:51*	*09/05/19 15:32*	*1*
Tetrachloro-m-xylene	*74*		*44 - 120*	*09/04/19 07:51*	*09/05/19 15:32*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 00:03	1
PCB-1221	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 00:03	1
PCB-1232	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 00:03	1
PCB-1242	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 00:03	1
PCB-1248	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 00:03	1
PCB-1254	ND		0.50	0.25	ug/L		09/09/19 08:22	09/11/19 00:03	1
PCB-1260	ND		0.50	0.25	ug/L		09/09/19 08:22	09/11/19 00:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*27*		*19 - 120*	*09/09/19 08:22*	*09/11/19 00:03*	*1*
Tetrachloro-m-xylene	*73*		*39 - 121*	*09/09/19 08:22*	*09/11/19 00:03*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**2.3**		0.20	0.060	mg/L		09/05/19 06:25	09/10/19 17:59	1
Antimony	ND		0.020	0.0068	mg/L		09/05/19 06:25	09/10/19 17:59	1
Arsenic	ND		0.015	0.0056	mg/L		09/05/19 06:25	09/10/19 17:59	1
Barium	**0.23**		0.0020	0.00070	mg/L		09/05/19 06:25	09/10/19 17:59	1
Beryllium	ND		0.0020	0.00030	mg/L		09/05/19 06:25	09/10/19 17:59	1
Cadmium	ND		0.0020	0.00050	mg/L		09/05/19 06:25	09/10/19 17:59	1
Calcium	**115**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 17:59	1
Chromium	**0.0053**		0.0040	0.0010	mg/L		09/05/19 06:25	09/10/19 17:59	1
Cobalt	**0.0018**	**J**	0.0040	0.00063	mg/L		09/05/19 06:25	09/10/19 17:59	1
Copper	**0.0046**	**J**	0.010	0.0016	mg/L		09/05/19 06:25	09/10/19 17:59	1
Iron	**14.8**		0.050	0.019	mg/L		09/05/19 06:25	09/10/19 17:59	1
Lead	**0.074**		0.010	0.0030	mg/L		09/05/19 06:25	09/10/19 17:59	1
Magnesium	**17.9**		0.20	0.043	mg/L		09/05/19 06:25	09/10/19 17:59	1
Manganese	**0.48**		0.0030	0.00040	mg/L		09/05/19 06:25	09/10/19 17:59	1
Nickel	**0.0034**	**J**	0.010	0.0013	mg/L		09/05/19 06:25	09/10/19 17:59	1
Potassium	**6.2**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 17:59	1
Selenium	ND		0.025	0.0087	mg/L		09/05/19 06:25	09/10/19 17:59	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-23
Lab Sample ID: 480-158459-12
Date Collected: 08/28/19 10:40
Matrix: Water
Date Received: 08/30/19 08:00

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		09/05/19 06:25	09/10/19 17:59	1
Sodium	**14.4**		1.0	0.32	mg/L		09/05/19 06:25	09/10/19 17:59	1
Thallium	ND		0.020	0.010	mg/L		09/05/19 06:25	09/10/19 17:59	1
Vanadium	**0.0054**		0.0050	0.0015	mg/L		09/05/19 06:25	09/10/19 17:59	1
Zinc	**0.025**	**B**	0.010	0.0015	mg/L		09/05/19 06:25	09/10/19 17:59	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/10/19 11:40	09/10/19 16:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		09/08/19 15:09	09/09/19 13:05	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-19
Lab Sample ID: 480-158459-13
Date Collected: 08/29/19 12:00
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/10/19 06:19	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/10/19 06:19	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/10/19 06:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/10/19 06:19	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/10/19 06:19	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/10/19 06:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/10/19 06:19	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/10/19 06:19	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/10/19 06:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/10/19 06:19	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/10/19 06:19	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/10/19 06:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/10/19 06:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/10/19 06:19	1
2-Hexanone	ND		5.0	1.2	ug/L			09/10/19 06:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/10/19 06:19	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/10/19 06:19	1
Acetone	ND		10	3.0	ug/L			09/10/19 06:19	1
Benzene	ND		1.0	0.41	ug/L			09/10/19 06:19	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/10/19 06:19	1
Bromoform	ND		1.0	0.26	ug/L			09/10/19 06:19	1
Bromomethane	ND		1.0	0.69	ug/L			09/10/19 06:19	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/10/19 06:19	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/10/19 06:19	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/10/19 06:19	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/10/19 06:19	1
Chloroethane	ND		1.0	0.32	ug/L			09/10/19 06:19	1
Chloroform	ND		1.0	0.34	ug/L			09/10/19 06:19	1
Chloromethane	ND		1.0	0.35	ug/L			09/10/19 06:19	1
cis-1,2-Dichloroethene	**3.2**		1.0	0.81	ug/L			09/10/19 06:19	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/10/19 06:19	1
Cyclohexane	ND		1.0	0.18	ug/L			09/10/19 06:19	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/10/19 06:19	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/10/19 06:19	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/10/19 06:19	1
Methyl acetate	ND		2.5	1.3	ug/L			09/10/19 06:19	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/10/19 06:19	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/10/19 06:19	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/10/19 06:19	1
Styrene	ND		1.0	0.73	ug/L			09/10/19 06:19	1
Tetrachloroethene	**0.95**	**J**	1.0	0.36	ug/L			09/10/19 06:19	1
Toluene	ND		1.0	0.51	ug/L			09/10/19 06:19	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/10/19 06:19	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/10/19 06:19	1
Trichloroethene	**1.6**		1.0	0.46	ug/L			09/10/19 06:19	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/10/19 06:19	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/10/19 06:19	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/10/19 06:19	1
m,p-Xylene	ND		2.0	0.66	ug/L			09/10/19 06:19	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-19
Lab Sample ID: 480-158459-13
Date Collected: 08/29/19 12:00
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.0	0.76	ug/L			09/10/19 06:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 120*		*09/10/19 06:19*	*1*
Toluene-d8 (Surr)	*87*		*80 - 120*		*09/10/19 06:19*	*1*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*		*09/10/19 06:19*	*1*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.80	0.40	ug/L		09/04/19 07:35	09/06/19 19:15	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*62*		*15 - 110*	*09/04/19 07:35*	*09/06/19 19:15*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		09/04/19 15:05	09/06/19 18:53	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/04/19 15:05	09/06/19 18:53	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/04/19 15:05	09/06/19 18:53	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/04/19 15:05	09/06/19 18:53	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/04/19 15:05	09/06/19 18:53	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/04/19 15:05	09/06/19 18:53	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/04/19 15:05	09/06/19 18:53	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/04/19 15:05	09/06/19 18:53	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 18:53	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/04/19 15:05	09/06/19 18:53	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/04/19 15:05	09/06/19 18:53	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/04/19 15:05	09/06/19 18:53	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 18:53	1
2-Nitroaniline	ND		10	0.42	ug/L		09/04/19 15:05	09/06/19 18:53	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/04/19 15:05	09/06/19 18:53	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 18:53	1
3-Nitroaniline	ND		10	0.48	ug/L		09/04/19 15:05	09/06/19 18:53	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/04/19 15:05	09/06/19 18:53	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/04/19 15:05	09/06/19 18:53	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/04/19 15:05	09/06/19 18:53	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/04/19 15:05	09/06/19 18:53	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/04/19 15:05	09/06/19 18:53	1
4-Methylphenol	ND		10	0.36	ug/L		09/04/19 15:05	09/06/19 18:53	1
4-Nitroaniline	ND		10	0.25	ug/L		09/04/19 15:05	09/06/19 18:53	1
4-Nitrophenol	ND		10	1.5	ug/L		09/04/19 15:05	09/06/19 18:53	1
Acenaphthene	**1.8**	**J**	5.0	0.41	ug/L		09/04/19 15:05	09/06/19 18:53	1
Acenaphthylene	ND		5.0	0.38	ug/L		09/04/19 15:05	09/06/19 18:53	1
Acetophenone	ND		5.0	0.54	ug/L		09/04/19 15:05	09/06/19 18:53	1
Anthracene	ND		5.0	0.28	ug/L		09/04/19 15:05	09/06/19 18:53	1
Atrazine	ND		5.0	0.46	ug/L		09/04/19 15:05	09/06/19 18:53	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/04/19 15:05	09/06/19 18:53	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		09/04/19 15:05	09/06/19 18:53	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		09/04/19 15:05	09/06/19 18:53	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		09/04/19 15:05	09/06/19 18:53	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		09/04/19 15:05	09/06/19 18:53	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-19
Lab Sample ID: 480-158459-13
Date Collected: 08/29/19 12:00
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		09/04/19 15:05	09/06/19 18:53	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/04/19 15:05	09/06/19 18:53	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 18:53	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/04/19 15:05	09/06/19 18:53	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/04/19 15:05	09/06/19 18:53	1
Caprolactam	ND		5.0	2.2	ug/L		09/04/19 15:05	09/06/19 18:53	1
Carbazole	ND		5.0	0.30	ug/L		09/04/19 15:05	09/06/19 18:53	1
Chrysene	ND		5.0	0.33	ug/L		09/04/19 15:05	09/06/19 18:53	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		09/04/19 15:05	09/06/19 18:53	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/04/19 15:05	09/06/19 18:53	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/04/19 15:05	09/06/19 18:53	1
Dibenzofuran	ND		10	0.51	ug/L		09/04/19 15:05	09/06/19 18:53	1
Diethyl phthalate	ND		5.0	0.22	ug/L		09/04/19 15:05	09/06/19 18:53	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/04/19 15:05	09/06/19 18:53	1
Fluoranthene	**0.47**	**J**	5.0	0.40	ug/L		09/04/19 15:05	09/06/19 18:53	1
Fluorene	**0.39**	**J**	5.0	0.36	ug/L		09/04/19 15:05	09/06/19 18:53	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/04/19 15:05	09/06/19 18:53	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/04/19 15:05	09/06/19 18:53	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/04/19 15:05	09/06/19 18:53	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/04/19 15:05	09/06/19 18:53	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		09/04/19 15:05	09/06/19 18:53	1
Isophorone	ND		5.0	0.43	ug/L		09/04/19 15:05	09/06/19 18:53	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/04/19 15:05	09/06/19 18:53	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/04/19 15:05	09/06/19 18:53	1
Naphthalene	ND		5.0	0.76	ug/L		09/04/19 15:05	09/06/19 18:53	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/04/19 15:05	09/06/19 18:53	1
Pentachlorophenol	ND		10	2.2	ug/L		09/04/19 15:05	09/06/19 18:53	1
Phenanthrene	ND		5.0	0.44	ug/L		09/04/19 15:05	09/06/19 18:53	1
Phenol	ND		5.0	0.39	ug/L		09/04/19 15:05	09/06/19 18:53	1
Pyrene	ND		5.0	0.34	ug/L		09/04/19 15:05	09/06/19 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*118*		*41 - 120*	*09/04/19 15:05*	*09/06/19 18:53*	*1*
2-Fluorobiphenyl	*102*		*48 - 120*	*09/04/19 15:05*	*09/06/19 18:53*	*1*
2-Fluorophenol	*63*		*35 - 120*	*09/04/19 15:05*	*09/06/19 18:53*	*1*
Nitrobenzene-d5	*84*		*46 - 120*	*09/04/19 15:05*	*09/06/19 18:53*	*1*
p-Terphenyl-d14	*74*		*60 - 148*	*09/04/19 15:05*	*09/06/19 18:53*	*1*
Phenol-d5	*42*		*22 - 120*	*09/04/19 15:05*	*09/06/19 18:53*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		09/04/19 07:51	09/05/19 15:52	1
4,4'-DDE	ND		0.050	0.012	ug/L		09/04/19 07:51	09/05/19 15:52	1
4,4'-DDT	ND	*	0.050	0.011	ug/L		09/04/19 07:51	09/05/19 15:52	1
Aldrin	ND		0.050	0.0081	ug/L		09/04/19 07:51	09/05/19 15:52	1
alpha-BHC	ND		0.050	0.0077	ug/L		09/04/19 07:51	09/05/19 15:52	1
cis-Chlordane	ND		0.050	0.015	ug/L		09/04/19 07:51	09/05/19 15:52	1
beta-BHC	ND		0.050	0.025	ug/L		09/04/19 07:51	09/05/19 15:52	1
delta-BHC	**0.016**	**J B**	0.050	0.010	ug/L		09/04/19 07:51	09/05/19 15:52	1
Dieldrin	ND		0.050	0.0098	ug/L		09/04/19 07:51	09/05/19 15:52	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-19
Lab Sample ID: 480-158459-13
Date Collected: 08/29/19 12:00
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	ND		0.050	0.011	ug/L		09/04/19 07:51	09/05/19 15:52	1
Endosulfan II	ND		0.050	0.012	ug/L		09/04/19 07:51	09/05/19 15:52	1
Endosulfan sulfate	**0.017**	**J ***	0.050	0.016	ug/L		09/04/19 07:51	09/05/19 15:52	1
Endrin	ND		0.050	0.014	ug/L		09/04/19 07:51	09/05/19 15:52	1
Endrin aldehyde	ND		0.050	0.016	ug/L		09/04/19 07:51	09/05/19 15:52	1
Endrin ketone	ND		0.050	0.012	ug/L		09/04/19 07:51	09/05/19 15:52	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		09/04/19 07:51	09/05/19 15:52	1
trans-Chlordane	ND		0.050	0.011	ug/L		09/04/19 07:51	09/05/19 15:52	1
Heptachlor	**0.011**	**J**	0.050	0.0085	ug/L		09/04/19 07:51	09/05/19 15:52	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		09/04/19 07:51	09/05/19 15:52	1
Methoxychlor	ND		0.050	0.014	ug/L		09/04/19 07:51	09/05/19 15:52	1
Toxaphene	ND		0.50	0.12	ug/L		09/04/19 07:51	09/05/19 15:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*30*		*20 - 120*	*09/04/19 07:51*	*09/05/19 15:52*	*1*
Tetrachloro-m-xylene	*101*		*44 - 120*	*09/04/19 07:51*	*09/05/19 15:52*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 00:42	1
PCB-1221	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 00:42	1
PCB-1232	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 00:42	1
PCB-1242	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 00:42	1
PCB-1248	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 00:42	1
PCB-1254	ND		0.50	0.25	ug/L		09/09/19 08:22	09/11/19 00:42	1
PCB-1260	ND		0.50	0.25	ug/L		09/09/19 08:22	09/11/19 00:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*31*		*19 - 120*	*09/09/19 08:22*	*09/11/19 00:42*	*1*
Tetrachloro-m-xylene	*82*		*39 - 121*	*09/09/19 08:22*	*09/11/19 00:42*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**2.1**		0.20	0.060	mg/L		09/05/19 06:25	09/10/19 18:02	1
Antimony	ND		0.020	0.0068	mg/L		09/05/19 06:25	09/10/19 18:02	1
Arsenic	**0.0098**	**J**	0.015	0.0056	mg/L		09/05/19 06:25	09/10/19 18:02	1
Barium	**0.13**		0.0020	0.00070	mg/L		09/05/19 06:25	09/10/19 18:02	1
Beryllium	ND		0.0020	0.00030	mg/L		09/05/19 06:25	09/10/19 18:02	1
Cadmium	ND		0.0020	0.00050	mg/L		09/05/19 06:25	09/10/19 18:02	1
Calcium	**186**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 18:02	1
Chromium	**0.0030**	**J**	0.0040	0.0010	mg/L		09/05/19 06:25	09/10/19 18:02	1
Cobalt	ND		0.0040	0.00063	mg/L		09/05/19 06:25	09/10/19 18:02	1
Copper	ND		0.010	0.0016	mg/L		09/05/19 06:25	09/10/19 18:02	1
Iron	**3.3**		0.050	0.019	mg/L		09/05/19 06:25	09/10/19 18:02	1
Lead	**0.0036**	**J**	0.010	0.0030	mg/L		09/05/19 06:25	09/10/19 18:02	1
Magnesium	**16.1**		0.20	0.043	mg/L		09/05/19 06:25	09/10/19 18:02	1
Manganese	**0.88**		0.0030	0.00040	mg/L		09/05/19 06:25	09/10/19 18:02	1
Nickel	ND		0.010	0.0013	mg/L		09/05/19 06:25	09/10/19 18:02	1
Potassium	**3.4**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 18:02	1
Selenium	ND		0.025	0.0087	mg/L		09/05/19 06:25	09/10/19 18:02	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-19
Lab Sample ID: 480-158459-13
Date Collected: 08/29/19 12:00
Matrix: Water
Date Received: 08/30/19 08:00

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		09/05/19 06:25	09/10/19 18:02	1
Sodium	**14.7**		1.0	0.32	mg/L		09/05/19 06:25	09/10/19 18:02	1
Thallium	ND		0.020	0.010	mg/L		09/05/19 06:25	09/10/19 18:02	1
Vanadium	**0.0035**	**J**	0.0050	0.0015	mg/L		09/05/19 06:25	09/10/19 18:02	1
Zinc	**0.0074**	**J B**	0.010	0.0015	mg/L		09/05/19 06:25	09/10/19 18:02	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/10/19 11:40	09/10/19 16:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.0073**	**J**	0.010	0.0050	mg/L		09/08/19 16:20	09/09/19 15:43	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-18
Lab Sample ID: 480-158459-14
Date Collected: 08/29/19 10:30
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/10/19 06:44	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/10/19 06:44	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/10/19 06:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/10/19 06:44	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/10/19 06:44	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/10/19 06:44	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/10/19 06:44	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/10/19 06:44	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/10/19 06:44	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/10/19 06:44	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/10/19 06:44	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/10/19 06:44	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/10/19 06:44	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/10/19 06:44	1
2-Hexanone	ND		5.0	1.2	ug/L			09/10/19 06:44	1
2-Butanone (MEK)	**2.5**	**J**	10	1.3	ug/L			09/10/19 06:44	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/10/19 06:44	1
Acetone	**3.0**	**J**	10	3.0	ug/L			09/10/19 06:44	1
Benzene	ND		1.0	0.41	ug/L			09/10/19 06:44	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/10/19 06:44	1
Bromoform	ND		1.0	0.26	ug/L			09/10/19 06:44	1
Bromomethane	ND		1.0	0.69	ug/L			09/10/19 06:44	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/10/19 06:44	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/10/19 06:44	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/10/19 06:44	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/10/19 06:44	1
Chloroethane	ND		1.0	0.32	ug/L			09/10/19 06:44	1
Chloroform	ND		1.0	0.34	ug/L			09/10/19 06:44	1
Chloromethane	ND		1.0	0.35	ug/L			09/10/19 06:44	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/10/19 06:44	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/10/19 06:44	1
Cyclohexane	ND		1.0	0.18	ug/L			09/10/19 06:44	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/10/19 06:44	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/10/19 06:44	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/10/19 06:44	1
Methyl acetate	ND		2.5	1.3	ug/L			09/10/19 06:44	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/10/19 06:44	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/10/19 06:44	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/10/19 06:44	1
Styrene	ND		1.0	0.73	ug/L			09/10/19 06:44	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/10/19 06:44	1
Toluene	ND		1.0	0.51	ug/L			09/10/19 06:44	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/10/19 06:44	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/10/19 06:44	1
Trichloroethene	ND		1.0	0.46	ug/L			09/10/19 06:44	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/10/19 06:44	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/10/19 06:44	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/10/19 06:44	1
m,p-Xylene	ND		2.0	0.66	ug/L			09/10/19 06:44	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-18
Lab Sample ID: 480-158459-14
Date Collected: 08/29/19 10:30
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.0	0.76	ug/L			09/10/19 06:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 120*		*09/10/19 06:44*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*09/10/19 06:44*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*09/10/19 06:44*	*1*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.80	0.40	ug/L		09/04/19 07:35	09/06/19 19:39	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*69*		*15 - 110*	*09/04/19 07:35*	*09/06/19 19:39*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		09/04/19 15:05	09/06/19 19:20	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/04/19 15:05	09/06/19 19:20	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/04/19 15:05	09/06/19 19:20	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/04/19 15:05	09/06/19 19:20	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/04/19 15:05	09/06/19 19:20	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/04/19 15:05	09/06/19 19:20	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/04/19 15:05	09/06/19 19:20	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/04/19 15:05	09/06/19 19:20	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 19:20	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/04/19 15:05	09/06/19 19:20	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/04/19 15:05	09/06/19 19:20	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/04/19 15:05	09/06/19 19:20	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 19:20	1
2-Nitroaniline	ND		10	0.42	ug/L		09/04/19 15:05	09/06/19 19:20	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/04/19 15:05	09/06/19 19:20	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 19:20	1
3-Nitroaniline	ND		10	0.48	ug/L		09/04/19 15:05	09/06/19 19:20	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/04/19 15:05	09/06/19 19:20	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/04/19 15:05	09/06/19 19:20	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/04/19 15:05	09/06/19 19:20	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/04/19 15:05	09/06/19 19:20	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/04/19 15:05	09/06/19 19:20	1
4-Methylphenol	**1.6**	**J**	10	0.36	ug/L		09/04/19 15:05	09/06/19 19:20	1
4-Nitroaniline	ND		10	0.25	ug/L		09/04/19 15:05	09/06/19 19:20	1
4-Nitrophenol	ND		10	1.5	ug/L		09/04/19 15:05	09/06/19 19:20	1
Acenaphthene	ND		5.0	0.41	ug/L		09/04/19 15:05	09/06/19 19:20	1
Acenaphthylene	ND		5.0	0.38	ug/L		09/04/19 15:05	09/06/19 19:20	1
Acetophenone	ND		5.0	0.54	ug/L		09/04/19 15:05	09/06/19 19:20	1
Anthracene	ND		5.0	0.28	ug/L		09/04/19 15:05	09/06/19 19:20	1
Atrazine	ND		5.0	0.46	ug/L		09/04/19 15:05	09/06/19 19:20	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/04/19 15:05	09/06/19 19:20	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		09/04/19 15:05	09/06/19 19:20	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		09/04/19 15:05	09/06/19 19:20	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		09/04/19 15:05	09/06/19 19:20	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		09/04/19 15:05	09/06/19 19:20	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-18
Lab Sample ID: 480-158459-14
Date Collected: 08/29/19 10:30
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		09/04/19 15:05	09/06/19 19:20	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/04/19 15:05	09/06/19 19:20	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 19:20	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/04/19 15:05	09/06/19 19:20	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/04/19 15:05	09/06/19 19:20	1
Caprolactam	ND		5.0	2.2	ug/L		09/04/19 15:05	09/06/19 19:20	1
Carbazole	ND		5.0	0.30	ug/L		09/04/19 15:05	09/06/19 19:20	1
Chrysene	ND		5.0	0.33	ug/L		09/04/19 15:05	09/06/19 19:20	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		09/04/19 15:05	09/06/19 19:20	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/04/19 15:05	09/06/19 19:20	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/04/19 15:05	09/06/19 19:20	1
Dibenzofuran	ND		10	0.51	ug/L		09/04/19 15:05	09/06/19 19:20	1
Diethyl phthalate	ND		5.0	0.22	ug/L		09/04/19 15:05	09/06/19 19:20	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/04/19 15:05	09/06/19 19:20	1
Fluoranthene	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 19:20	1
Fluorene	ND		5.0	0.36	ug/L		09/04/19 15:05	09/06/19 19:20	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/04/19 15:05	09/06/19 19:20	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/04/19 15:05	09/06/19 19:20	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/04/19 15:05	09/06/19 19:20	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/04/19 15:05	09/06/19 19:20	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		09/04/19 15:05	09/06/19 19:20	1
Isophorone	ND		5.0	0.43	ug/L		09/04/19 15:05	09/06/19 19:20	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/04/19 15:05	09/06/19 19:20	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/04/19 15:05	09/06/19 19:20	1
Naphthalene	ND		5.0	0.76	ug/L		09/04/19 15:05	09/06/19 19:20	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/04/19 15:05	09/06/19 19:20	1
Pentachlorophenol	ND		10	2.2	ug/L		09/04/19 15:05	09/06/19 19:20	1
Phenanthrene	ND		5.0	0.44	ug/L		09/04/19 15:05	09/06/19 19:20	1
Phenol	ND		5.0	0.39	ug/L		09/04/19 15:05	09/06/19 19:20	1
Pyrene	ND		5.0	0.34	ug/L		09/04/19 15:05	09/06/19 19:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*99*		*41 - 120*	*09/04/19 15:05*	*09/06/19 19:20*	*1*
2-Fluorobiphenyl	*90*		*48 - 120*	*09/04/19 15:05*	*09/06/19 19:20*	*1*
2-Fluorophenol	*57*		*35 - 120*	*09/04/19 15:05*	*09/06/19 19:20*	*1*
Nitrobenzene-d5	*73*		*46 - 120*	*09/04/19 15:05*	*09/06/19 19:20*	*1*
p-Terphenyl-d14	*71*		*60 - 148*	*09/04/19 15:05*	*09/06/19 19:20*	*1*
Phenol-d5	*40*		*22 - 120*	*09/04/19 15:05*	*09/06/19 19:20*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		09/04/19 07:51	09/05/19 16:11	1
4,4'-DDE	ND		0.050	0.012	ug/L		09/04/19 07:51	09/05/19 16:11	1
4,4'-DDT	ND	*	0.050	0.011	ug/L		09/04/19 07:51	09/05/19 16:11	1
Aldrin	ND		0.050	0.0081	ug/L		09/04/19 07:51	09/05/19 16:11	1
alpha-BHC	**0.010**	**J**	0.050	0.0077	ug/L		09/04/19 07:51	09/05/19 16:11	1
cis-Chlordane	ND		0.050	0.015	ug/L		09/04/19 07:51	09/05/19 16:11	1
beta-BHC	ND		0.050	0.025	ug/L		09/04/19 07:51	09/05/19 16:11	1
delta-BHC	ND		0.050	0.010	ug/L		09/04/19 07:51	09/05/19 16:11	1
Dieldrin	ND		0.050	0.0098	ug/L		09/04/19 07:51	09/05/19 16:11	1

Client Sample ID: MW-18
Date Collected: 08/29/19 10:30
Date Received: 08/30/19 08:00

Lab Sample ID: 480-158459-14
Matrix: Water

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	ND		0.050	0.011	ug/L		09/04/19 07:51	09/05/19 16:11	1
Endosulfan II	ND		0.050	0.012	ug/L		09/04/19 07:51	09/05/19 16:11	1
Endosulfan sulfate	ND	*	0.050	0.016	ug/L		09/04/19 07:51	09/05/19 16:11	1
Endrin	ND		0.050	0.014	ug/L		09/04/19 07:51	09/05/19 16:11	1
Endrin aldehyde	ND		0.050	0.016	ug/L		09/04/19 07:51	09/05/19 16:11	1
Endrin ketone	ND		0.050	0.012	ug/L		09/04/19 07:51	09/05/19 16:11	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		09/04/19 07:51	09/05/19 16:11	1
trans-Chlordane	ND		0.050	0.011	ug/L		09/04/19 07:51	09/05/19 16:11	1
Heptachlor	ND		0.050	0.0085	ug/L		09/04/19 07:51	09/05/19 16:11	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		09/04/19 07:51	09/05/19 16:11	1
Methoxychlor	ND		0.050	0.014	ug/L		09/04/19 07:51	09/05/19 16:11	1
Toxaphene	ND		0.50	0.12	ug/L		09/04/19 07:51	09/05/19 16:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*38*		*20 - 120*	*09/04/19 07:51*	*09/05/19 16:11*	*1*
Tetrachloro-m-xylene	*92*		*44 - 120*	*09/04/19 07:51*	*09/05/19 16:11*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 00:55	1
PCB-1221	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 00:55	1
PCB-1232	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 00:55	1
PCB-1242	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 00:55	1
PCB-1248	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 00:55	1
PCB-1254	ND		0.50	0.25	ug/L		09/09/19 08:22	09/11/19 00:55	1
PCB-1260	ND		0.50	0.25	ug/L		09/09/19 08:22	09/11/19 00:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*31*		*19 - 120*	*09/09/19 08:22*	*09/11/19 00:55*	*1*
Tetrachloro-m-xylene	*81*		*39 - 121*	*09/09/19 08:22*	*09/11/19 00:55*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8.3**		0.20	0.060	mg/L		09/05/19 06:25	09/10/19 18:06	1
Antimony	ND		0.020	0.0068	mg/L		09/05/19 06:25	09/10/19 18:06	1
Arsenic	**0.0098**	**J**	0.015	0.0056	mg/L		09/05/19 06:25	09/10/19 18:06	1
Barium	**0.16**		0.0020	0.00070	mg/L		09/05/19 06:25	09/10/19 18:06	1
Beryllium	ND		0.0020	0.00030	mg/L		09/05/19 06:25	09/10/19 18:06	1
Cadmium	ND		0.0020	0.00050	mg/L		09/05/19 06:25	09/10/19 18:06	1
Calcium	**109**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 18:06	1
Chromium	**0.015**		0.0040	0.0010	mg/L		09/05/19 06:25	09/10/19 18:06	1
Cobalt	**0.0029**	**J**	0.0040	0.00063	mg/L		09/05/19 06:25	09/10/19 18:06	1
Copper	**0.013**		0.010	0.0016	mg/L		09/05/19 06:25	09/10/19 18:06	1
Iron	**12.8**		0.050	0.019	mg/L		09/05/19 06:25	09/10/19 18:06	1
Lead	**0.010**		0.010	0.0030	mg/L		09/05/19 06:25	09/10/19 18:06	1
Magnesium	**35.4**		0.20	0.043	mg/L		09/05/19 06:25	09/10/19 18:06	1
Manganese	**0.96**		0.0030	0.00040	mg/L		09/05/19 06:25	09/10/19 18:06	1
Nickel	**0.0095**	**J**	0.010	0.0013	mg/L		09/05/19 06:25	09/10/19 18:06	1
Potassium	**12.2**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 18:06	1
Selenium	ND		0.025	0.0087	mg/L		09/05/19 06:25	09/10/19 18:06	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-18
Lab Sample ID: 480-158459-14
Date Collected: 08/29/19 10:30
Matrix: Water
Date Received: 08/30/19 08:00

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		09/05/19 06:25	09/10/19 18:06	1
Sodium	**43.7**		1.0	0.32	mg/L		09/05/19 06:25	09/10/19 18:06	1
Thallium	ND		0.020	0.010	mg/L		09/05/19 06:25	09/10/19 18:06	1
Vanadium	**0.015**		0.0050	0.0015	mg/L		09/05/19 06:25	09/10/19 18:06	1
Zinc	**0.033**	**B**	0.010	0.0015	mg/L		09/05/19 06:25	09/10/19 18:06	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/10/19 11:40	09/10/19 16:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		09/08/19 16:20	09/09/19 15:44	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-20D
Lab Sample ID: 480-158459-15
Date Collected: 08/28/19 09:20
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/09/19 03:19	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/09/19 03:19	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/09/19 03:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/09/19 03:19	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/09/19 03:19	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/09/19 03:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/09/19 03:19	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/09/19 03:19	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/09/19 03:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/09/19 03:19	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/09/19 03:19	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/09/19 03:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/09/19 03:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/09/19 03:19	1
2-Hexanone	ND		5.0	1.2	ug/L			09/09/19 03:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/09/19 03:19	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/09/19 03:19	1
Acetone	ND		10	3.0	ug/L			09/09/19 03:19	1
Benzene	ND		1.0	0.41	ug/L			09/09/19 03:19	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/09/19 03:19	1
Bromoform	ND		1.0	0.26	ug/L			09/09/19 03:19	1
Bromomethane	ND		1.0	0.69	ug/L			09/09/19 03:19	1
Carbon disulfide	**0.30**	**J**	1.0	0.19	ug/L			09/09/19 03:19	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/09/19 03:19	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/09/19 03:19	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/09/19 03:19	1
Chloroethane	ND		1.0	0.32	ug/L			09/09/19 03:19	1
Chloroform	ND		1.0	0.34	ug/L			09/09/19 03:19	1
Chloromethane	ND		1.0	0.35	ug/L			09/09/19 03:19	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/09/19 03:19	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/09/19 03:19	1
Cyclohexane	ND		1.0	0.18	ug/L			09/09/19 03:19	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/09/19 03:19	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/09/19 03:19	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/09/19 03:19	1
Methyl acetate	ND		2.5	1.3	ug/L			09/09/19 03:19	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/09/19 03:19	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/09/19 03:19	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/09/19 03:19	1
Styrene	ND		1.0	0.73	ug/L			09/09/19 03:19	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/09/19 03:19	1
Toluene	ND		1.0	0.51	ug/L			09/09/19 03:19	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/09/19 03:19	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/09/19 03:19	1
Trichloroethene	ND		1.0	0.46	ug/L			09/09/19 03:19	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/09/19 03:19	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/09/19 03:19	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/09/19 03:19	1
m,p-Xylene	ND		2.0	0.66	ug/L			09/09/19 03:19	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-20D
Lab Sample ID: 480-158459-15
Date Collected: 08/28/19 09:20
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.0	0.76	ug/L			09/09/19 03:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*09/09/19 03:19*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*09/09/19 03:19*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*09/09/19 03:19*	*1*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.80	0.40	ug/L		09/04/19 07:35	09/06/19 20:02	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*65*		*15 - 110*	*09/04/19 07:35*	*09/06/19 20:02*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		09/04/19 15:05	09/06/19 19:48	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/04/19 15:05	09/06/19 19:48	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/04/19 15:05	09/06/19 19:48	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/04/19 15:05	09/06/19 19:48	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/04/19 15:05	09/06/19 19:48	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/04/19 15:05	09/06/19 19:48	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/04/19 15:05	09/06/19 19:48	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/04/19 15:05	09/06/19 19:48	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 19:48	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/04/19 15:05	09/06/19 19:48	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/04/19 15:05	09/06/19 19:48	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/04/19 15:05	09/06/19 19:48	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 19:48	1
2-Nitroaniline	ND		10	0.42	ug/L		09/04/19 15:05	09/06/19 19:48	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/04/19 15:05	09/06/19 19:48	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 19:48	1
3-Nitroaniline	ND		10	0.48	ug/L		09/04/19 15:05	09/06/19 19:48	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/04/19 15:05	09/06/19 19:48	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/04/19 15:05	09/06/19 19:48	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/04/19 15:05	09/06/19 19:48	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/04/19 15:05	09/06/19 19:48	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/04/19 15:05	09/06/19 19:48	1
4-Methylphenol	ND		10	0.36	ug/L		09/04/19 15:05	09/06/19 19:48	1
4-Nitroaniline	ND		10	0.25	ug/L		09/04/19 15:05	09/06/19 19:48	1
4-Nitrophenol	ND		10	1.5	ug/L		09/04/19 15:05	09/06/19 19:48	1
Acenaphthene	ND		5.0	0.41	ug/L		09/04/19 15:05	09/06/19 19:48	1
Acenaphthylene	ND		5.0	0.38	ug/L		09/04/19 15:05	09/06/19 19:48	1
Acetophenone	ND		5.0	0.54	ug/L		09/04/19 15:05	09/06/19 19:48	1
Anthracene	ND		5.0	0.28	ug/L		09/04/19 15:05	09/06/19 19:48	1
Atrazine	ND		5.0	0.46	ug/L		09/04/19 15:05	09/06/19 19:48	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/04/19 15:05	09/06/19 19:48	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		09/04/19 15:05	09/06/19 19:48	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		09/04/19 15:05	09/06/19 19:48	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		09/04/19 15:05	09/06/19 19:48	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		09/04/19 15:05	09/06/19 19:48	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-20D
Lab Sample ID: 480-158459-15
Date Collected: 08/28/19 09:20
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		09/04/19 15:05	09/06/19 19:48	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/04/19 15:05	09/06/19 19:48	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 19:48	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/04/19 15:05	09/06/19 19:48	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/04/19 15:05	09/06/19 19:48	1
Caprolactam	ND		5.0	2.2	ug/L		09/04/19 15:05	09/06/19 19:48	1
Carbazole	ND		5.0	0.30	ug/L		09/04/19 15:05	09/06/19 19:48	1
Chrysene	ND		5.0	0.33	ug/L		09/04/19 15:05	09/06/19 19:48	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		09/04/19 15:05	09/06/19 19:48	1
Di-n-octyl phthalate	**0.59**	**J**	5.0	0.47	ug/L		09/04/19 15:05	09/06/19 19:48	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/04/19 15:05	09/06/19 19:48	1
Dibenzofuran	ND		10	0.51	ug/L		09/04/19 15:05	09/06/19 19:48	1
Diethyl phthalate	ND		5.0	0.22	ug/L		09/04/19 15:05	09/06/19 19:48	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/04/19 15:05	09/06/19 19:48	1
Fluoranthene	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 19:48	1
Fluorene	ND		5.0	0.36	ug/L		09/04/19 15:05	09/06/19 19:48	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/04/19 15:05	09/06/19 19:48	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/04/19 15:05	09/06/19 19:48	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/04/19 15:05	09/06/19 19:48	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/04/19 15:05	09/06/19 19:48	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		09/04/19 15:05	09/06/19 19:48	1
Isophorone	ND		5.0	0.43	ug/L		09/04/19 15:05	09/06/19 19:48	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/04/19 15:05	09/06/19 19:48	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/04/19 15:05	09/06/19 19:48	1
Naphthalene	ND		5.0	0.76	ug/L		09/04/19 15:05	09/06/19 19:48	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/04/19 15:05	09/06/19 19:48	1
Pentachlorophenol	ND		10	2.2	ug/L		09/04/19 15:05	09/06/19 19:48	1
Phenanthrene	ND		5.0	0.44	ug/L		09/04/19 15:05	09/06/19 19:48	1
Phenol	ND		5.0	0.39	ug/L		09/04/19 15:05	09/06/19 19:48	1
Pyrene	ND		5.0	0.34	ug/L		09/04/19 15:05	09/06/19 19:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*88*		*41 - 120*	*09/04/19 15:05*	*09/06/19 19:48*	*1*
2-Fluorobiphenyl	*89*		*48 - 120*	*09/04/19 15:05*	*09/06/19 19:48*	*1*
2-Fluorophenol	*58*		*35 - 120*	*09/04/19 15:05*	*09/06/19 19:48*	*1*
Nitrobenzene-d5	*72*		*46 - 120*	*09/04/19 15:05*	*09/06/19 19:48*	*1*
p-Terphenyl-d14	*76*		*60 - 148*	*09/04/19 15:05*	*09/06/19 19:48*	*1*
Phenol-d5	*43*		*22 - 120*	*09/04/19 15:05*	*09/06/19 19:48*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		09/04/19 07:51	09/05/19 16:31	1
4,4'-DDE	ND		0.050	0.012	ug/L		09/04/19 07:51	09/05/19 16:31	1
4,4'-DDT	ND	*	0.050	0.011	ug/L		09/04/19 07:51	09/05/19 16:31	1
Aldrin	ND		0.050	0.0081	ug/L		09/04/19 07:51	09/05/19 16:31	1
alpha-BHC	**0.0091**	**J**	0.050	0.0077	ug/L		09/04/19 07:51	09/05/19 16:31	1
cis-Chlordane	ND		0.050	0.015	ug/L		09/04/19 07:51	09/05/19 16:31	1
beta-BHC	ND		0.050	0.025	ug/L		09/04/19 07:51	09/05/19 16:31	1
delta-BHC	ND		0.050	0.010	ug/L		09/04/19 07:51	09/05/19 16:31	1
Dieldrin	ND		0.050	0.0098	ug/L		09/04/19 07:51	09/05/19 16:31	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-20D
Lab Sample ID: 480-158459-15
Date Collected: 08/28/19 09:20
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	ND		0.050	0.011	ug/L		09/04/19 07:51	09/05/19 16:31	1
Endosulfan II	ND		0.050	0.012	ug/L		09/04/19 07:51	09/05/19 16:31	1
Endosulfan sulfate	ND	*	0.050	0.016	ug/L		09/04/19 07:51	09/05/19 16:31	1
Endrin	ND		0.050	0.014	ug/L		09/04/19 07:51	09/05/19 16:31	1
Endrin aldehyde	ND		0.050	0.016	ug/L		09/04/19 07:51	09/05/19 16:31	1
Endrin ketone	ND		0.050	0.012	ug/L		09/04/19 07:51	09/05/19 16:31	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		09/04/19 07:51	09/05/19 16:31	1
trans-Chlordane	ND		0.050	0.011	ug/L		09/04/19 07:51	09/05/19 16:31	1
Heptachlor	ND		0.050	0.0085	ug/L		09/04/19 07:51	09/05/19 16:31	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		09/04/19 07:51	09/05/19 16:31	1
Methoxychlor	ND		0.050	0.014	ug/L		09/04/19 07:51	09/05/19 16:31	1
Toxaphene	ND		0.50	0.12	ug/L		09/04/19 07:51	09/05/19 16:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*57*		*20 - 120*	*09/04/19 07:51*	*09/05/19 16:31*	*1*
Tetrachloro-m-xylene	*89*		*44 - 120*	*09/04/19 07:51*	*09/05/19 16:31*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.52	0.18	ug/L		09/09/19 08:22	09/11/19 01:07	1
PCB-1221	ND		0.52	0.18	ug/L		09/09/19 08:22	09/11/19 01:07	1
PCB-1232	ND		0.52	0.18	ug/L		09/09/19 08:22	09/11/19 01:07	1
PCB-1242	ND		0.52	0.18	ug/L		09/09/19 08:22	09/11/19 01:07	1
PCB-1248	ND		0.52	0.18	ug/L		09/09/19 08:22	09/11/19 01:07	1
PCB-1254	ND		0.52	0.26	ug/L		09/09/19 08:22	09/11/19 01:07	1
PCB-1260	ND		0.52	0.26	ug/L		09/09/19 08:22	09/11/19 01:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*43*		*19 - 120*	*09/09/19 08:22*	*09/11/19 01:07*	*1*
Tetrachloro-m-xylene	*82*		*39 - 121*	*09/09/19 08:22*	*09/11/19 01:07*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.27**		0.20	0.060	mg/L		09/05/19 06:25	09/10/19 18:21	1
Antimony	ND		0.020	0.0068	mg/L		09/05/19 06:25	09/10/19 18:21	1
Arsenic	ND		0.015	0.0056	mg/L		09/05/19 06:25	09/10/19 18:21	1
Barium	**0.16**		0.0020	0.00070	mg/L		09/05/19 06:25	09/10/19 18:21	1
Beryllium	ND		0.0020	0.00030	mg/L		09/05/19 06:25	09/10/19 18:21	1
Cadmium	ND		0.0020	0.00050	mg/L		09/05/19 06:25	09/10/19 18:21	1
Calcium	**133**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 18:21	1
Chromium	ND		0.0040	0.0010	mg/L		09/05/19 06:25	09/10/19 18:21	1
Cobalt	ND		0.0040	0.00063	mg/L		09/05/19 06:25	09/10/19 18:21	1
Copper	ND		0.010	0.0016	mg/L		09/05/19 06:25	09/10/19 18:21	1
Iron	**2.8**		0.050	0.019	mg/L		09/05/19 06:25	09/10/19 18:21	1
Lead	ND		0.010	0.0030	mg/L		09/05/19 06:25	09/10/19 18:21	1
Magnesium	**23.4**		0.20	0.043	mg/L		09/05/19 06:25	09/10/19 18:21	1
Manganese	**0.067**		0.0030	0.00040	mg/L		09/05/19 06:25	09/10/19 18:21	1
Nickel	ND		0.010	0.0013	mg/L		09/05/19 06:25	09/10/19 18:21	1
Potassium	**4.9**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 18:21	1
Selenium	ND		0.025	0.0087	mg/L		09/05/19 06:25	09/10/19 18:21	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-20D
Lab Sample ID: 480-158459-15
Date Collected: 08/28/19 09:20
Matrix: Water
Date Received: 08/30/19 08:00

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		09/05/19 06:25	09/10/19 18:21	1
Sodium	**81.5**		1.0	0.32	mg/L		09/05/19 06:25	09/10/19 18:21	1
Thallium	ND		0.020	0.010	mg/L		09/05/19 06:25	09/10/19 18:21	1
Vanadium	ND		0.0050	0.0015	mg/L		09/05/19 06:25	09/10/19 18:21	1
Zinc	**0.0032**	**J B**	0.010	0.0015	mg/L		09/05/19 06:25	09/10/19 18:21	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/10/19 11:40	09/10/19 16:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		09/08/19 15:09	09/09/19 13:09	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-31
Lab Sample ID: 480-158459-16
Date Collected: 08/28/19 12:30
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			09/09/19 03:43	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			09/09/19 03:43	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			09/09/19 03:43	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			09/09/19 03:43	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			09/09/19 03:43	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			09/09/19 03:43	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			09/09/19 03:43	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			09/09/19 03:43	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			09/09/19 03:43	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			09/09/19 03:43	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			09/09/19 03:43	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			09/09/19 03:43	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			09/09/19 03:43	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			09/09/19 03:43	4
2-Hexanone	ND		20	5.0	ug/L			09/09/19 03:43	4
2-Butanone (MEK)	ND		40	5.3	ug/L			09/09/19 03:43	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			09/09/19 03:43	4
Acetone	ND		40	12	ug/L			09/09/19 03:43	4
Benzene	**2.5**	**J**	4.0	1.6	ug/L			09/09/19 03:43	4
Bromodichloromethane	ND		4.0	1.6	ug/L			09/09/19 03:43	4
Bromoform	ND		4.0	1.0	ug/L			09/09/19 03:43	4
Bromomethane	ND		4.0	2.8	ug/L			09/09/19 03:43	4
Carbon disulfide	ND		4.0	0.76	ug/L			09/09/19 03:43	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			09/09/19 03:43	4
Chlorobenzene	ND		4.0	3.0	ug/L			09/09/19 03:43	4
Dibromochloromethane	ND		4.0	1.3	ug/L			09/09/19 03:43	4
Chloroethane	ND		4.0	1.3	ug/L			09/09/19 03:43	4
Chloroform	ND		4.0	1.4	ug/L			09/09/19 03:43	4
Chloromethane	ND		4.0	1.4	ug/L			09/09/19 03:43	4
cis-1,2-Dichloroethene	**11**		4.0	3.2	ug/L			09/09/19 03:43	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			09/09/19 03:43	4
Cyclohexane	ND		4.0	0.72	ug/L			09/09/19 03:43	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			09/09/19 03:43	4
Ethylbenzene	ND		4.0	3.0	ug/L			09/09/19 03:43	4
Isopropylbenzene	ND		4.0	3.2	ug/L			09/09/19 03:43	4
Methyl acetate	ND		10	5.2	ug/L			09/09/19 03:43	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			09/09/19 03:43	4
Methylcyclohexane	ND		4.0	0.64	ug/L			09/09/19 03:43	4
Methylene Chloride	ND		4.0	1.8	ug/L			09/09/19 03:43	4
Styrene	ND		4.0	2.9	ug/L			09/09/19 03:43	4
Tetrachloroethene	ND		4.0	1.4	ug/L			09/09/19 03:43	4
Toluene	ND		4.0	2.0	ug/L			09/09/19 03:43	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			09/09/19 03:43	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			09/09/19 03:43	4
Trichloroethene	ND		4.0	1.8	ug/L			09/09/19 03:43	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			09/09/19 03:43	4
Vinyl chloride	**7.3**		4.0	3.6	ug/L			09/09/19 03:43	4
Xylenes, Total	ND		8.0	2.6	ug/L			09/09/19 03:43	4
m,p-Xylene	ND		8.0	2.6	ug/L			09/09/19 03:43	4

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-31
Lab Sample ID: 480-158459-16
Date Collected: 08/28/19 12:30
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		4.0	3.0	ug/L			09/09/19 03:43	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*09/09/19 03:43*	*4*
Toluene-d8 (Surr)	*98*		*80 - 120*		*09/09/19 03:43*	*4*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*09/09/19 03:43*	*4*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**6.9**		4.0	2.0	ug/L		09/04/19 07:35	09/09/19 22:52	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*70*		*15 - 110*	*09/04/19 07:35*	*09/09/19 22:52*	*5*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		09/04/19 15:05	09/06/19 20:16	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/04/19 15:05	09/06/19 20:16	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/04/19 15:05	09/06/19 20:16	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/04/19 15:05	09/06/19 20:16	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/04/19 15:05	09/06/19 20:16	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/04/19 15:05	09/06/19 20:16	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/04/19 15:05	09/06/19 20:16	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/04/19 15:05	09/06/19 20:16	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 20:16	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/04/19 15:05	09/06/19 20:16	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/04/19 15:05	09/06/19 20:16	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/04/19 15:05	09/06/19 20:16	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 20:16	1
2-Nitroaniline	ND		10	0.42	ug/L		09/04/19 15:05	09/06/19 20:16	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/04/19 15:05	09/06/19 20:16	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 20:16	1
3-Nitroaniline	ND		10	0.48	ug/L		09/04/19 15:05	09/06/19 20:16	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/04/19 15:05	09/06/19 20:16	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/04/19 15:05	09/06/19 20:16	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/04/19 15:05	09/06/19 20:16	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/04/19 15:05	09/06/19 20:16	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/04/19 15:05	09/06/19 20:16	1
4-Methylphenol	ND		10	0.36	ug/L		09/04/19 15:05	09/06/19 20:16	1
4-Nitroaniline	ND		10	0.25	ug/L		09/04/19 15:05	09/06/19 20:16	1
4-Nitrophenol	ND		10	1.5	ug/L		09/04/19 15:05	09/06/19 20:16	1
Acenaphthene	ND		5.0	0.41	ug/L		09/04/19 15:05	09/06/19 20:16	1
Acenaphthylene	ND		5.0	0.38	ug/L		09/04/19 15:05	09/06/19 20:16	1
Acetophenone	ND		5.0	0.54	ug/L		09/04/19 15:05	09/06/19 20:16	1
Anthracene	ND		5.0	0.28	ug/L		09/04/19 15:05	09/06/19 20:16	1
Atrazine	ND		5.0	0.46	ug/L		09/04/19 15:05	09/06/19 20:16	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/04/19 15:05	09/06/19 20:16	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		09/04/19 15:05	09/06/19 20:16	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		09/04/19 15:05	09/06/19 20:16	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		09/04/19 15:05	09/06/19 20:16	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		09/04/19 15:05	09/06/19 20:16	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-31
Lab Sample ID: 480-158459-16
Date Collected: 08/28/19 12:30
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		09/04/19 15:05	09/06/19 20:16	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/04/19 15:05	09/06/19 20:16	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 20:16	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/04/19 15:05	09/06/19 20:16	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/04/19 15:05	09/06/19 20:16	1
Caprolactam	ND		5.0	2.2	ug/L		09/04/19 15:05	09/06/19 20:16	1
Carbazole	ND		5.0	0.30	ug/L		09/04/19 15:05	09/06/19 20:16	1
Chrysene	ND		5.0	0.33	ug/L		09/04/19 15:05	09/06/19 20:16	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		09/04/19 15:05	09/06/19 20:16	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/04/19 15:05	09/06/19 20:16	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/04/19 15:05	09/06/19 20:16	1
Dibenzofuran	ND		10	0.51	ug/L		09/04/19 15:05	09/06/19 20:16	1
Diethyl phthalate	ND		5.0	0.22	ug/L		09/04/19 15:05	09/06/19 20:16	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/04/19 15:05	09/06/19 20:16	1
Fluoranthene	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 20:16	1
Fluorene	ND		5.0	0.36	ug/L		09/04/19 15:05	09/06/19 20:16	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/04/19 15:05	09/06/19 20:16	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/04/19 15:05	09/06/19 20:16	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/04/19 15:05	09/06/19 20:16	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/04/19 15:05	09/06/19 20:16	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		09/04/19 15:05	09/06/19 20:16	1
Isophorone	ND		5.0	0.43	ug/L		09/04/19 15:05	09/06/19 20:16	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/04/19 15:05	09/06/19 20:16	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/04/19 15:05	09/06/19 20:16	1
Naphthalene	ND		5.0	0.76	ug/L		09/04/19 15:05	09/06/19 20:16	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/04/19 15:05	09/06/19 20:16	1
Pentachlorophenol	ND		10	2.2	ug/L		09/04/19 15:05	09/06/19 20:16	1
Phenanthrene	ND		5.0	0.44	ug/L		09/04/19 15:05	09/06/19 20:16	1
Phenol	ND		5.0	0.39	ug/L		09/04/19 15:05	09/06/19 20:16	1
Pyrene	ND		5.0	0.34	ug/L		09/04/19 15:05	09/06/19 20:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*111*		*41 - 120*	*09/04/19 15:05*	*09/06/19 20:16*	*1*
2-Fluorobiphenyl	*90*		*48 - 120*	*09/04/19 15:05*	*09/06/19 20:16*	*1*
2-Fluorophenol	*58*		*35 - 120*	*09/04/19 15:05*	*09/06/19 20:16*	*1*
Nitrobenzene-d5	*73*		*46 - 120*	*09/04/19 15:05*	*09/06/19 20:16*	*1*
p-Terphenyl-d14	*69*		*60 - 148*	*09/04/19 15:05*	*09/06/19 20:16*	*1*
Phenol-d5	*42*		*22 - 120*	*09/04/19 15:05*	*09/06/19 20:16*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.052	0.0096	ug/L		09/04/19 07:51	09/05/19 16:50	1
4,4'-DDE	**0.019**	**J B**	0.052	0.012	ug/L		09/04/19 07:51	09/05/19 16:50	1
4,4'-DDT	ND	*	0.052	0.011	ug/L		09/04/19 07:51	09/05/19 16:50	1
Aldrin	ND		0.052	0.0084	ug/L		09/04/19 07:51	09/05/19 16:50	1
alpha-BHC	ND		0.052	0.0080	ug/L		09/04/19 07:51	09/05/19 16:50	1
cis-Chlordane	ND		0.052	0.015	ug/L		09/04/19 07:51	09/05/19 16:50	1
beta-BHC	ND		0.052	0.026	ug/L		09/04/19 07:51	09/05/19 16:50	1
delta-BHC	ND		0.052	0.010	ug/L		09/04/19 07:51	09/05/19 16:50	1
Dieldrin	ND		0.052	0.010	ug/L		09/04/19 07:51	09/05/19 16:50	1

Client Sample ID: MW-31
Date Collected: 08/28/19 12:30
Date Received: 08/30/19 08:00

Lab Sample ID: 480-158459-16
Matrix: Water

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	ND		0.052	0.011	ug/L		09/04/19 07:51	09/05/19 16:50	1
Endosulfan II	ND		0.052	0.013	ug/L		09/04/19 07:51	09/05/19 16:50	1
Endosulfan sulfate	**0.017**	**J ***	0.052	0.016	ug/L		09/04/19 07:51	09/05/19 16:50	1
Endrin	ND		0.052	0.014	ug/L		09/04/19 07:51	09/05/19 16:50	1
Endrin aldehyde	ND		0.052	0.017	ug/L		09/04/19 07:51	09/05/19 16:50	1
Endrin ketone	ND		0.052	0.013	ug/L		09/04/19 07:51	09/05/19 16:50	1
gamma-BHC (Lindane)	ND		0.052	0.0083	ug/L		09/04/19 07:51	09/05/19 16:50	1
trans-Chlordane	ND		0.052	0.011	ug/L		09/04/19 07:51	09/05/19 16:50	1
Heptachlor	ND		0.052	0.0089	ug/L		09/04/19 07:51	09/05/19 16:50	1
Heptachlor epoxide	ND		0.052	0.0077	ug/L		09/04/19 07:51	09/05/19 16:50	1
Methoxychlor	ND		0.052	0.015	ug/L		09/04/19 07:51	09/05/19 16:50	1
Toxaphene	ND		0.52	0.13	ug/L		09/04/19 07:51	09/05/19 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*49*		*20 - 120*	*09/04/19 07:51*	*09/05/19 16:50*	*1*
Tetrachloro-m-xylene	*116*		*44 - 120*	*09/04/19 07:51*	*09/05/19 16:50*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 01:20	1
PCB-1221	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 01:20	1
PCB-1232	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 01:20	1
PCB-1242	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 01:20	1
PCB-1248	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 01:20	1
PCB-1254	ND		0.50	0.25	ug/L		09/09/19 08:22	09/11/19 01:20	1
PCB-1260	ND		0.50	0.25	ug/L		09/09/19 08:22	09/11/19 01:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*32*		*19 - 120*	*09/09/19 08:22*	*09/11/19 01:20*	*1*
Tetrachloro-m-xylene	*77*		*39 - 121*	*09/09/19 08:22*	*09/11/19 01:20*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/05/19 06:25	09/10/19 18:25	1
Antimony	ND		0.020	0.0068	mg/L		09/05/19 06:25	09/10/19 18:25	1
Arsenic	ND		0.015	0.0056	mg/L		09/05/19 06:25	09/10/19 18:25	1
Barium	**0.10**		0.0020	0.00070	mg/L		09/05/19 06:25	09/10/19 18:25	1
Beryllium	ND		0.0020	0.00030	mg/L		09/05/19 06:25	09/10/19 18:25	1
Cadmium	ND		0.0020	0.00050	mg/L		09/05/19 06:25	09/10/19 18:25	1
Calcium	**209**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 18:25	1
Chromium	ND		0.0040	0.0010	mg/L		09/05/19 06:25	09/10/19 18:25	1
Cobalt	ND		0.0040	0.00063	mg/L		09/05/19 06:25	09/10/19 18:25	1
Copper	ND		0.010	0.0016	mg/L		09/05/19 06:25	09/10/19 18:25	1
Iron	**3.5**		0.050	0.019	mg/L		09/05/19 06:25	09/10/19 18:25	1
Lead	ND		0.010	0.0030	mg/L		09/05/19 06:25	09/10/19 18:25	1
Magnesium	**45.1**		0.20	0.043	mg/L		09/05/19 06:25	09/10/19 18:25	1
Manganese	**0.40**		0.0030	0.00040	mg/L		09/05/19 06:25	09/10/19 18:25	1
Nickel	ND		0.010	0.0013	mg/L		09/05/19 06:25	09/10/19 18:25	1
Potassium	**3.6**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 18:25	1
Selenium	ND		0.025	0.0087	mg/L		09/05/19 06:25	09/10/19 18:25	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-31
Lab Sample ID: 480-158459-16
Date Collected: 08/28/19 12:30
Matrix: Water
Date Received: 08/30/19 08:00

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		09/05/19 06:25	09/10/19 18:25	1
Sodium	**89.1**		1.0	0.32	mg/L		09/05/19 06:25	09/10/19 18:25	1
Thallium	ND		0.020	0.010	mg/L		09/05/19 06:25	09/10/19 18:25	1
Vanadium	ND		0.0050	0.0015	mg/L		09/05/19 06:25	09/10/19 18:25	1
Zinc	ND		0.010	0.0015	mg/L		09/05/19 06:25	09/10/19 18:25	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/10/19 11:40	09/10/19 16:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.020**		0.010	0.0050	mg/L		09/08/19 15:09	09/09/19 13:11	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: EQUIP BLANK
Lab Sample ID: 480-158459-17
Date Collected: 08/28/19 11:15
Matrix: Water
Date Received: 08/30/19 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		1.7	0.83	ng/L		09/06/19 10:07	09/09/19 23:51	1
Perfluoropentanoic acid (PFPeA)	ND		1.7	0.52	ng/L		09/06/19 10:07	09/09/19 23:51	1
Perfluorohexanoic acid (PFHxA)	ND		1.7	0.63	ng/L		09/06/19 10:07	09/09/19 23:51	1
Perfluoroheptanoic acid (PFHpA)	ND		1.7	0.76	ng/L		09/06/19 10:07	09/09/19 23:51	1
Perfluorooctanoic acid (PFOA)	ND		1.7	0.67	ng/L		09/06/19 10:07	09/09/19 23:51	1
Perfluorononanoic acid (PFNA)	ND		1.7	0.22	ng/L		09/06/19 10:07	09/09/19 23:51	1
Perfluorodecanoic acid (PFDA)	ND		1.7	0.64	ng/L		09/06/19 10:07	09/09/19 23:51	1
Perfluoroundecanoic acid (PFUnA)	ND		1.7	0.65	ng/L		09/06/19 10:07	09/09/19 23:51	1
Perfluorododecanoic acid (PFDoA)	ND		1.7	0.49	ng/L		09/06/19 10:07	09/09/19 23:51	1
Perfluorotridecanoic acid (PFTriA)	ND		1.7	0.50	ng/L		09/06/19 10:07	09/09/19 23:51	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.7	0.76	ng/L		09/06/19 10:07	09/09/19 23:51	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.7	0.41	ng/L		09/06/19 10:07	09/09/19 23:51	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.7	0.66	ng/L		09/06/19 10:07	09/09/19 23:51	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.7	0.79	ng/L		09/06/19 10:07	09/09/19 23:51	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.7	0.75	ng/L		09/06/19 10:07	09/09/19 23:51	1
Perfluorooctanesulfonic acid (PFOS)	ND	*	1.7	0.51	ng/L		09/06/19 10:07	09/09/19 23:51	1
Perfluorooctanesulfonamide (FOSA)	ND		8.3	8.3	ng/L		09/06/19 10:07	09/09/19 23:51	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		17	1.4	ng/L		09/06/19 10:07	09/09/19 23:51	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND	*	17	1.2	ng/L		09/06/19 10:07	09/09/19 23:51	1
6:2 FTS	ND		17	4.6	ng/L		09/06/19 10:07	09/09/19 23:51	1
8:2 FTS	ND		17	2.4	ng/L		09/06/19 10:07	09/09/19 23:51	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*54*		*25 - 150*	*09/06/19 10:07*	*09/09/19 23:51*	*1*
13C4 PFBA	*103*		*25 - 150*	*09/06/19 10:07*	*09/09/19 23:51*	*1*
13C5-PFPeA DNU	*101*		*25 - 150*	*09/06/19 10:07*	*09/09/19 23:51*	*1*
13C2 PFHxA	*111*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:51*	*1*
13C4 PFHpA	*111*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:51*	*1*
13C4 PFOA	*110*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:51*	*1*
13C5 PFNA	*100*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:51*	*1*
13C2 PFDA	*108*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:51*	*1*
13C2 PFUnA	*102*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:51*	*1*
13C2 PFDoA	*94*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:51*	*1*
13C2 PFTeDA	*84*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:51*	*1*
18O2 PFHxS	*120*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:51*	*1*
13C4 PFOS	*105*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:51*	*1*
d3-NMeFOSAA	*95*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:51*	*1*
d5-NEtFOSAA	*87*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:51*	*1*
M2-6:2 FTS	*117*		*25 - 150*	*09/06/19 10:07*	*09/09/19 23:51*	*1*
M2-8:2 FTS	*103*		*25 - 150*	*09/06/19 10:07*	*09/09/19 23:51*	*1*

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: FIELD BLANK 1
Lab Sample ID: 480-158459-18
Date Collected: 08/27/19 11:00
Matrix: Water
Date Received: 08/30/19 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		1.7	0.84	ng/L		09/06/19 10:07	09/09/19 23:59	1
Perfluoropentanoic acid (PFPeA)	ND		1.7	0.53	ng/L		09/06/19 10:07	09/09/19 23:59	1
Perfluorohexanoic acid (PFHxA)	ND		1.7	0.64	ng/L		09/06/19 10:07	09/09/19 23:59	1
Perfluoroheptanoic acid (PFHpA)	ND		1.7	0.77	ng/L		09/06/19 10:07	09/09/19 23:59	1
Perfluorooctanoic acid (PFOA)	ND		1.7	0.68	ng/L		09/06/19 10:07	09/09/19 23:59	1
Perfluorononanoic acid (PFNA)	ND		1.7	0.23	ng/L		09/06/19 10:07	09/09/19 23:59	1
Perfluorodecanoic acid (PFDA)	ND		1.7	0.65	ng/L		09/06/19 10:07	09/09/19 23:59	1
Perfluoroundecanoic acid (PFUnA)	ND		1.7	0.66	ng/L		09/06/19 10:07	09/09/19 23:59	1
Perfluorododecanoic acid (PFDoA)	ND		1.7	0.50	ng/L		09/06/19 10:07	09/09/19 23:59	1
Perfluorotridecanoic acid (PFTriA)	ND		1.7	0.51	ng/L		09/06/19 10:07	09/09/19 23:59	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.7	0.78	ng/L		09/06/19 10:07	09/09/19 23:59	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.7	0.41	ng/L		09/06/19 10:07	09/09/19 23:59	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.7	0.67	ng/L		09/06/19 10:07	09/09/19 23:59	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.7	0.80	ng/L		09/06/19 10:07	09/09/19 23:59	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.7	0.76	ng/L		09/06/19 10:07	09/09/19 23:59	1
Perfluorooctanesulfonic acid (PFOS)	ND	*	1.7	0.51	ng/L		09/06/19 10:07	09/09/19 23:59	1
Perfluorooctanesulfonamide (FOSA)	ND		8.4	8.4	ng/L		09/06/19 10:07	09/09/19 23:59	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		17	1.4	ng/L		09/06/19 10:07	09/09/19 23:59	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND	*	17	1.3	ng/L		09/06/19 10:07	09/09/19 23:59	1
6:2 FTS	ND		17	4.6	ng/L		09/06/19 10:07	09/09/19 23:59	1
8:2 FTS	ND		17	2.4	ng/L		09/06/19 10:07	09/09/19 23:59	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*56*		*25 - 150*	*09/06/19 10:07*	*09/09/19 23:59*	*1*
13C4 PFBA	*101*		*25 - 150*	*09/06/19 10:07*	*09/09/19 23:59*	*1*
13C5-PFPeA DNU	*96*		*25 - 150*	*09/06/19 10:07*	*09/09/19 23:59*	*1*
13C2 PFHxA	*104*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:59*	*1*
13C4 PFHpA	*107*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:59*	*1*
13C4 PFOA	*105*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:59*	*1*
13C5 PFNA	*95*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:59*	*1*
13C2 PFDA	*107*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:59*	*1*
13C2 PFUnA	*97*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:59*	*1*
13C2 PFDoA	*112*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:59*	*1*
13C2 PFTeDA	*91*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:59*	*1*
18O2 PFHxS	*119*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:59*	*1*
13C4 PFOS	*99*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:59*	*1*
d3-NMeFOSAA	*100*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:59*	*1*
d5-NEtFOSAA	*90*		*50 - 150*	*09/06/19 10:07*	*09/09/19 23:59*	*1*
M2-6:2 FTS	*117*		*25 - 150*	*09/06/19 10:07*	*09/09/19 23:59*	*1*
M2-8:2 FTS	*111*		*25 - 150*	*09/06/19 10:07*	*09/09/19 23:59*	*1*

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-23D
Lab Sample ID: 480-158459-19
Date Collected: 08/28/19 10:20
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/09/19 04:07	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/09/19 04:07	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/09/19 04:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/09/19 04:07	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/09/19 04:07	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/09/19 04:07	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/09/19 04:07	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/09/19 04:07	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/09/19 04:07	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/09/19 04:07	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/09/19 04:07	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/09/19 04:07	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/09/19 04:07	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/09/19 04:07	1
2-Hexanone	ND		5.0	1.2	ug/L			09/09/19 04:07	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/09/19 04:07	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/09/19 04:07	1
Acetone	ND		10	3.0	ug/L			09/09/19 04:07	1
Benzene	ND		1.0	0.41	ug/L			09/09/19 04:07	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/09/19 04:07	1
Bromoform	ND		1.0	0.26	ug/L			09/09/19 04:07	1
Bromomethane	ND		1.0	0.69	ug/L			09/09/19 04:07	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/09/19 04:07	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/09/19 04:07	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/09/19 04:07	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/09/19 04:07	1
Chloroethane	ND		1.0	0.32	ug/L			09/09/19 04:07	1
Chloroform	ND		1.0	0.34	ug/L			09/09/19 04:07	1
Chloromethane	ND		1.0	0.35	ug/L			09/09/19 04:07	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/09/19 04:07	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/09/19 04:07	1
Cyclohexane	ND		1.0	0.18	ug/L			09/09/19 04:07	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/09/19 04:07	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/09/19 04:07	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/09/19 04:07	1
Methyl acetate	ND		2.5	1.3	ug/L			09/09/19 04:07	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/09/19 04:07	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/09/19 04:07	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/09/19 04:07	1
Styrene	ND		1.0	0.73	ug/L			09/09/19 04:07	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/09/19 04:07	1
Toluene	ND		1.0	0.51	ug/L			09/09/19 04:07	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/09/19 04:07	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/09/19 04:07	1
Trichloroethene	ND		1.0	0.46	ug/L			09/09/19 04:07	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/09/19 04:07	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/09/19 04:07	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/09/19 04:07	1
m,p-Xylene	ND		2.0	0.66	ug/L			09/09/19 04:07	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-23D
Lab Sample ID: 480-158459-19
Date Collected: 08/28/19 10:20
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.0	0.76	ug/L			09/09/19 04:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*09/09/19 04:07*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*09/09/19 04:07*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*09/09/19 04:07*	*1*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.80	0.40	ug/L		09/04/19 07:35	09/06/19 20:50	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*67*		*15 - 110*	*09/04/19 07:35*	*09/06/19 20:50*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		09/04/19 15:05	09/06/19 20:44	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/04/19 15:05	09/06/19 20:44	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/04/19 15:05	09/06/19 20:44	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/04/19 15:05	09/06/19 20:44	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/04/19 15:05	09/06/19 20:44	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/04/19 15:05	09/06/19 20:44	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/04/19 15:05	09/06/19 20:44	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/04/19 15:05	09/06/19 20:44	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 20:44	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/04/19 15:05	09/06/19 20:44	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/04/19 15:05	09/06/19 20:44	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/04/19 15:05	09/06/19 20:44	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 20:44	1
2-Nitroaniline	ND		10	0.42	ug/L		09/04/19 15:05	09/06/19 20:44	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/04/19 15:05	09/06/19 20:44	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 20:44	1
3-Nitroaniline	ND		10	0.48	ug/L		09/04/19 15:05	09/06/19 20:44	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/04/19 15:05	09/06/19 20:44	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/04/19 15:05	09/06/19 20:44	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/04/19 15:05	09/06/19 20:44	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/04/19 15:05	09/06/19 20:44	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/04/19 15:05	09/06/19 20:44	1
4-Methylphenol	ND		10	0.36	ug/L		09/04/19 15:05	09/06/19 20:44	1
4-Nitroaniline	ND		10	0.25	ug/L		09/04/19 15:05	09/06/19 20:44	1
4-Nitrophenol	ND		10	1.5	ug/L		09/04/19 15:05	09/06/19 20:44	1
Acenaphthene	ND		5.0	0.41	ug/L		09/04/19 15:05	09/06/19 20:44	1
Acenaphthylene	ND		5.0	0.38	ug/L		09/04/19 15:05	09/06/19 20:44	1
Acetophenone	ND		5.0	0.54	ug/L		09/04/19 15:05	09/06/19 20:44	1
Anthracene	ND		5.0	0.28	ug/L		09/04/19 15:05	09/06/19 20:44	1
Atrazine	ND		5.0	0.46	ug/L		09/04/19 15:05	09/06/19 20:44	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/04/19 15:05	09/06/19 20:44	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		09/04/19 15:05	09/06/19 20:44	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		09/04/19 15:05	09/06/19 20:44	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		09/04/19 15:05	09/06/19 20:44	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		09/04/19 15:05	09/06/19 20:44	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-23D
Lab Sample ID: 480-158459-19
Date Collected: 08/28/19 10:20
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		09/04/19 15:05	09/06/19 20:44	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/04/19 15:05	09/06/19 20:44	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 20:44	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/04/19 15:05	09/06/19 20:44	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/04/19 15:05	09/06/19 20:44	1
Caprolactam	ND		5.0	2.2	ug/L		09/04/19 15:05	09/06/19 20:44	1
Carbazole	ND		5.0	0.30	ug/L		09/04/19 15:05	09/06/19 20:44	1
Chrysene	ND		5.0	0.33	ug/L		09/04/19 15:05	09/06/19 20:44	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		09/04/19 15:05	09/06/19 20:44	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/04/19 15:05	09/06/19 20:44	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/04/19 15:05	09/06/19 20:44	1
Dibenzofuran	ND		10	0.51	ug/L		09/04/19 15:05	09/06/19 20:44	1
Diethyl phthalate	ND		5.0	0.22	ug/L		09/04/19 15:05	09/06/19 20:44	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/04/19 15:05	09/06/19 20:44	1
Fluoranthene	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 20:44	1
Fluorene	ND		5.0	0.36	ug/L		09/04/19 15:05	09/06/19 20:44	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/04/19 15:05	09/06/19 20:44	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/04/19 15:05	09/06/19 20:44	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/04/19 15:05	09/06/19 20:44	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/04/19 15:05	09/06/19 20:44	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		09/04/19 15:05	09/06/19 20:44	1
Isophorone	ND		5.0	0.43	ug/L		09/04/19 15:05	09/06/19 20:44	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/04/19 15:05	09/06/19 20:44	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/04/19 15:05	09/06/19 20:44	1
Naphthalene	ND		5.0	0.76	ug/L		09/04/19 15:05	09/06/19 20:44	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/04/19 15:05	09/06/19 20:44	1
Pentachlorophenol	ND		10	2.2	ug/L		09/04/19 15:05	09/06/19 20:44	1
Phenanthrene	ND		5.0	0.44	ug/L		09/04/19 15:05	09/06/19 20:44	1
Phenol	ND		5.0	0.39	ug/L		09/04/19 15:05	09/06/19 20:44	1
Pyrene	ND		5.0	0.34	ug/L		09/04/19 15:05	09/06/19 20:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*85*		*41 - 120*	*09/04/19 15:05*	*09/06/19 20:44*	*1*
2-Fluorobiphenyl	*89*		*48 - 120*	*09/04/19 15:05*	*09/06/19 20:44*	*1*
2-Fluorophenol	*57*		*35 - 120*	*09/04/19 15:05*	*09/06/19 20:44*	*1*
Nitrobenzene-d5	*73*		*46 - 120*	*09/04/19 15:05*	*09/06/19 20:44*	*1*
p-Terphenyl-d14	*70*		*60 - 148*	*09/04/19 15:05*	*09/06/19 20:44*	*1*
Phenol-d5	*41*		*22 - 120*	*09/04/19 15:05*	*09/06/19 20:44*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		09/04/19 07:51	09/05/19 17:30	1
4,4'-DDE	ND		0.050	0.012	ug/L		09/04/19 07:51	09/05/19 17:30	1
4,4'-DDT	ND	*	0.050	0.011	ug/L		09/04/19 07:51	09/05/19 17:30	1
Aldrin	ND		0.050	0.0081	ug/L		09/04/19 07:51	09/05/19 17:30	1
alpha-BHC	**0.010**	**J**	0.050	0.0077	ug/L		09/04/19 07:51	09/05/19 17:30	1
cis-Chlordane	ND		0.050	0.015	ug/L		09/04/19 07:51	09/05/19 17:30	1
beta-BHC	ND		0.050	0.025	ug/L		09/04/19 07:51	09/05/19 17:30	1
delta-BHC	**0.013**	**J B**	0.050	0.010	ug/L		09/04/19 07:51	09/05/19 17:30	1
Dieldrin	ND		0.050	0.0098	ug/L		09/04/19 07:51	09/05/19 17:30	1

Client Sample ID: MW-23D
Lab Sample ID: 480-158459-19
Date Collected: 08/28/19 10:20
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	ND		0.050	0.011	ug/L		09/04/19 07:51	09/05/19 17:30	1
Endosulfan II	ND		0.050	0.012	ug/L		09/04/19 07:51	09/05/19 17:30	1
Endosulfan sulfate	ND	*	0.050	0.016	ug/L		09/04/19 07:51	09/05/19 17:30	1
Endrin	ND		0.050	0.014	ug/L		09/04/19 07:51	09/05/19 17:30	1
Endrin aldehyde	ND		0.050	0.016	ug/L		09/04/19 07:51	09/05/19 17:30	1
Endrin ketone	ND		0.050	0.012	ug/L		09/04/19 07:51	09/05/19 17:30	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		09/04/19 07:51	09/05/19 17:30	1
trans-Chlordane	ND		0.050	0.011	ug/L		09/04/19 07:51	09/05/19 17:30	1
Heptachlor	ND		0.050	0.0085	ug/L		09/04/19 07:51	09/05/19 17:30	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		09/04/19 07:51	09/05/19 17:30	1
Methoxychlor	ND		0.050	0.014	ug/L		09/04/19 07:51	09/05/19 17:30	1
Toxaphene	ND		0.50	0.12	ug/L		09/04/19 07:51	09/05/19 17:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*62*		*20 - 120*	*09/04/19 07:51*	*09/05/19 17:30*	*1*
Tetrachloro-m-xylene	*99*		*44 - 120*	*09/04/19 07:51*	*09/05/19 17:30*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 01:33	1
PCB-1221	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 01:33	1
PCB-1232	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 01:33	1
PCB-1242	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 01:33	1
PCB-1248	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 01:33	1
PCB-1254	ND		0.50	0.25	ug/L		09/09/19 08:22	09/11/19 01:33	1
PCB-1260	ND		0.50	0.25	ug/L		09/09/19 08:22	09/11/19 01:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*45*		*19 - 120*	*09/09/19 08:22*	*09/11/19 01:33*	*1*
Tetrachloro-m-xylene	*85*		*39 - 121*	*09/09/19 08:22*	*09/11/19 01:33*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/05/19 06:25	09/10/19 18:29	1
Antimony	ND		0.020	0.0068	mg/L		09/05/19 06:25	09/10/19 18:29	1
Arsenic	ND		0.015	0.0056	mg/L		09/05/19 06:25	09/10/19 18:29	1
Barium	**0.13**		0.0020	0.00070	mg/L		09/05/19 06:25	09/10/19 18:29	1
Beryllium	ND		0.0020	0.00030	mg/L		09/05/19 06:25	09/10/19 18:29	1
Cadmium	ND		0.0020	0.00050	mg/L		09/05/19 06:25	09/10/19 18:29	1
Calcium	**142**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 18:29	1
Chromium	ND		0.0040	0.0010	mg/L		09/05/19 06:25	09/10/19 18:29	1
Cobalt	ND		0.0040	0.00063	mg/L		09/05/19 06:25	09/10/19 18:29	1
Copper	ND		0.010	0.0016	mg/L		09/05/19 06:25	09/10/19 18:29	1
Iron	**1.7**		0.050	0.019	mg/L		09/05/19 06:25	09/10/19 18:29	1
Lead	ND		0.010	0.0030	mg/L		09/05/19 06:25	09/10/19 18:29	1
Magnesium	**23.8**		0.20	0.043	mg/L		09/05/19 06:25	09/10/19 18:29	1
Manganese	**0.18**		0.0030	0.00040	mg/L		09/05/19 06:25	09/10/19 18:29	1
Nickel	ND		0.010	0.0013	mg/L		09/05/19 06:25	09/10/19 18:29	1
Potassium	**2.6**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 18:29	1
Selenium	ND		0.025	0.0087	mg/L		09/05/19 06:25	09/10/19 18:29	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-23D
Lab Sample ID: 480-158459-19
Date Collected: 08/28/19 10:20
Matrix: Water
Date Received: 08/30/19 08:00

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		09/05/19 06:25	09/10/19 18:29	1
Sodium	**85.9**		1.0	0.32	mg/L		09/05/19 06:25	09/10/19 18:29	1
Thallium	ND		0.020	0.010	mg/L		09/05/19 06:25	09/10/19 18:29	1
Vanadium	ND		0.0050	0.0015	mg/L		09/05/19 06:25	09/10/19 18:29	1
Zinc	**0.0020**	**J B**	0.010	0.0015	mg/L		09/05/19 06:25	09/10/19 18:29	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/10/19 11:40	09/10/19 17:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		09/08/19 15:09	09/09/19 13:22	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: FIELD BLANK 2
Lab Sample ID: 480-158459-20
Date Collected: 08/28/19 11:30
Matrix: Water
Date Received: 08/30/19 08:00

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		1.7	0.86	ng/L		09/06/19 10:07	09/10/19 00:07	1
Perfluoropentanoic acid (PFPeA)	ND		1.7	0.54	ng/L		09/06/19 10:07	09/10/19 00:07	1
Perfluorohexanoic acid (PFHxA)	ND		1.7	0.65	ng/L		09/06/19 10:07	09/10/19 00:07	1
Perfluoroheptanoic acid (PFHpA)	ND		1.7	0.78	ng/L		09/06/19 10:07	09/10/19 00:07	1
Perfluorooctanoic acid (PFOA)	ND		1.7	0.70	ng/L		09/06/19 10:07	09/10/19 00:07	1
Perfluorononanoic acid (PFNA)	ND		1.7	0.23	ng/L		09/06/19 10:07	09/10/19 00:07	1
Perfluorodecanoic acid (PFDA)	ND		1.7	0.66	ng/L		09/06/19 10:07	09/10/19 00:07	1
Perfluoroundecanoic acid (PFUnA)	ND		1.7	0.67	ng/L		09/06/19 10:07	09/10/19 00:07	1
Perfluorododecanoic acid (PFDoA)	ND		1.7	0.51	ng/L		09/06/19 10:07	09/10/19 00:07	1
Perfluorotridecanoic acid (PFTriA)	ND		1.7	0.52	ng/L		09/06/19 10:07	09/10/19 00:07	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.7	0.79	ng/L		09/06/19 10:07	09/10/19 00:07	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.7	0.42	ng/L		09/06/19 10:07	09/10/19 00:07	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.7	0.69	ng/L		09/06/19 10:07	09/10/19 00:07	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.7	0.82	ng/L		09/06/19 10:07	09/10/19 00:07	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.7	0.77	ng/L		09/06/19 10:07	09/10/19 00:07	1
Perfluorooctanesulfonic acid (PFOS)	ND	*	1.7	0.52	ng/L		09/06/19 10:07	09/10/19 00:07	1
Perfluorooctanesulfonamide (FOSA)	ND		8.6	8.6	ng/L		09/06/19 10:07	09/10/19 00:07	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		17	1.5	ng/L		09/06/19 10:07	09/10/19 00:07	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND	*	17	1.3	ng/L		09/06/19 10:07	09/10/19 00:07	1
6:2 FTS	ND		17	4.7	ng/L		09/06/19 10:07	09/10/19 00:07	1
8:2 FTS	ND		17	2.5	ng/L		09/06/19 10:07	09/10/19 00:07	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*54*		*25 - 150*	*09/06/19 10:07*	*09/10/19 00:07*	*1*
13C4 PFBA	*108*		*25 - 150*	*09/06/19 10:07*	*09/10/19 00:07*	*1*
13C5-PFPeA DNU	*107*		*25 - 150*	*09/06/19 10:07*	*09/10/19 00:07*	*1*
13C2 PFHxA	*117*		*50 - 150*	*09/06/19 10:07*	*09/10/19 00:07*	*1*
13C4 PFHpA	*119*		*50 - 150*	*09/06/19 10:07*	*09/10/19 00:07*	*1*
13C4 PFOA	*118*		*50 - 150*	*09/06/19 10:07*	*09/10/19 00:07*	*1*
13C5 PFNA	*105*		*50 - 150*	*09/06/19 10:07*	*09/10/19 00:07*	*1*
13C2 PFDA	*116*		*50 - 150*	*09/06/19 10:07*	*09/10/19 00:07*	*1*
13C2 PFUnA	*100*		*50 - 150*	*09/06/19 10:07*	*09/10/19 00:07*	*1*
13C2 PFDoA	*99*		*50 - 150*	*09/06/19 10:07*	*09/10/19 00:07*	*1*
13C2 PFTeDA	*91*		*50 - 150*	*09/06/19 10:07*	*09/10/19 00:07*	*1*
18O2 PFHxS	*126*		*50 - 150*	*09/06/19 10:07*	*09/10/19 00:07*	*1*
13C4 PFOS	*115*		*50 - 150*	*09/06/19 10:07*	*09/10/19 00:07*	*1*
d3-NMeFOSAA	*95*		*50 - 150*	*09/06/19 10:07*	*09/10/19 00:07*	*1*
d5-NEtFOSAA	*89*		*50 - 150*	*09/06/19 10:07*	*09/10/19 00:07*	*1*
M2-6:2 FTS	*122*		*25 - 150*	*09/06/19 10:07*	*09/10/19 00:07*	*1*
M2-8:2 FTS	*118*		*25 - 150*	*09/06/19 10:07*	*09/10/19 00:07*	*1*

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-16D
Lab Sample ID: 480-158459-21
Date Collected: 08/28/19 12:10
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/09/19 04:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/09/19 04:31	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/09/19 04:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/09/19 04:31	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/09/19 04:31	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/09/19 04:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/09/19 04:31	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/09/19 04:31	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/09/19 04:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/09/19 04:31	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/09/19 04:31	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/09/19 04:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/09/19 04:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/09/19 04:31	1
2-Hexanone	ND		5.0	1.2	ug/L			09/09/19 04:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/09/19 04:31	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/09/19 04:31	1
Acetone	ND		10	3.0	ug/L			09/09/19 04:31	1
Benzene	ND		1.0	0.41	ug/L			09/09/19 04:31	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/09/19 04:31	1
Bromoform	ND		1.0	0.26	ug/L			09/09/19 04:31	1
Bromomethane	ND		1.0	0.69	ug/L			09/09/19 04:31	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/09/19 04:31	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/09/19 04:31	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/09/19 04:31	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/09/19 04:31	1
Chloroethane	ND		1.0	0.32	ug/L			09/09/19 04:31	1
Chloroform	ND		1.0	0.34	ug/L			09/09/19 04:31	1
Chloromethane	ND		1.0	0.35	ug/L			09/09/19 04:31	1
cis-1,2-Dichloroethene	**5.0**		1.0	0.81	ug/L			09/09/19 04:31	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/09/19 04:31	1
Cyclohexane	ND		1.0	0.18	ug/L			09/09/19 04:31	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/09/19 04:31	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/09/19 04:31	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/09/19 04:31	1
Methyl acetate	ND		2.5	1.3	ug/L			09/09/19 04:31	1
Methyl tert-butyl ether	**1.0**		1.0	0.16	ug/L			09/09/19 04:31	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/09/19 04:31	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/09/19 04:31	1
Styrene	ND		1.0	0.73	ug/L			09/09/19 04:31	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/09/19 04:31	1
Toluene	ND		1.0	0.51	ug/L			09/09/19 04:31	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/09/19 04:31	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/09/19 04:31	1
Trichloroethene	ND		1.0	0.46	ug/L			09/09/19 04:31	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/09/19 04:31	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/09/19 04:31	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/09/19 04:31	1
m,p-Xylene	ND		2.0	0.66	ug/L			09/09/19 04:31	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-16D
Lab Sample ID: 480-158459-21
Date Collected: 08/28/19 12:10
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.0	0.76	ug/L			09/09/19 04:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*		*09/09/19 04:31*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*09/09/19 04:31*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*09/09/19 04:31*	*1*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.58**	**J**	0.80	0.40	ug/L		09/04/19 07:35	09/06/19 21:13	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*58*		*15 - 110*	*09/04/19 07:35*	*09/06/19 21:13*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		09/04/19 15:05	09/06/19 21:11	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/04/19 15:05	09/06/19 21:11	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/04/19 15:05	09/06/19 21:11	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/04/19 15:05	09/06/19 21:11	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/04/19 15:05	09/06/19 21:11	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/04/19 15:05	09/06/19 21:11	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/04/19 15:05	09/06/19 21:11	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/04/19 15:05	09/06/19 21:11	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 21:11	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/04/19 15:05	09/06/19 21:11	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/04/19 15:05	09/06/19 21:11	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/04/19 15:05	09/06/19 21:11	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 21:11	1
2-Nitroaniline	ND		10	0.42	ug/L		09/04/19 15:05	09/06/19 21:11	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/04/19 15:05	09/06/19 21:11	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 21:11	1
3-Nitroaniline	ND		10	0.48	ug/L		09/04/19 15:05	09/06/19 21:11	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/04/19 15:05	09/06/19 21:11	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/04/19 15:05	09/06/19 21:11	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/04/19 15:05	09/06/19 21:11	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/04/19 15:05	09/06/19 21:11	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/04/19 15:05	09/06/19 21:11	1
4-Methylphenol	ND		10	0.36	ug/L		09/04/19 15:05	09/06/19 21:11	1
4-Nitroaniline	ND		10	0.25	ug/L		09/04/19 15:05	09/06/19 21:11	1
4-Nitrophenol	ND		10	1.5	ug/L		09/04/19 15:05	09/06/19 21:11	1
Acenaphthene	ND		5.0	0.41	ug/L		09/04/19 15:05	09/06/19 21:11	1
Acenaphthylene	ND		5.0	0.38	ug/L		09/04/19 15:05	09/06/19 21:11	1
Acetophenone	ND		5.0	0.54	ug/L		09/04/19 15:05	09/06/19 21:11	1
Anthracene	ND		5.0	0.28	ug/L		09/04/19 15:05	09/06/19 21:11	1
Atrazine	ND		5.0	0.46	ug/L		09/04/19 15:05	09/06/19 21:11	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/04/19 15:05	09/06/19 21:11	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		09/04/19 15:05	09/06/19 21:11	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		09/04/19 15:05	09/06/19 21:11	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		09/04/19 15:05	09/06/19 21:11	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		09/04/19 15:05	09/06/19 21:11	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-16D
Lab Sample ID: 480-158459-21
Date Collected: 08/28/19 12:10
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		09/04/19 15:05	09/06/19 21:11	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/04/19 15:05	09/06/19 21:11	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 21:11	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/04/19 15:05	09/06/19 21:11	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/04/19 15:05	09/06/19 21:11	1
Caprolactam	ND		5.0	2.2	ug/L		09/04/19 15:05	09/06/19 21:11	1
Carbazole	ND		5.0	0.30	ug/L		09/04/19 15:05	09/06/19 21:11	1
Chrysene	ND		5.0	0.33	ug/L		09/04/19 15:05	09/06/19 21:11	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		09/04/19 15:05	09/06/19 21:11	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/04/19 15:05	09/06/19 21:11	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/04/19 15:05	09/06/19 21:11	1
Dibenzofuran	ND		10	0.51	ug/L		09/04/19 15:05	09/06/19 21:11	1
Diethyl phthalate	ND		5.0	0.22	ug/L		09/04/19 15:05	09/06/19 21:11	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/04/19 15:05	09/06/19 21:11	1
Fluoranthene	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 21:11	1
Fluorene	ND		5.0	0.36	ug/L		09/04/19 15:05	09/06/19 21:11	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/04/19 15:05	09/06/19 21:11	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/04/19 15:05	09/06/19 21:11	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/04/19 15:05	09/06/19 21:11	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/04/19 15:05	09/06/19 21:11	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		09/04/19 15:05	09/06/19 21:11	1
Isophorone	ND		5.0	0.43	ug/L		09/04/19 15:05	09/06/19 21:11	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/04/19 15:05	09/06/19 21:11	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/04/19 15:05	09/06/19 21:11	1
Naphthalene	ND		5.0	0.76	ug/L		09/04/19 15:05	09/06/19 21:11	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/04/19 15:05	09/06/19 21:11	1
Pentachlorophenol	ND		10	2.2	ug/L		09/04/19 15:05	09/06/19 21:11	1
Phenanthrene	ND		5.0	0.44	ug/L		09/04/19 15:05	09/06/19 21:11	1
Phenol	ND		5.0	0.39	ug/L		09/04/19 15:05	09/06/19 21:11	1
Pyrene	ND		5.0	0.34	ug/L		09/04/19 15:05	09/06/19 21:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*79*		*41 - 120*	*09/04/19 15:05*	*09/06/19 21:11*	*1*
2-Fluorobiphenyl	*90*		*48 - 120*	*09/04/19 15:05*	*09/06/19 21:11*	*1*
2-Fluorophenol	*56*		*35 - 120*	*09/04/19 15:05*	*09/06/19 21:11*	*1*
Nitrobenzene-d5	*71*		*46 - 120*	*09/04/19 15:05*	*09/06/19 21:11*	*1*
p-Terphenyl-d14	*63*		*60 - 148*	*09/04/19 15:05*	*09/06/19 21:11*	*1*
Phenol-d5	*38*		*22 - 120*	*09/04/19 15:05*	*09/06/19 21:11*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		09/04/19 07:51	09/05/19 17:49	1
4,4'-DDE	ND		0.050	0.012	ug/L		09/04/19 07:51	09/05/19 17:49	1
4,4'-DDT	ND	*	0.050	0.011	ug/L		09/04/19 07:51	09/05/19 17:49	1
Aldrin	ND		0.050	0.0081	ug/L		09/04/19 07:51	09/05/19 17:49	1
alpha-BHC	**0.0094**	**J**	0.050	0.0077	ug/L		09/04/19 07:51	09/05/19 17:49	1
cis-Chlordane	ND		0.050	0.015	ug/L		09/04/19 07:51	09/05/19 17:49	1
beta-BHC	ND		0.050	0.025	ug/L		09/04/19 07:51	09/05/19 17:49	1
delta-BHC	**0.013**	**J B**	0.050	0.010	ug/L		09/04/19 07:51	09/05/19 17:49	1
Dieldrin	ND		0.050	0.0098	ug/L		09/04/19 07:51	09/05/19 17:49	1

Client Sample ID: MW-16D
Lab Sample ID: 480-158459-21
Date Collected: 08/28/19 12:10
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	ND		0.050	0.011	ug/L		09/04/19 07:51	09/05/19 17:49	1
Endosulfan II	ND		0.050	0.012	ug/L		09/04/19 07:51	09/05/19 17:49	1
Endosulfan sulfate	ND	*	0.050	0.016	ug/L		09/04/19 07:51	09/05/19 17:49	1
Endrin	ND		0.050	0.014	ug/L		09/04/19 07:51	09/05/19 17:49	1
Endrin aldehyde	ND		0.050	0.016	ug/L		09/04/19 07:51	09/05/19 17:49	1
Endrin ketone	ND		0.050	0.012	ug/L		09/04/19 07:51	09/05/19 17:49	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		09/04/19 07:51	09/05/19 17:49	1
trans-Chlordane	**0.025**	**J**	0.050	0.011	ug/L		09/04/19 07:51	09/05/19 17:49	1
Heptachlor	ND		0.050	0.0085	ug/L		09/04/19 07:51	09/05/19 17:49	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		09/04/19 07:51	09/05/19 17:49	1
Methoxychlor	ND		0.050	0.014	ug/L		09/04/19 07:51	09/05/19 17:49	1
Toxaphene	ND		0.50	0.12	ug/L		09/04/19 07:51	09/05/19 17:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*31*		*20 - 120*	*09/04/19 07:51*	*09/05/19 17:49*	*1*
Tetrachloro-m-xylene	*75*		*44 - 120*	*09/04/19 07:51*	*09/05/19 17:49*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 01:46	1
PCB-1221	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 01:46	1
PCB-1232	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 01:46	1
PCB-1242	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 01:46	1
PCB-1248	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 01:46	1
PCB-1254	ND		0.50	0.25	ug/L		09/09/19 08:22	09/11/19 01:46	1
PCB-1260	ND		0.50	0.25	ug/L		09/09/19 08:22	09/11/19 01:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*23*		*19 - 120*	*09/09/19 08:22*	*09/11/19 01:46*	*1*
Tetrachloro-m-xylene	*79*		*39 - 121*	*09/09/19 08:22*	*09/11/19 01:46*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/05/19 06:25	09/10/19 18:33	1
Antimony	ND		0.020	0.0068	mg/L		09/05/19 06:25	09/10/19 18:33	1
Arsenic	ND		0.015	0.0056	mg/L		09/05/19 06:25	09/10/19 18:33	1
Barium	**0.066**		0.0020	0.00070	mg/L		09/05/19 06:25	09/10/19 18:33	1
Beryllium	ND		0.0020	0.00030	mg/L		09/05/19 06:25	09/10/19 18:33	1
Cadmium	ND		0.0020	0.00050	mg/L		09/05/19 06:25	09/10/19 18:33	1
Calcium	**130**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 18:33	1
Chromium	ND		0.0040	0.0010	mg/L		09/05/19 06:25	09/10/19 18:33	1
Cobalt	**0.0014**	**J**	0.0040	0.00063	mg/L		09/05/19 06:25	09/10/19 18:33	1
Copper	ND		0.010	0.0016	mg/L		09/05/19 06:25	09/10/19 18:33	1
Iron	**1.5**		0.050	0.019	mg/L		09/05/19 06:25	09/10/19 18:33	1
Lead	ND		0.010	0.0030	mg/L		09/05/19 06:25	09/10/19 18:33	1
Magnesium	**21.1**		0.20	0.043	mg/L		09/05/19 06:25	09/10/19 18:33	1
Manganese	**1.2**		0.0030	0.00040	mg/L		09/05/19 06:25	09/10/19 18:33	1
Nickel	**0.0031**	**J**	0.010	0.0013	mg/L		09/05/19 06:25	09/10/19 18:33	1
Potassium	**2.6**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 18:33	1
Selenium	ND		0.025	0.0087	mg/L		09/05/19 06:25	09/10/19 18:33	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-16D
Lab Sample ID: 480-158459-21
Date Collected: 08/28/19 12:10
Matrix: Water
Date Received: 08/30/19 08:00

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		09/05/19 06:25	09/10/19 18:33	1
Sodium	**120**		1.0	0.32	mg/L		09/05/19 06:25	09/10/19 18:33	1
Thallium	ND		0.020	0.010	mg/L		09/05/19 06:25	09/10/19 18:33	1
Vanadium	ND		0.0050	0.0015	mg/L		09/05/19 06:25	09/10/19 18:33	1
Zinc	**0.0048**	**J B**	0.010	0.0015	mg/L		09/05/19 06:25	09/10/19 18:33	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/10/19 11:40	09/10/19 17:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.0058**	**J**	0.010	0.0050	mg/L		09/08/19 16:20	09/09/19 15:31	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-21
Lab Sample ID: 480-158459-22
Date Collected: 08/28/19 13:20
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/09/19 04:55	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/09/19 04:55	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/09/19 04:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/09/19 04:55	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/09/19 04:55	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/09/19 04:55	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/09/19 04:55	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/09/19 04:55	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/09/19 04:55	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/09/19 04:55	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/09/19 04:55	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/09/19 04:55	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/09/19 04:55	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/09/19 04:55	1
2-Hexanone	ND		5.0	1.2	ug/L			09/09/19 04:55	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/09/19 04:55	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/09/19 04:55	1
Acetone	ND		10	3.0	ug/L			09/09/19 04:55	1
Benzene	ND		1.0	0.41	ug/L			09/09/19 04:55	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/09/19 04:55	1
Bromoform	ND		1.0	0.26	ug/L			09/09/19 04:55	1
Bromomethane	ND		1.0	0.69	ug/L			09/09/19 04:55	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/09/19 04:55	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/09/19 04:55	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/09/19 04:55	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/09/19 04:55	1
Chloroethane	ND		1.0	0.32	ug/L			09/09/19 04:55	1
Chloroform	ND		1.0	0.34	ug/L			09/09/19 04:55	1
Chloromethane	ND		1.0	0.35	ug/L			09/09/19 04:55	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/09/19 04:55	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/09/19 04:55	1
Cyclohexane	ND		1.0	0.18	ug/L			09/09/19 04:55	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/09/19 04:55	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/09/19 04:55	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/09/19 04:55	1
Methyl acetate	ND		2.5	1.3	ug/L			09/09/19 04:55	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/09/19 04:55	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/09/19 04:55	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/09/19 04:55	1
Styrene	ND		1.0	0.73	ug/L			09/09/19 04:55	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/09/19 04:55	1
Toluene	ND		1.0	0.51	ug/L			09/09/19 04:55	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/09/19 04:55	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/09/19 04:55	1
Trichloroethene	ND		1.0	0.46	ug/L			09/09/19 04:55	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/09/19 04:55	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/09/19 04:55	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/09/19 04:55	1
m,p-Xylene	ND		2.0	0.66	ug/L			09/09/19 04:55	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-21
Lab Sample ID: 480-158459-22
Date Collected: 08/28/19 13:20
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.0	0.76	ug/L			09/09/19 04:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*09/09/19 04:55*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*09/09/19 04:55*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*09/09/19 04:55*	*1*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.80	0.40	ug/L		09/04/19 07:35	09/06/19 21:37	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*64*		*15 - 110*	*09/04/19 07:35*	*09/06/19 21:37*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		09/04/19 15:05	09/06/19 21:39	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/04/19 15:05	09/06/19 21:39	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/04/19 15:05	09/06/19 21:39	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/04/19 15:05	09/06/19 21:39	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/04/19 15:05	09/06/19 21:39	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/04/19 15:05	09/06/19 21:39	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/04/19 15:05	09/06/19 21:39	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/04/19 15:05	09/06/19 21:39	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 21:39	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/04/19 15:05	09/06/19 21:39	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/04/19 15:05	09/06/19 21:39	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/04/19 15:05	09/06/19 21:39	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 21:39	1
2-Nitroaniline	ND		10	0.42	ug/L		09/04/19 15:05	09/06/19 21:39	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/04/19 15:05	09/06/19 21:39	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 21:39	1
3-Nitroaniline	ND		10	0.48	ug/L		09/04/19 15:05	09/06/19 21:39	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/04/19 15:05	09/06/19 21:39	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/04/19 15:05	09/06/19 21:39	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/04/19 15:05	09/06/19 21:39	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/04/19 15:05	09/06/19 21:39	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/04/19 15:05	09/06/19 21:39	1
4-Methylphenol	ND		10	0.36	ug/L		09/04/19 15:05	09/06/19 21:39	1
4-Nitroaniline	ND		10	0.25	ug/L		09/04/19 15:05	09/06/19 21:39	1
4-Nitrophenol	ND		10	1.5	ug/L		09/04/19 15:05	09/06/19 21:39	1
Acenaphthene	ND		5.0	0.41	ug/L		09/04/19 15:05	09/06/19 21:39	1
Acenaphthylene	ND		5.0	0.38	ug/L		09/04/19 15:05	09/06/19 21:39	1
Acetophenone	ND		5.0	0.54	ug/L		09/04/19 15:05	09/06/19 21:39	1
Anthracene	ND		5.0	0.28	ug/L		09/04/19 15:05	09/06/19 21:39	1
Atrazine	ND		5.0	0.46	ug/L		09/04/19 15:05	09/06/19 21:39	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/04/19 15:05	09/06/19 21:39	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		09/04/19 15:05	09/06/19 21:39	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		09/04/19 15:05	09/06/19 21:39	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		09/04/19 15:05	09/06/19 21:39	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		09/04/19 15:05	09/06/19 21:39	1

Client Sample ID: MW-21
Lab Sample ID: 480-158459-22
Date Collected: 08/28/19 13:20
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		09/04/19 15:05	09/06/19 21:39	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/04/19 15:05	09/06/19 21:39	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 21:39	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/04/19 15:05	09/06/19 21:39	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/04/19 15:05	09/06/19 21:39	1
Caprolactam	ND		5.0	2.2	ug/L		09/04/19 15:05	09/06/19 21:39	1
Carbazole	ND		5.0	0.30	ug/L		09/04/19 15:05	09/06/19 21:39	1
Chrysene	ND		5.0	0.33	ug/L		09/04/19 15:05	09/06/19 21:39	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		09/04/19 15:05	09/06/19 21:39	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/04/19 15:05	09/06/19 21:39	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/04/19 15:05	09/06/19 21:39	1
Dibenzofuran	ND		10	0.51	ug/L		09/04/19 15:05	09/06/19 21:39	1
Diethyl phthalate	ND		5.0	0.22	ug/L		09/04/19 15:05	09/06/19 21:39	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/04/19 15:05	09/06/19 21:39	1
Fluoranthene	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 21:39	1
Fluorene	ND		5.0	0.36	ug/L		09/04/19 15:05	09/06/19 21:39	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/04/19 15:05	09/06/19 21:39	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/04/19 15:05	09/06/19 21:39	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/04/19 15:05	09/06/19 21:39	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/04/19 15:05	09/06/19 21:39	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		09/04/19 15:05	09/06/19 21:39	1
Isophorone	ND		5.0	0.43	ug/L		09/04/19 15:05	09/06/19 21:39	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/04/19 15:05	09/06/19 21:39	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/04/19 15:05	09/06/19 21:39	1
Naphthalene	ND		5.0	0.76	ug/L		09/04/19 15:05	09/06/19 21:39	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/04/19 15:05	09/06/19 21:39	1
Pentachlorophenol	ND		10	2.2	ug/L		09/04/19 15:05	09/06/19 21:39	1
Phenanthrene	ND		5.0	0.44	ug/L		09/04/19 15:05	09/06/19 21:39	1
Phenol	ND		5.0	0.39	ug/L		09/04/19 15:05	09/06/19 21:39	1
Pyrene	ND		5.0	0.34	ug/L		09/04/19 15:05	09/06/19 21:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*96*		*41 - 120*	*09/04/19 15:05*	*09/06/19 21:39*	*1*
2-Fluorobiphenyl	*96*		*48 - 120*	*09/04/19 15:05*	*09/06/19 21:39*	*1*
2-Fluorophenol	*60*		*35 - 120*	*09/04/19 15:05*	*09/06/19 21:39*	*1*
Nitrobenzene-d5	*74*		*46 - 120*	*09/04/19 15:05*	*09/06/19 21:39*	*1*
p-Terphenyl-d14	*75*		*60 - 148*	*09/04/19 15:05*	*09/06/19 21:39*	*1*
Phenol-d5	*42*		*22 - 120*	*09/04/19 15:05*	*09/06/19 21:39*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		09/04/19 07:51	09/05/19 18:08	1
4,4'-DDE	ND		0.050	0.012	ug/L		09/04/19 07:51	09/05/19 18:08	1
4,4'-DDT	ND	*	0.050	0.011	ug/L		09/04/19 07:51	09/05/19 18:08	1
Aldrin	ND		0.050	0.0081	ug/L		09/04/19 07:51	09/05/19 18:08	1
alpha-BHC	**0.011**	**J**	0.050	0.0077	ug/L		09/04/19 07:51	09/05/19 18:08	1
cis-Chlordane	ND		0.050	0.015	ug/L		09/04/19 07:51	09/05/19 18:08	1
beta-BHC	ND		0.050	0.025	ug/L		09/04/19 07:51	09/05/19 18:08	1
delta-BHC	ND		0.050	0.010	ug/L		09/04/19 07:51	09/05/19 18:08	1
Dieldrin	ND		0.050	0.0098	ug/L		09/04/19 07:51	09/05/19 18:08	1

Client Sample ID: MW-21
Lab Sample ID: 480-158459-22
Date Collected: 08/28/19 13:20
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	ND		0.050	0.011	ug/L		09/04/19 07:51	09/05/19 18:08	1
Endosulfan II	ND		0.050	0.012	ug/L		09/04/19 07:51	09/05/19 18:08	1
Endosulfan sulfate	ND	*	0.050	0.016	ug/L		09/04/19 07:51	09/05/19 18:08	1
Endrin	ND		0.050	0.014	ug/L		09/04/19 07:51	09/05/19 18:08	1
Endrin aldehyde	ND		0.050	0.016	ug/L		09/04/19 07:51	09/05/19 18:08	1
Endrin ketone	ND		0.050	0.012	ug/L		09/04/19 07:51	09/05/19 18:08	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		09/04/19 07:51	09/05/19 18:08	1
trans-Chlordane	**0.019**	**J**	0.050	0.011	ug/L		09/04/19 07:51	09/05/19 18:08	1
Heptachlor	ND		0.050	0.0085	ug/L		09/04/19 07:51	09/05/19 18:08	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		09/04/19 07:51	09/05/19 18:08	1
Methoxychlor	ND		0.050	0.014	ug/L		09/04/19 07:51	09/05/19 18:08	1
Toxaphene	ND		0.50	0.12	ug/L		09/04/19 07:51	09/05/19 18:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*40*		*20 - 120*	*09/04/19 07:51*	*09/05/19 18:08*	*1*
Tetrachloro-m-xylene	*91*		*44 - 120*	*09/04/19 07:51*	*09/05/19 18:08*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 01:59	1
PCB-1221	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 01:59	1
PCB-1232	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 01:59	1
PCB-1242	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 01:59	1
PCB-1248	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 01:59	1
PCB-1254	ND		0.50	0.25	ug/L		09/09/19 08:22	09/11/19 01:59	1
PCB-1260	ND		0.50	0.25	ug/L		09/09/19 08:22	09/11/19 01:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*33*		*19 - 120*	*09/09/19 08:22*	*09/11/19 01:59*	*1*
Tetrachloro-m-xylene	*87*		*39 - 121*	*09/09/19 08:22*	*09/11/19 01:59*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6.2**		0.20	0.060	mg/L		09/05/19 06:25	09/10/19 18:37	1
Antimony	ND		0.020	0.0068	mg/L		09/05/19 06:25	09/10/19 18:37	1
Arsenic	**0.0059**	**J**	0.015	0.0056	mg/L		09/05/19 06:25	09/10/19 18:37	1
Barium	**0.15**		0.0020	0.00070	mg/L		09/05/19 06:25	09/10/19 18:37	1
Beryllium	**0.00051**	**J**	0.0020	0.00030	mg/L		09/05/19 06:25	09/10/19 18:37	1
Cadmium	ND		0.0020	0.00050	mg/L		09/05/19 06:25	09/10/19 18:37	1
Calcium	**152**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 18:37	1
Chromium	**0.0085**		0.0040	0.0010	mg/L		09/05/19 06:25	09/10/19 18:37	1
Cobalt	**0.0052**		0.0040	0.00063	mg/L		09/05/19 06:25	09/10/19 18:37	1
Copper	**0.0097**	**J**	0.010	0.0016	mg/L		09/05/19 06:25	09/10/19 18:37	1
Iron	**17.6**		0.050	0.019	mg/L		09/05/19 06:25	09/10/19 18:37	1
Lead	**0.017**		0.010	0.0030	mg/L		09/05/19 06:25	09/10/19 18:37	1
Magnesium	**19.1**		0.20	0.043	mg/L		09/05/19 06:25	09/10/19 18:37	1
Manganese	**6.0**		0.0030	0.00040	mg/L		09/05/19 06:25	09/10/19 18:37	1
Nickel	**0.0093**	**J**	0.010	0.0013	mg/L		09/05/19 06:25	09/10/19 18:37	1
Potassium	**3.0**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 18:37	1
Selenium	ND		0.025	0.0087	mg/L		09/05/19 06:25	09/10/19 18:37	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-21
Lab Sample ID: 480-158459-22
Date Collected: 08/28/19 13:20
Matrix: Water
Date Received: 08/30/19 08:00

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		09/05/19 06:25	09/10/19 18:37	1
Sodium	**33.5**		1.0	0.32	mg/L		09/05/19 06:25	09/10/19 18:37	1
Thallium	ND		0.020	0.010	mg/L		09/05/19 06:25	09/10/19 18:37	1
Vanadium	**0.019**		0.0050	0.0015	mg/L		09/05/19 06:25	09/10/19 18:37	1
Zinc	**0.039**	**B**	0.010	0.0015	mg/L		09/05/19 06:25	09/10/19 18:37	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/10/19 11:40	09/10/19 17:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		09/08/19 16:20	09/09/19 15:33	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-21D
Lab Sample ID: 480-158459-23
Date Collected: 08/28/19 13:45
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/09/19 05:19	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/09/19 05:19	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/09/19 05:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/09/19 05:19	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/09/19 05:19	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/09/19 05:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/09/19 05:19	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/09/19 05:19	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/09/19 05:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/09/19 05:19	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/09/19 05:19	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/09/19 05:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/09/19 05:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/09/19 05:19	1
2-Hexanone	ND		5.0	1.2	ug/L			09/09/19 05:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/09/19 05:19	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/09/19 05:19	1
Acetone	ND		10	3.0	ug/L			09/09/19 05:19	1
Benzene	ND		1.0	0.41	ug/L			09/09/19 05:19	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/09/19 05:19	1
Bromoform	ND		1.0	0.26	ug/L			09/09/19 05:19	1
Bromomethane	ND		1.0	0.69	ug/L			09/09/19 05:19	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/09/19 05:19	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/09/19 05:19	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/09/19 05:19	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/09/19 05:19	1
Chloroethane	ND		1.0	0.32	ug/L			09/09/19 05:19	1
Chloroform	ND		1.0	0.34	ug/L			09/09/19 05:19	1
Chloromethane	ND		1.0	0.35	ug/L			09/09/19 05:19	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/09/19 05:19	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/09/19 05:19	1
Cyclohexane	ND		1.0	0.18	ug/L			09/09/19 05:19	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/09/19 05:19	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/09/19 05:19	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/09/19 05:19	1
Methyl acetate	ND		2.5	1.3	ug/L			09/09/19 05:19	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/09/19 05:19	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/09/19 05:19	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/09/19 05:19	1
Styrene	ND		1.0	0.73	ug/L			09/09/19 05:19	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/09/19 05:19	1
Toluene	ND		1.0	0.51	ug/L			09/09/19 05:19	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/09/19 05:19	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/09/19 05:19	1
Trichloroethene	ND		1.0	0.46	ug/L			09/09/19 05:19	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/09/19 05:19	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/09/19 05:19	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/09/19 05:19	1
m,p-Xylene	ND		2.0	0.66	ug/L			09/09/19 05:19	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-21D
Lab Sample ID: 480-158459-23
Date Collected: 08/28/19 13:45
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.0	0.76	ug/L			09/09/19 05:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*09/09/19 05:19*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*09/09/19 05:19*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*09/09/19 05:19*	*1*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.80	0.40	ug/L		09/04/19 07:35	09/06/19 22:00	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*64*		*15 - 110*	*09/04/19 07:35*	*09/06/19 22:00*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		09/04/19 15:05	09/10/19 14:19	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/04/19 15:05	09/10/19 14:19	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/04/19 15:05	09/10/19 14:19	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/04/19 15:05	09/10/19 14:19	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/04/19 15:05	09/10/19 14:19	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/04/19 15:05	09/10/19 14:19	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/04/19 15:05	09/10/19 14:19	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/04/19 15:05	09/10/19 14:19	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/04/19 15:05	09/10/19 14:19	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/04/19 15:05	09/10/19 14:19	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/04/19 15:05	09/10/19 14:19	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/04/19 15:05	09/10/19 14:19	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/04/19 15:05	09/10/19 14:19	1
2-Nitroaniline	ND		10	0.42	ug/L		09/04/19 15:05	09/10/19 14:19	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/04/19 15:05	09/10/19 14:19	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/04/19 15:05	09/10/19 14:19	1
3-Nitroaniline	ND		10	0.48	ug/L		09/04/19 15:05	09/10/19 14:19	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/04/19 15:05	09/10/19 14:19	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/04/19 15:05	09/10/19 14:19	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/04/19 15:05	09/10/19 14:19	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/04/19 15:05	09/10/19 14:19	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/04/19 15:05	09/10/19 14:19	1
4-Methylphenol	ND		10	0.36	ug/L		09/04/19 15:05	09/10/19 14:19	1
4-Nitroaniline	ND		10	0.25	ug/L		09/04/19 15:05	09/10/19 14:19	1
4-Nitrophenol	ND		10	1.5	ug/L		09/04/19 15:05	09/10/19 14:19	1
Acenaphthene	ND		5.0	0.41	ug/L		09/04/19 15:05	09/10/19 14:19	1
Acenaphthylene	ND		5.0	0.38	ug/L		09/04/19 15:05	09/10/19 14:19	1
Acetophenone	ND		5.0	0.54	ug/L		09/04/19 15:05	09/10/19 14:19	1
Anthracene	ND		5.0	0.28	ug/L		09/04/19 15:05	09/10/19 14:19	1
Atrazine	ND		5.0	0.46	ug/L		09/04/19 15:05	09/10/19 14:19	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/04/19 15:05	09/10/19 14:19	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		09/04/19 15:05	09/10/19 14:19	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		09/04/19 15:05	09/10/19 14:19	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		09/04/19 15:05	09/10/19 14:19	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		09/04/19 15:05	09/10/19 14:19	1

Client Sample ID: MW-21D
Lab Sample ID: 480-158459-23
Date Collected: 08/28/19 13:45
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		09/04/19 15:05	09/10/19 14:19	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/04/19 15:05	09/10/19 14:19	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/04/19 15:05	09/10/19 14:19	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/04/19 15:05	09/10/19 14:19	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/04/19 15:05	09/10/19 14:19	1
Caprolactam	ND		5.0	2.2	ug/L		09/04/19 15:05	09/10/19 14:19	1
Carbazole	ND		5.0	0.30	ug/L		09/04/19 15:05	09/10/19 14:19	1
Chrysene	ND		5.0	0.33	ug/L		09/04/19 15:05	09/10/19 14:19	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		09/04/19 15:05	09/10/19 14:19	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/04/19 15:05	09/10/19 14:19	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/04/19 15:05	09/10/19 14:19	1
Dibenzofuran	ND		10	0.51	ug/L		09/04/19 15:05	09/10/19 14:19	1
Diethyl phthalate	ND		5.0	0.22	ug/L		09/04/19 15:05	09/10/19 14:19	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/04/19 15:05	09/10/19 14:19	1
Fluoranthene	ND		5.0	0.40	ug/L		09/04/19 15:05	09/10/19 14:19	1
Fluorene	ND		5.0	0.36	ug/L		09/04/19 15:05	09/10/19 14:19	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/04/19 15:05	09/10/19 14:19	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/04/19 15:05	09/10/19 14:19	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/04/19 15:05	09/10/19 14:19	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/04/19 15:05	09/10/19 14:19	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		09/04/19 15:05	09/10/19 14:19	1
Isophorone	ND		5.0	0.43	ug/L		09/04/19 15:05	09/10/19 14:19	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/04/19 15:05	09/10/19 14:19	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/04/19 15:05	09/10/19 14:19	1
Naphthalene	ND		5.0	0.76	ug/L		09/04/19 15:05	09/10/19 14:19	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/04/19 15:05	09/10/19 14:19	1
Pentachlorophenol	ND		10	2.2	ug/L		09/04/19 15:05	09/10/19 14:19	1
Phenanthrene	ND		5.0	0.44	ug/L		09/04/19 15:05	09/10/19 14:19	1
Phenol	ND		5.0	0.39	ug/L		09/04/19 15:05	09/10/19 14:19	1
Pyrene	ND		5.0	0.34	ug/L		09/04/19 15:05	09/10/19 14:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*88*		*41 - 120*	*09/04/19 15:05*	*09/10/19 14:19*	*1*
2-Fluorobiphenyl	*100*		*48 - 120*	*09/04/19 15:05*	*09/10/19 14:19*	*1*
2-Fluorophenol	*60*		*35 - 120*	*09/04/19 15:05*	*09/10/19 14:19*	*1*
Nitrobenzene-d5	*77*		*46 - 120*	*09/04/19 15:05*	*09/10/19 14:19*	*1*
p-Terphenyl-d14	*71*		*60 - 148*	*09/04/19 15:05*	*09/10/19 14:19*	*1*
Phenol-d5	*45*		*22 - 120*	*09/04/19 15:05*	*09/10/19 14:19*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		09/04/19 07:51	09/05/19 18:28	1
4,4'-DDE	ND		0.050	0.012	ug/L		09/04/19 07:51	09/05/19 18:28	1
4,4'-DDT	**0.013**	**J ***	0.050	0.011	ug/L		09/04/19 07:51	09/05/19 18:28	1
Aldrin	ND		0.050	0.0081	ug/L		09/04/19 07:51	09/05/19 18:28	1
alpha-BHC	**0.011**	**J**	0.050	0.0077	ug/L		09/04/19 07:51	09/05/19 18:28	1
cis-Chlordane	ND		0.050	0.015	ug/L		09/04/19 07:51	09/05/19 18:28	1
beta-BHC	ND		0.050	0.025	ug/L		09/04/19 07:51	09/05/19 18:28	1
delta-BHC	ND		0.050	0.010	ug/L		09/04/19 07:51	09/05/19 18:28	1
Dieldrin	ND		0.050	0.0098	ug/L		09/04/19 07:51	09/05/19 18:28	1

Client Sample ID: MW-21D
Lab Sample ID: 480-158459-23
Date Collected: 08/28/19 13:45
Matrix: Water
Date Received: 08/30/19 08:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	ND		0.050	0.011	ug/L		09/04/19 07:51	09/05/19 18:28	1
Endosulfan II	ND		0.050	0.012	ug/L		09/04/19 07:51	09/05/19 18:28	1
Endosulfan sulfate	ND	*	0.050	0.016	ug/L		09/04/19 07:51	09/05/19 18:28	1
Endrin	ND		0.050	0.014	ug/L		09/04/19 07:51	09/05/19 18:28	1
Endrin aldehyde	**0.052**	**B**	0.050	0.016	ug/L		09/04/19 07:51	09/05/19 18:28	1
Endrin ketone	ND		0.050	0.012	ug/L		09/04/19 07:51	09/05/19 18:28	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		09/04/19 07:51	09/05/19 18:28	1
trans-Chlordane	ND		0.050	0.011	ug/L		09/04/19 07:51	09/05/19 18:28	1
Heptachlor	ND		0.050	0.0085	ug/L		09/04/19 07:51	09/05/19 18:28	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		09/04/19 07:51	09/05/19 18:28	1
Methoxychlor	ND		0.050	0.014	ug/L		09/04/19 07:51	09/05/19 18:28	1
Toxaphene	ND		0.50	0.12	ug/L		09/04/19 07:51	09/05/19 18:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*105*		*20 - 120*	*09/04/19 07:51*	*09/05/19 18:28*	*1*
Tetrachloro-m-xylene	*86*		*44 - 120*	*09/04/19 07:51*	*09/05/19 18:28*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 02:11	1
PCB-1221	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 02:11	1
PCB-1232	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 02:11	1
PCB-1242	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 02:11	1
PCB-1248	ND		0.50	0.18	ug/L		09/09/19 08:22	09/11/19 02:11	1
PCB-1254	ND		0.50	0.25	ug/L		09/09/19 08:22	09/11/19 02:11	1
PCB-1260	ND		0.50	0.25	ug/L		09/09/19 08:22	09/11/19 02:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*36*		*19 - 120*	*09/09/19 08:22*	*09/11/19 02:11*	*1*
Tetrachloro-m-xylene	*81*		*39 - 121*	*09/09/19 08:22*	*09/11/19 02:11*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.063**	**J**	0.20	0.060	mg/L		09/05/19 06:25	09/10/19 18:40	1
Antimony	ND		0.020	0.0068	mg/L		09/05/19 06:25	09/10/19 18:40	1
Arsenic	ND		0.015	0.0056	mg/L		09/05/19 06:25	09/10/19 18:40	1
Barium	**0.20**		0.0020	0.00070	mg/L		09/05/19 06:25	09/10/19 18:40	1
Beryllium	ND		0.0020	0.00030	mg/L		09/05/19 06:25	09/10/19 18:40	1
Cadmium	ND		0.0020	0.00050	mg/L		09/05/19 06:25	09/10/19 18:40	1
Calcium	**156**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 18:40	1
Chromium	ND		0.0040	0.0010	mg/L		09/05/19 06:25	09/10/19 18:40	1
Cobalt	ND		0.0040	0.00063	mg/L		09/05/19 06:25	09/10/19 18:40	1
Copper	ND		0.010	0.0016	mg/L		09/05/19 06:25	09/10/19 18:40	1
Iron	**2.4**		0.050	0.019	mg/L		09/05/19 06:25	09/10/19 18:40	1
Lead	ND		0.010	0.0030	mg/L		09/05/19 06:25	09/10/19 18:40	1
Magnesium	**28.1**		0.20	0.043	mg/L		09/05/19 06:25	09/10/19 18:40	1
Manganese	**0.24**		0.0030	0.00040	mg/L		09/05/19 06:25	09/10/19 18:40	1
Nickel	ND		0.010	0.0013	mg/L		09/05/19 06:25	09/10/19 18:40	1
Potassium	**3.7**		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 18:40	1
Selenium	ND		0.025	0.0087	mg/L		09/05/19 06:25	09/10/19 18:40	1

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-21D
Lab Sample ID: 480-158459-23
Date Collected: 08/28/19 13:45
Matrix: Water
Date Received: 08/30/19 08:00

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		09/05/19 06:25	09/10/19 18:40	1
Sodium	**125**		1.0	0.32	mg/L		09/05/19 06:25	09/10/19 18:40	1
Thallium	ND		0.020	0.010	mg/L		09/05/19 06:25	09/10/19 18:40	1
Vanadium	ND		0.0050	0.0015	mg/L		09/05/19 06:25	09/10/19 18:40	1
Zinc	ND		0.010	0.0015	mg/L		09/05/19 06:25	09/10/19 18:40	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/10/19 11:40	09/10/19 17:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		09/08/19 16:20	09/09/19 15:36	1

Surrogate Summary

Client: New York State D.E.C.
Project/Site: 34 Freeman's Bridge Rd. #447028

Job ID: 480-158459-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		DCA	TOL	BFB
Lab Sample ID	Client Sample ID	(77-120)	(80-120)	(73-120)
480-158459-1	MW-19D	108	98	104
480-158459-2	MW-15D	107	100	107
480-158459-3	MW-11D	102	97	107
480-158459-3 MS	MW-11D	102	103	108
480-158459-3 MSD	MW-11D	100	104	104
480-158459-4	MW-30	110	98	104
480-158459-5	MW-32	93	90	97
480-158459-6	MW-20	97	100	107
480-158459-6 MS	MW-20	98	97	107
480-158459-6 MSD	MW-20	100	98	105
480-158459-7	MW-33	107	101	105
480-158459-8	DUP	103	101	105
480-158459-9	MW-11	105	98	101
480-158459-10	MW-15	92	89	92
480-158459-11	MW-16 082719	107	101	109
480-158459-12	MW-23	97	95	106
480-158459-13	MW-19	92	87	91
480-158459-14	MW-18	92	91	97
480-158459-15	MW-20D	97	97	104
480-158459-16	MW-31	97	98	105
480-158459-19	MW-23D	101	99	107
480-158459-21	MW-16D	96	100	107
480-158459-22	MW-21	103	96	107
480-158459-23	MW-21D	98	97	105
LCS 480-490042/5	Lab Control Sample	102	101	107
LCS 480-490509/5	Lab Control Sample	99	102	104
LCS 480-490812/5	Lab Control Sample	101	98	103
LCS 480-491014/9	Lab Control Sample	86	90	102
MB 480-490042/7	Method Blank	110	100	104
MB 480-490509/7	Method Blank	105	102	107
MB 480-490812/7	Method Blank	99	100	104
MB 480-491014/11	Method Blank	88	87	93

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPHd14	PHL
Lab Sample ID	Client Sample ID	(41-120)	(48-120)	(35-120)	(46-120)	(60-148)	(22-120)
480-158459-1	MW-19D	108	98	65	79	77	43
480-158459-2	MW-15D	68	90	59	76	79	42
480-158459-3	MW-11D	99	101	61	81	84	46
480-158459-3 MS	MW-11D	110	92	63	75	83	47
480-158459-3 MSD	MW-11D	111	93	62	78	86	48
480-158459-4	MW-30	101	92	61	77	74	43

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	TBP (41-120)	FBP (48-120)	2FP (35-120)	NBZ (46-120)	TPHd14 (60-148)	PHL (22-120)
480-158459-5	MW-32	108	99	64	78	76	45
480-158459-6	MW-20	97	91	59	81	91	48
480-158459-7	MW-33	74	97	70	77	74	41
480-158459-8	DUP	120	99	67	82	75	45
480-158459-9	MW-11	107	97	61	79	75	42
480-158459-10	MW-15	0 X	77	42	57	68	0 X
480-158459-11	MW-16 082719	116	94	66	80	75	45
480-158459-12	MW-23	105	97	64	80	61	45
480-158459-13	MW-19	118	102	63	84	74	42
480-158459-14	MW-18	99	90	57	73	71	40
480-158459-15	MW-20D	88	89	58	72	76	43
480-158459-16	MW-31	111	90	58	73	69	42
480-158459-19	MW-23D	85	89	57	73	70	41
480-158459-21	MW-16D	79	90	56	71	63	38
480-158459-22	MW-21	96	96	60	74	75	42
480-158459-23	MW-21D	88	100	60	77	71	45
LCS 480-490165/2-A	Lab Control Sample	103	86	59	72	90	46
MB 480-490165/1-A	Method Blank	87	91	57	76	87	42

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
TPHd14 = p-Terphenyl-d14
PHL = Phenol-d5

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCBP1 (20-120)	TCX1 (44-120)
480-158459-1	MW-19D	47	86
480-158459-2	MW-15D	51	92
480-158459-3	MW-11D	71	97
480-158459-3 MS	MW-11D	52	81
480-158459-3 MSD	MW-11D	60	90
480-158459-4	MW-30	54	96
480-158459-5	MW-32	50	107
480-158459-7	MW-33	38	96
480-158459-8	DUP	51	91
480-158459-9	MW-11	48	86
480-158459-10	MW-15	35	77
480-158459-11	MW-16 082719	58	101
480-158459-12	MW-23	40	74
480-158459-13	MW-19	30	101
480-158459-14	MW-18	38	92
480-158459-15	MW-20D	57	89
480-158459-16	MW-31	49	116
480-158459-19	MW-23D	62	99

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
		DCBP1	TCX1										
Lab Sample ID	Client Sample ID	(20-120)	(44-120)										
480-158459-21	MW-16D	31	75										
480-158459-22	MW-21	40	91										
480-158459-23	MW-21D	105	86										
LCS 480-490025/2-A	Lab Control Sample	44	89										
MB 480-490025/1-A	Method Blank	55	90										

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
		DCBP2	TCX2										
Lab Sample ID	Client Sample ID	(20-120)	(44-120)										
480-158459-6	MW-20	0 X	378 X										

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
		DCBP2	TCX2										
Lab Sample ID	Client Sample ID	(19-120)	(39-121)										
480-158459-1	MW-19D	33	75										
480-158459-2	MW-15D	41	86										
480-158459-3	MW-11D	44	84										
480-158459-3 MS	MW-11D	35	81										
480-158459-3 MSD	MW-11D	36	84										
480-158459-4	MW-30	39	82										
480-158459-5	MW-32	36	93										
480-158459-6	MW-20	19	63										
480-158459-7	MW-33	27	81										
480-158459-8	DUP	28	80										
480-158459-9	MW-11	37	84										
480-158459-10	MW-15	30	82										
480-158459-11	MW-16 082719	34	86										
480-158459-12	MW-23	27	73										
480-158459-13	MW-19	31	82										
480-158459-14	MW-18	31	81										
480-158459-15	MW-20D	43	82										
480-158459-16	MW-31	32	77										
480-158459-19	MW-23D	45	85										
480-158459-21	MW-16D	23	79										
480-158459-22	MW-21	33	87										
480-158459-23	MW-21D	36	81										
LCS 480-490869/2-A	Lab Control Sample	21	81										
MB 480-490869/1-A	Method Blank	33	76										

Surrogate Summary

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Isotope Dilution Summary

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water
Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)
		DXE
Lab Sample ID	Client Sample ID	(15-110)
480-158459-1	MW-19D	58
480-158459-2	MW-15D	58
480-158459-3	MW-11D	65
480-158459-3 MS	MW-11D	59
480-158459-3 MSD	MW-11D	56
480-158459-4	MW-30	59
480-158459-5	MW-32	59
480-158459-6	MW-20	58
480-158459-7	MW-33	58
480-158459-8	DUP	60
480-158459-9	MW-11	58
480-158459-10	MW-15	58
480-158459-11	MW-16 082719	64
480-158459-12	MW-23	62
480-158459-13	MW-19	62
480-158459-14	MW-18	69
480-158459-15	MW-20D	65
480-158459-16	MW-31	70
480-158459-19	MW-23D	67
480-158459-21	MW-16D	58
480-158459-22	MW-21	64
480-158459-23	MW-21D	64
LCS 480-490012/2-A	Lab Control Sample	27
MB 480-490012/1-A	Method Blank	29

Surrogate Legend

DXE = 1,4-Dioxane-d8

Method: 537 (modified) - Fluorinated Alkyl Substances

Matrix: Water
Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFOSA	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA
Lab Sample ID	Client Sample ID	(25-150)	(25-150)	(25-150)	(50-150)	(50-150)	(50-150)	(50-150)	(50-150)
480-158459-2	MW-15D	62	69	88	96	102	99	88	102
480-158459-3	MW-11D	78	88	97	103	107	111	102	110
480-158459-3 MS	MW-11D	78	86	91	107	98	107	93	95
480-158459-3 MSD	MW-11D	82	83	97	110	110	110	96	104
480-158459-4	MW-30	67	76	85	97	101	102	96	90
480-158459-6	MW-20	93		39	79	98	108	100	112
480-158459-6 - DL	MW-20		12 *						
480-158459-7	MW-33	77	68	85	101	109	112	100	104
480-158459-8	DUP	85	52	72	89	96	107	100	110
480-158459-9	MW-11	82	62	76	95	105	109	101	104
480-158459-11	MW-16 082719	74	51	71	91	98	110	99	108
480-158459-17	EQUIP BLANK	54	103	101	111	111	110	100	108
480-158459-18	FIELD BLANK 1	56	101	96	104	107	105	95	107
480-158459-20	FIELD BLANK 2	54	108	107	117	119	118	105	116
LCS 200-147028/2-A	Lab Control Sample	56	109	104	116	114	119	105	118
MB 200-147028/1-A	Method Blank	68	100	95	106	111	107	95	110

Isotope Dilution Summary

Client: New York State D.E.C. Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFUnA (50-150)	PFDoA (50-150)	PFTDA (50-150)	PFHxS (50-150)	PFOS (50-150)	I-NMeFOSA (50-150)	5-NEtFOSA (50-150)	M262FTS (25-150)
480-158459-2	MW-15D	86	92	85	120	92	90	81	109
480-158459-3	MW-11D	94	105	99	125	104	98	87	113
480-158459-3 MS	MW-11D	88	90	90	118	97	97	82	106
480-158459-3 MSD	MW-11D	91	102	93	123	106	106	85	121
480-158459-4	MW-30	87	91	92	122	97	92	82	120
480-158459-6	MW-20	105	100	57	119	112	125	117	135
480-158459-6 - DL	MW-20								
480-158459-7	MW-33	98	101	91	127	105	100	95	119
480-158459-8	DUP	108	114	104	111	101	114	104	146
480-158459-9	MW-11	92	100	94	121	98	100	94	147
480-158459-11	MW-16 082719	111	122	109	119	96	119	117	144
480-158459-17	EQUIP BLANK	102	94	84	120	105	95	87	117
480-158459-18	FIELD BLANK 1	97	112	91	119	99	100	90	117
480-158459-20	FIELD BLANK 2	100	99	91	126	115	95	89	122
LCS 200-147028/2-A	Lab Control Sample	110	105	95	134	114	113	91	121
MB 200-147028/1-A	Method Blank	102	104	96	122	105	102	99	113

		Percent Isotope Dilution Recovery (Acceptance Limits)								
Lab Sample ID	Client Sample ID	M282FTS (25-150)								
480-158459-2	MW-15D	99								
480-158459-3	MW-11D	103								
480-158459-3 MS	MW-11D	95								
480-158459-3 MSD	MW-11D	107								
480-158459-4	MW-30	109								
480-158459-6	MW-20	124								
480-158459-6 - DL	MW-20									
480-158459-7	MW-33	113								
480-158459-8	DUP	134								
480-158459-9	MW-11	115								
480-158459-11	MW-16 082719	139								
480-158459-17	EQUIP BLANK	103								
480-158459-18	FIELD BLANK 1	111								
480-158459-20	FIELD BLANK 2	118								
LCS 200-147028/2-A	Lab Control Sample	115								
MB 200-147028/1-A	Method Blank	110								

Surrogate Legend

PFOSA = 13C8 FOSA
PFBA = 13C4 PFBA
PFPeA = 13C5-PFPeA DNU
PFHxA = 13C2 PFHxA
PFHpA = 13C4 PFHpA
PFOA = 13C4 PFOA
PFNA = 13C5 PFNA
PFDA = 13C2 PFDA
PFUnA = 13C2 PFUnA
PFDoA = 13C2 PFDoA
PFTDA = 13C2 PFTeDA
PFHxS = 18O2 PFHxS
PFOS = 13C4 PFOS

Isotope Dilution Summary

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

d3-NMeFOSAA = d3-NMeFOSAA
d5-NEtFOSAA = d5-NEtFOSAA
M262FTS = M2-6:2 FTS
M282FTS = M2-8:2 FTS

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-490042/7
Matrix: Water
Analysis Batch: 490042

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/04/19 11:03	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/04/19 11:03	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/04/19 11:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/04/19 11:03	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/04/19 11:03	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/04/19 11:03	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/04/19 11:03	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/04/19 11:03	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/04/19 11:03	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/04/19 11:03	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/04/19 11:03	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/04/19 11:03	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/04/19 11:03	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/04/19 11:03	1
2-Hexanone	ND		5.0	1.2	ug/L			09/04/19 11:03	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/04/19 11:03	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/04/19 11:03	1
Acetone	ND		10	3.0	ug/L			09/04/19 11:03	1
Benzene	ND		1.0	0.41	ug/L			09/04/19 11:03	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/04/19 11:03	1
Bromoform	ND		1.0	0.26	ug/L			09/04/19 11:03	1
Bromomethane	ND		1.0	0.69	ug/L			09/04/19 11:03	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/04/19 11:03	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/04/19 11:03	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/04/19 11:03	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/04/19 11:03	1
Chloroethane	ND		1.0	0.32	ug/L			09/04/19 11:03	1
Chloroform	ND		1.0	0.34	ug/L			09/04/19 11:03	1
Chloromethane	ND		1.0	0.35	ug/L			09/04/19 11:03	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/04/19 11:03	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/04/19 11:03	1
Cyclohexane	ND		1.0	0.18	ug/L			09/04/19 11:03	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/04/19 11:03	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/04/19 11:03	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/04/19 11:03	1
Methyl acetate	ND		2.5	1.3	ug/L			09/04/19 11:03	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/04/19 11:03	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/04/19 11:03	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/04/19 11:03	1
Styrene	ND		1.0	0.73	ug/L			09/04/19 11:03	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/04/19 11:03	1
Toluene	ND		1.0	0.51	ug/L			09/04/19 11:03	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/04/19 11:03	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/04/19 11:03	1
Trichloroethene	ND		1.0	0.46	ug/L			09/04/19 11:03	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/04/19 11:03	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/04/19 11:03	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/04/19 11:03	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-490042/7
Matrix: Water
Analysis Batch: 490042

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylene	ND		2.0	0.66	ug/L			09/04/19 11:03	1
o-Xylene	ND		1.0	0.76	ug/L			09/04/19 11:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*		*09/04/19 11:03*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*09/04/19 11:03*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*09/04/19 11:03*	*1*

Lab Sample ID: LCS 480-490042/5
Matrix: Water
Analysis Batch: 490042

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	26.3		ug/L		105	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.5		ug/L		98	76 - 120
1,1,2-Trichloroethane	25.0	23.7		ug/L		95	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.3		ug/L		109	61 - 148
1,1-Dichloroethane	25.0	25.2		ug/L		101	77 - 120
1,1-Dichloroethene	25.0	28.2		ug/L		113	66 - 127
1,2,4-Trichlorobenzene	25.0	19.8		ug/L		79	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	20.0		ug/L		80	56 - 134
1,2-Dibromoethane	25.0	25.6		ug/L		102	77 - 120
1,2-Dichlorobenzene	25.0	24.4		ug/L		97	80 - 124
1,2-Dichloroethane	25.0	23.6		ug/L		94	75 - 120
1,2-Dichloropropane	25.0	25.4		ug/L		101	76 - 120
1,3-Dichlorobenzene	25.0	24.6		ug/L		99	77 - 120
1,4-Dichlorobenzene	25.0	24.3		ug/L		97	80 - 120
2-Hexanone	125	128		ug/L		103	65 - 127
2-Butanone (MEK)	125	140		ug/L		112	57 - 140
4-Methyl-2-pentanone (MIBK)	125	132		ug/L		106	71 - 125
Acetone	125	139		ug/L		111	56 - 142
Benzene	25.0	25.8		ug/L		103	71 - 124
Bromodichloromethane	25.0	26.4		ug/L		106	80 - 122
Bromoform	25.0	27.4		ug/L		109	61 - 132
Bromomethane	25.0	22.5		ug/L		90	55 - 144
Carbon disulfide	25.0	26.9		ug/L		107	59 - 134
Carbon tetrachloride	25.0	27.8		ug/L		111	72 - 134
Chlorobenzene	25.0	25.0		ug/L		100	80 - 120
Dibromochloromethane	25.0	26.6		ug/L		107	75 - 125
Chloroethane	25.0	22.6		ug/L		90	69 - 136
Chloroform	25.0	23.4		ug/L		94	73 - 127
Chloromethane	25.0	22.3		ug/L		89	68 - 124
cis-1,2-Dichloroethene	25.0	26.0		ug/L		104	74 - 124
cis-1,3-Dichloropropene	25.0	26.0		ug/L		104	74 - 124
Cyclohexane	25.0	27.6		ug/L		110	59 - 135
Dichlorodifluoromethane	25.0	22.6		ug/L		91	59 - 135
Ethylbenzene	25.0	25.2		ug/L		101	77 - 123
Isopropylbenzene	25.0	27.5		ug/L		110	77 - 122

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-490042/5
Matrix: Water
Analysis Batch: 490042

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl acetate	50.0	47.0		ug/L		94	74 - 133
Methyl tert-butyl ether	25.0	25.8		ug/L		103	77 - 120
Methylcyclohexane	25.0	28.3		ug/L		113	68 - 134
Methylene Chloride	25.0	24.2		ug/L		97	75 - 124
Styrene	25.0	26.9		ug/L		107	80 - 120
Tetrachloroethene	25.0	26.4		ug/L		106	74 - 122
Toluene	25.0	24.8		ug/L		99	80 - 122
trans-1,2-Dichloroethene	25.0	26.0		ug/L		104	73 - 127
trans-1,3-Dichloropropene	25.0	25.8		ug/L		103	80 - 120
Trichloroethene	25.0	26.5		ug/L		106	74 - 123
Trichlorofluoromethane	25.0	23.3		ug/L		93	62 - 150
Vinyl chloride	25.0	23.3		ug/L		93	65 - 133
m,p-Xylene	25.0	26.3		ug/L		105	76 - 122
o-Xylene	25.0	25.8		ug/L		103	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*

Lab Sample ID: 480-158459-3 MS
Matrix: Water
Analysis Batch: 490042

Client Sample ID: MW-11D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND	F2	25.0	23.5		ug/L		94	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	23.3		ug/L		93	76 - 120
1,1,2-Trichloroethane	ND		25.0	24.7		ug/L		99	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F2	25.0	23.2		ug/L		93	61 - 148
1,1-Dichloroethane	ND		25.0	23.8		ug/L		95	77 - 120
1,1-Dichloroethene	ND		25.0	25.1		ug/L		100	66 - 127
1,2,4-Trichlorobenzene	ND	F1	25.0	18.3	F1	ug/L		73	79 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	21.2		ug/L		85	56 - 134
1,2-Dibromoethane	ND		25.0	25.2		ug/L		101	77 - 120
1,2-Dichlorobenzene	ND		25.0	22.8		ug/L		91	80 - 124
1,2-Dichloroethane	ND		25.0	22.5		ug/L		90	75 - 120
1,2-Dichloropropane	ND		25.0	23.9		ug/L		96	76 - 120
1,3-Dichlorobenzene	ND		25.0	21.7		ug/L		87	77 - 120
1,4-Dichlorobenzene	ND		25.0	22.1		ug/L		88	78 - 124
2-Hexanone	ND		125	126		ug/L		101	65 - 127
2-Butanone (MEK)	ND		125	131		ug/L		105	57 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	127		ug/L		101	71 - 125
Acetone	ND		125	126		ug/L		101	56 - 142
Benzene	ND		25.0	23.9		ug/L		96	71 - 124
Bromodichloromethane	ND		25.0	24.2		ug/L		97	80 - 122
Bromoform	ND		25.0	22.5		ug/L		90	61 - 132
Bromomethane	ND		25.0	23.4		ug/L		93	55 - 144
Carbon disulfide	ND		25.0	22.6		ug/L		90	59 - 134

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-158459-3 MS
Matrix: Water
Analysis Batch: 490042

Client Sample ID: MW-11D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	ND		25.0	24.4		ug/L		98	72 - 134
Chlorobenzene	ND		25.0	23.7		ug/L		95	80 - 120
Dibromochloromethane	ND		25.0	24.2		ug/L		97	75 - 125
Chloroethane	ND		25.0	23.9		ug/L		96	69 - 136
Chloroform	ND		25.0	21.4		ug/L		86	73 - 127
Chloromethane	ND		25.0	23.5		ug/L		94	68 - 124
cis-1,2-Dichloroethene	ND		25.0	23.7		ug/L		95	74 - 124
cis-1,3-Dichloropropene	ND		25.0	22.8		ug/L		91	74 - 124
Cyclohexane	ND	F2	25.0	22.2		ug/L		89	59 - 135
Dichlorodifluoromethane	ND		25.0	21.0		ug/L		84	59 - 135
Ethylbenzene	ND		25.0	23.3		ug/L		93	77 - 123
Isopropylbenzene	ND		25.0	24.2		ug/L		97	77 - 122
Methyl acetate	ND		50.0	43.9		ug/L		88	74 - 133
Methyl tert-butyl ether	ND		25.0	24.6		ug/L		98	77 - 120
Methylcyclohexane	ND	F2	25.0	21.5		ug/L		86	68 - 134
Methylene Chloride	0.57	J	25.0	23.0		ug/L		90	75 - 124
Styrene	ND		25.0	24.3		ug/L		97	80 - 120
Tetrachloroethene	ND		25.0	23.8		ug/L		95	74 - 122
Toluene	ND		25.0	23.6		ug/L		94	80 - 122
trans-1,2-Dichloroethene	ND		25.0	23.7		ug/L		95	73 - 127
trans-1,3-Dichloropropene	ND		25.0	23.0		ug/L		92	80 - 120
Trichloroethene	ND		25.0	23.9		ug/L		96	74 - 123
Trichlorofluoromethane	ND		25.0	23.5		ug/L		94	62 - 150
Vinyl chloride	ND		25.0	24.2		ug/L		97	65 - 133
m,p-Xylene	ND		25.0	24.3		ug/L		97	76 - 122
o-Xylene	ND		25.0	23.8		ug/L		95	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*
Toluene-d8 (Surr)	*103*		*80 - 120*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*

Lab Sample ID: 480-158459-3 MSD
Matrix: Water
Analysis Batch: 490042

Client Sample ID: MW-11D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND	F2	25.0	27.9	F2	ug/L		112	73 - 126	17	15
1,1,2,2-Tetrachloroethane	ND		25.0	24.7		ug/L		99	76 - 120	6	15
1,1,2-Trichloroethane	ND		25.0	25.2		ug/L		101	76 - 122	2	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F2	25.0	28.8	F2	ug/L		115	61 - 148	22	20
1,1-Dichloroethane	ND		25.0	27.4		ug/L		110	77 - 120	14	20
1,1-Dichloroethene	ND		25.0	28.7		ug/L		115	66 - 127	13	16
1,2,4-Trichlorobenzene	ND	F1	25.0	20.9		ug/L		83	79 - 122	13	20
1,2-Dibromo-3-Chloropropane	ND		25.0	23.2		ug/L		93	56 - 134	9	15
1,2-Dibromoethane	ND		25.0	26.4		ug/L		106	77 - 120	5	15
1,2-Dichlorobenzene	ND		25.0	25.3		ug/L		101	80 - 124	10	20
1,2-Dichloroethane	ND		25.0	24.7		ug/L		99	75 - 120	9	20

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-158459-3 MSD
Client Sample ID: MW-11D
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 490042

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloropropane	ND		25.0	26.6		ug/L		106	76 - 120	11	20
1,3-Dichlorobenzene	ND		25.0	25.4		ug/L		101	77 - 120	16	20
1,4-Dichlorobenzene	ND		25.0	25.1		ug/L		100	78 - 124	13	20
2-Hexanone	ND		125	131		ug/L		105	65 - 127	4	15
2-Butanone (MEK)	ND		125	133		ug/L		107	57 - 140	2	20
4-Methyl-2-pentanone (MIBK)	ND		125	132		ug/L		106	71 - 125	4	35
Acetone	ND		125	129		ug/L		103	56 - 142	2	15
Benzene	ND		25.0	27.0		ug/L		108	71 - 124	12	13
Bromodichloromethane	ND		25.0	26.2		ug/L		105	80 - 122	8	15
Bromoform	ND		25.0	24.7		ug/L		99	61 - 132	9	15
Bromomethane	ND		25.0	25.7		ug/L		103	55 - 144	9	15
Carbon disulfide	ND		25.0	26.1		ug/L		104	59 - 134	14	15
Carbon tetrachloride	ND		25.0	28.5		ug/L		114	72 - 134	15	15
Chlorobenzene	ND		25.0	26.5		ug/L		106	80 - 120	11	25
Dibromochloromethane	ND		25.0	25.4		ug/L		101	75 - 125	5	15
Chloroethane	ND		25.0	26.4		ug/L		105	69 - 136	10	15
Chloroform	ND		25.0	24.8		ug/L		99	73 - 127	15	20
Chloromethane	ND		25.0	25.9		ug/L		104	68 - 124	10	15
cis-1,2-Dichloroethene	ND		25.0	26.8		ug/L		107	74 - 124	12	15
cis-1,3-Dichloropropene	ND		25.0	24.6		ug/L		98	74 - 124	8	15
Cyclohexane	ND	F2	25.0	27.8	F2	ug/L		111	59 - 135	22	20
Dichlorodifluoromethane	ND		25.0	23.4		ug/L		94	59 - 135	11	20
Ethylbenzene	ND		25.0	26.8		ug/L		107	77 - 123	14	15
Isopropylbenzene	ND		25.0	28.9		ug/L		115	77 - 122	18	20
Methyl acetate	ND		50.0	45.4		ug/L		91	74 - 133	3	20
Methyl tert-butyl ether	ND		25.0	26.5		ug/L		106	77 - 120	7	37
Methylcyclohexane	ND	F2	25.0	28.5	F2	ug/L		114	68 - 134	28	20
Methylene Chloride	0.57	J	25.0	24.7		ug/L		97	75 - 124	7	15
Styrene	ND		25.0	27.7		ug/L		111	80 - 120	13	20
Tetrachloroethene	ND		25.0	28.4		ug/L		114	74 - 122	18	20
Toluene	ND		25.0	26.4		ug/L		105	80 - 122	11	15
trans-1,2-Dichloroethene	ND		25.0	26.6		ug/L		106	73 - 127	11	20
trans-1,3-Dichloropropene	ND		25.0	25.5		ug/L		102	80 - 120	11	15
Trichloroethene	ND		25.0	26.1		ug/L		104	74 - 123	9	16
Trichlorofluoromethane	ND		25.0	27.5		ug/L		110	62 - 150	16	20
Vinyl chloride	ND		25.0	27.1		ug/L		108	65 - 133	11	15
m,p-Xylene	ND		25.0	27.5		ug/L		110	76 - 122	12	16
o-Xylene	ND		25.0	27.0		ug/L		108	76 - 122	13	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*
Toluene-d8 (Surr)	*104*		*80 - 120*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-490509/7
Matrix: Water
Analysis Batch: 490509

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/06/19 11:04	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/06/19 11:04	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/06/19 11:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/06/19 11:04	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/06/19 11:04	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/06/19 11:04	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/06/19 11:04	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/06/19 11:04	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/06/19 11:04	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/06/19 11:04	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/06/19 11:04	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/06/19 11:04	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/06/19 11:04	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/06/19 11:04	1
2-Hexanone	ND		5.0	1.2	ug/L			09/06/19 11:04	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/06/19 11:04	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/06/19 11:04	1
Acetone	ND		10	3.0	ug/L			09/06/19 11:04	1
Benzene	ND		1.0	0.41	ug/L			09/06/19 11:04	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/06/19 11:04	1
Bromoform	ND		1.0	0.26	ug/L			09/06/19 11:04	1
Bromomethane	ND		1.0	0.69	ug/L			09/06/19 11:04	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/06/19 11:04	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/06/19 11:04	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/06/19 11:04	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/06/19 11:04	1
Chloroethane	ND		1.0	0.32	ug/L			09/06/19 11:04	1
Chloroform	ND		1.0	0.34	ug/L			09/06/19 11:04	1
Chloromethane	ND		1.0	0.35	ug/L			09/06/19 11:04	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/06/19 11:04	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/06/19 11:04	1
Cyclohexane	ND		1.0	0.18	ug/L			09/06/19 11:04	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/06/19 11:04	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/06/19 11:04	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/06/19 11:04	1
Methyl acetate	ND		2.5	1.3	ug/L			09/06/19 11:04	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/06/19 11:04	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/06/19 11:04	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/06/19 11:04	1
Styrene	ND		1.0	0.73	ug/L			09/06/19 11:04	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/06/19 11:04	1
Toluene	ND		1.0	0.51	ug/L			09/06/19 11:04	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/06/19 11:04	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/06/19 11:04	1
Trichloroethene	ND		1.0	0.46	ug/L			09/06/19 11:04	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/06/19 11:04	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/06/19 11:04	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/06/19 11:04	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-490509/7
Matrix: Water
Analysis Batch: 490509

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylene	ND		2.0	0.66	ug/L			09/06/19 11:04	1
o-Xylene	ND		1.0	0.76	ug/L			09/06/19 11:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*09/06/19 11:04*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*09/06/19 11:04*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*09/06/19 11:04*	*1*

Lab Sample ID: LCS 480-490509/5
Matrix: Water
Analysis Batch: 490509

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	24.8		ug/L		99	73 - 126
1,1,2,2-Tetrachloroethane	25.0	22.9		ug/L		92	76 - 120
1,1,2-Trichloroethane	25.0	23.7		ug/L		95	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.6		ug/L		102	61 - 148
1,1-Dichloroethane	25.0	23.5		ug/L		94	77 - 120
1,1-Dichloroethene	25.0	24.9		ug/L		99	66 - 127
1,2,4-Trichlorobenzene	25.0	19.0	*	ug/L		76	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	19.7		ug/L		79	56 - 134
1,2-Dibromoethane	25.0	24.8		ug/L		99	77 - 120
1,2-Dichlorobenzene	25.0	23.7		ug/L		95	80 - 124
1,2-Dichloroethane	25.0	22.2		ug/L		89	75 - 120
1,2-Dichloropropane	25.0	23.5		ug/L		94	76 - 120
1,3-Dichlorobenzene	25.0	22.9		ug/L		92	77 - 120
1,4-Dichlorobenzene	25.0	23.0		ug/L		92	80 - 120
2-Hexanone	125	118		ug/L		94	65 - 127
2-Butanone (MEK)	125	119		ug/L		96	57 - 140
4-Methyl-2-pentanone (MIBK)	125	124		ug/L		99	71 - 125
Acetone	125	116		ug/L		93	56 - 142
Benzene	25.0	23.8		ug/L		95	71 - 124
Bromodichloromethane	25.0	23.9		ug/L		95	80 - 122
Bromoform	25.0	26.9		ug/L		107	61 - 132
Bromomethane	25.0	22.0		ug/L		88	55 - 144
Carbon disulfide	25.0	24.0		ug/L		96	59 - 134
Carbon tetrachloride	25.0	24.9		ug/L		99	72 - 134
Chlorobenzene	25.0	23.5		ug/L		94	80 - 120
Dibromochloromethane	25.0	25.0		ug/L		100	75 - 125
Chloroethane	25.0	22.8		ug/L		91	69 - 136
Chloroform	25.0	21.8		ug/L		87	73 - 127
Chloromethane	25.0	22.0		ug/L		88	68 - 124
cis-1,2-Dichloroethene	25.0	23.8		ug/L		95	74 - 124
cis-1,3-Dichloropropene	25.0	24.2		ug/L		97	74 - 124
Cyclohexane	25.0	24.6		ug/L		98	59 - 135
Dichlorodifluoromethane	25.0	21.6		ug/L		86	59 - 135
Ethylbenzene	25.0	24.5		ug/L		98	77 - 123
Isopropylbenzene	25.0	26.0		ug/L		104	77 - 122

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-490509/5
Matrix: Water
Analysis Batch: 490509

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl acetate	50.0	42.6		ug/L		85	74 - 133
Methyl tert-butyl ether	25.0	23.5		ug/L		94	77 - 120
Methylcyclohexane	25.0	24.7		ug/L		99	68 - 134
Methylene Chloride	25.0	23.1		ug/L		92	75 - 124
Styrene	25.0	25.2		ug/L		101	80 - 120
Tetrachloroethene	25.0	25.5		ug/L		102	74 - 122
Toluene	25.0	24.1		ug/L		96	80 - 122
trans-1,2-Dichloroethene	25.0	23.9		ug/L		95	73 - 127
trans-1,3-Dichloropropene	25.0	25.3		ug/L		101	80 - 120
Trichloroethene	25.0	23.3		ug/L		93	74 - 123
Trichlorofluoromethane	25.0	24.2		ug/L		97	62 - 150
Vinyl chloride	25.0	23.0		ug/L		92	65 - 133
m,p-Xylene	25.0	25.0		ug/L		100	76 - 122
o-Xylene	25.0	24.5		ug/L		98	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*

Lab Sample ID: MB 480-490812/7
Matrix: Water
Analysis Batch: 490812

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/08/19 23:18	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/08/19 23:18	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/08/19 23:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/08/19 23:18	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/08/19 23:18	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/08/19 23:18	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/08/19 23:18	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/08/19 23:18	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/08/19 23:18	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/08/19 23:18	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/08/19 23:18	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/08/19 23:18	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/08/19 23:18	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/08/19 23:18	1
2-Hexanone	ND		5.0	1.2	ug/L			09/08/19 23:18	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/08/19 23:18	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/08/19 23:18	1
Acetone	ND		10	3.0	ug/L			09/08/19 23:18	1
Benzene	ND		1.0	0.41	ug/L			09/08/19 23:18	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/08/19 23:18	1
Bromoform	ND		1.0	0.26	ug/L			09/08/19 23:18	1
Bromomethane	ND		1.0	0.69	ug/L			09/08/19 23:18	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/08/19 23:18	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-490812/7
Matrix: Water
Analysis Batch: 490812

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/08/19 23:18	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/08/19 23:18	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/08/19 23:18	1
Chloroethane	ND		1.0	0.32	ug/L			09/08/19 23:18	1
Chloroform	ND		1.0	0.34	ug/L			09/08/19 23:18	1
Chloromethane	ND		1.0	0.35	ug/L			09/08/19 23:18	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/08/19 23:18	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/08/19 23:18	1
Cyclohexane	ND		1.0	0.18	ug/L			09/08/19 23:18	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/08/19 23:18	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/08/19 23:18	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/08/19 23:18	1
Methyl acetate	ND		2.5	1.3	ug/L			09/08/19 23:18	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/08/19 23:18	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/08/19 23:18	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/08/19 23:18	1
Styrene	ND		1.0	0.73	ug/L			09/08/19 23:18	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/08/19 23:18	1
Toluene	ND		1.0	0.51	ug/L			09/08/19 23:18	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/08/19 23:18	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/08/19 23:18	1
Trichloroethene	ND		1.0	0.46	ug/L			09/08/19 23:18	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/08/19 23:18	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/08/19 23:18	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/08/19 23:18	1
m,p-Xylene	ND		2.0	0.66	ug/L			09/08/19 23:18	1
o-Xylene	ND		1.0	0.76	ug/L			09/08/19 23:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*09/08/19 23:18*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*09/08/19 23:18*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*09/08/19 23:18*	*1*

Lab Sample ID: LCS 480-490812/5
Matrix: Water
Analysis Batch: 490812

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	26.9		ug/L		108	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.3		ug/L		93	76 - 120
1,1,2-Trichloroethane	25.0	23.9		ug/L		96	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	28.1		ug/L		112	61 - 148
1,1-Dichloroethane	25.0	24.7		ug/L		99	77 - 120
1,1-Dichloroethene	25.0	27.4		ug/L		109	66 - 127
1,2,4-Trichlorobenzene	25.0	24.9		ug/L		100	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	22.7		ug/L		91	56 - 134
1,2-Dibromoethane	25.0	25.2		ug/L		101	77 - 120
1,2-Dichlorobenzene	25.0	24.8		ug/L		99	80 - 124

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-490812/5
Matrix: Water
Analysis Batch: 490812

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	25.0	23.6		ug/L		94	75 - 120
1,2-Dichloropropane	25.0	26.3		ug/L		105	76 - 120
1,3-Dichlorobenzene	25.0	24.8		ug/L		99	77 - 120
1,4-Dichlorobenzene	25.0	25.6		ug/L		102	80 - 120
2-Hexanone	125	101		ug/L		81	65 - 127
2-Butanone (MEK)	125	104		ug/L		83	57 - 140
4-Methyl-2-pentanone (MIBK)	125	114		ug/L		91	71 - 125
Acetone	125	100		ug/L		80	56 - 142
Benzene	25.0	25.6		ug/L		102	71 - 124
Bromodichloromethane	25.0	24.6		ug/L		98	80 - 122
Bromoform	25.0	22.0		ug/L		88	61 - 132
Bromomethane	25.0	24.5		ug/L		98	55 - 144
Carbon disulfide	25.0	25.7		ug/L		103	59 - 134
Carbon tetrachloride	25.0	26.9		ug/L		108	72 - 134
Chlorobenzene	25.0	24.4		ug/L		98	80 - 120
Dibromochloromethane	25.0	24.3		ug/L		97	75 - 125
Chloroethane	25.0	23.2		ug/L		93	69 - 136
Chloroform	25.0	24.9		ug/L		99	73 - 127
Chloromethane	25.0	23.0		ug/L		92	68 - 124
cis-1,2-Dichloroethene	25.0	26.8		ug/L		107	74 - 124
cis-1,3-Dichloropropene	25.0	26.0		ug/L		104	74 - 124
Cyclohexane	25.0	26.1		ug/L		104	59 - 135
Dichlorodifluoromethane	25.0	31.9		ug/L		128	59 - 135
Ethylbenzene	25.0	23.9		ug/L		96	77 - 123
Isopropylbenzene	25.0	25.3		ug/L		101	77 - 122
Methyl acetate	50.0	40.7		ug/L		81	74 - 133
Methyl tert-butyl ether	25.0	25.0		ug/L		100	77 - 120
Methylcyclohexane	25.0	27.3		ug/L		109	68 - 134
Methylene Chloride	25.0	24.6		ug/L		98	75 - 124
Styrene	25.0	25.1		ug/L		100	80 - 120
Tetrachloroethene	25.0	25.9		ug/L		103	74 - 122
Toluene	25.0	24.1		ug/L		97	80 - 122
trans-1,2-Dichloroethene	25.0	25.5		ug/L		102	73 - 127
trans-1,3-Dichloropropene	25.0	22.5		ug/L		90	80 - 120
Trichloroethene	25.0	26.7		ug/L		107	74 - 123
Trichlorofluoromethane	25.0	27.5		ug/L		110	62 - 150
Vinyl chloride	25.0	24.4		ug/L		97	65 - 133
m,p-Xylene	25.0	25.5		ug/L		102	76 - 122
o-Xylene	25.0	24.0		ug/L		96	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*
Toluene-d8 (Surr)	*98*		*80 - 120*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-158459-6 MS
Matrix: Water
Analysis Batch: 490812

Client Sample ID: MW-20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		250	280		ug/L		112	73 - 126
1,1,2,2-Tetrachloroethane	ND		250	230		ug/L		92	76 - 120
1,1,2-Trichloroethane	ND		250	249		ug/L		99	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		250	294		ug/L		118	61 - 148
1,1-Dichloroethane	ND		250	246		ug/L		98	77 - 120
1,1-Dichloroethene	ND		250	282		ug/L		113	66 - 127
1,2,4-Trichlorobenzene	ND		250	226		ug/L		91	79 - 122
1,2-Dibromo-3-Chloropropane	ND		250	204		ug/L		82	56 - 134
1,2-Dibromoethane	ND		250	249		ug/L		100	77 - 120
1,2-Dichlorobenzene	ND		250	239		ug/L		96	80 - 124
1,2-Dichloroethane	ND		250	231		ug/L		92	75 - 120
1,2-Dichloropropane	ND		250	260		ug/L		104	76 - 120
1,3-Dichlorobenzene	ND		250	245		ug/L		98	77 - 120
1,4-Dichlorobenzene	ND		250	246		ug/L		99	78 - 124
2-Hexanone	ND		1250	1070		ug/L		85	65 - 127
2-Butanone (MEK)	130		1250	1170		ug/L		83	57 - 140
4-Methyl-2-pentanone (MIBK)	ND		1250	1170		ug/L		93	71 - 125
Acetone	570		1250	1570		ug/L		80	56 - 142
Benzene	ND		250	257		ug/L		103	71 - 124
Bromodichloromethane	ND		250	248		ug/L		99	80 - 122
Bromoform	ND		250	230		ug/L		92	61 - 132
Bromomethane	ND		250	236		ug/L		94	55 - 144
Carbon disulfide	6.0	J	250	269		ug/L		105	59 - 134
Carbon tetrachloride	ND		250	279		ug/L		112	72 - 134
Chlorobenzene	ND		250	253		ug/L		101	80 - 120
Dibromochloromethane	ND		250	243		ug/L		97	75 - 125
Chloroethane	ND		250	227		ug/L		91	69 - 136
Chloroform	ND		250	245		ug/L		98	73 - 127
Chloromethane	ND		250	207		ug/L		83	68 - 124
cis-1,2-Dichloroethene	ND		250	254		ug/L		102	74 - 124
cis-1,3-Dichloropropene	ND		250	241		ug/L		97	74 - 124
Cyclohexane	ND		250	270		ug/L		108	59 - 135
Dichlorodifluoromethane	ND	F1	250	337		ug/L		135	59 - 135
Ethylbenzene	ND		250	249		ug/L		100	77 - 123
Isopropylbenzene	ND		250	245		ug/L		98	77 - 122
Methyl acetate	ND		500	398		ug/L		80	74 - 133
Methyl tert-butyl ether	ND		250	251		ug/L		100	77 - 120
Methylcyclohexane	ND		250	279		ug/L		111	68 - 134
Methylene Chloride	ND		250	250		ug/L		100	75 - 124
Styrene	ND		250	241		ug/L		96	80 - 120
Tetrachloroethene	ND		250	269		ug/L		107	74 - 122
Toluene	9.7	J	250	250		ug/L		96	80 - 122
trans-1,2-Dichloroethene	ND		250	259		ug/L		104	73 - 127
trans-1,3-Dichloropropene	ND		250	215		ug/L		86	80 - 120
Trichloroethene	ND		250	255		ug/L		102	74 - 123
Trichlorofluoromethane	ND		250	295		ug/L		118	62 - 150
Vinyl chloride	ND		250	264		ug/L		106	65 - 133
m,p-Xylene	ND		250	263		ug/L		105	76 - 122

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-158459-6 MS
Matrix: Water
Analysis Batch: 490812

Client Sample ID: MW-20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
o-Xylene	ND		250	246		ug/L		98	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*
Toluene-d8 (Surr)	*97*		*80 - 120*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*

Lab Sample ID: 480-158459-6 MSD
Matrix: Water
Analysis Batch: 490812

Client Sample ID: MW-20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		250	282		ug/L		113	73 - 126	1	15
1,1,2,2-Tetrachloroethane	ND		250	244		ug/L		98	76 - 120	6	15
1,1,2-Trichloroethane	ND		250	244		ug/L		98	76 - 122	2	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		250	309		ug/L		123	61 - 148	5	20
1,1-Dichloroethane	ND		250	252		ug/L		101	77 - 120	2	20
1,1-Dichloroethene	ND		250	297		ug/L		119	66 - 127	5	16
1,2,4-Trichlorobenzene	ND		250	242		ug/L		97	79 - 122	6	20
1,2-Dibromo-3-Chloropropane	ND		250	225		ug/L		90	56 - 134	10	15
1,2-Dibromoethane	ND		250	251		ug/L		100	77 - 120	1	15
1,2-Dichlorobenzene	ND		250	249		ug/L		100	80 - 124	4	20
1,2-Dichloroethane	ND		250	242		ug/L		97	75 - 120	5	20
1,2-Dichloropropane	ND		250	261		ug/L		105	76 - 120	1	20
1,3-Dichlorobenzene	ND		250	254		ug/L		101	77 - 120	4	20
1,4-Dichlorobenzene	ND		250	254		ug/L		102	78 - 124	3	20
2-Hexanone	ND		1250	1070		ug/L		86	65 - 127	0	15
2-Butanone (MEK)	130		1250	1190		ug/L		85	57 - 140	2	20
4-Methyl-2-pentanone (MIBK)	ND		1250	1160		ug/L		93	71 - 125	0	35
Acetone	570		1250	1570		ug/L		80	56 - 142	0	15
Benzene	ND		250	267		ug/L		107	71 - 124	4	13
Bromodichloromethane	ND		250	257		ug/L		103	80 - 122	3	15
Bromoform	ND		250	239		ug/L		95	61 - 132	4	15
Bromomethane	ND		250	241		ug/L		96	55 - 144	2	15
Carbon disulfide	6.0	J	250	281		ug/L		110	59 - 134	4	15
Carbon tetrachloride	ND		250	287		ug/L		115	72 - 134	3	15
Chlorobenzene	ND		250	254		ug/L		102	80 - 120	0	25
Dibromochloromethane	ND		250	255		ug/L		102	75 - 125	5	15
Chloroethane	ND		250	232		ug/L		93	69 - 136	2	15
Chloroform	ND		250	254		ug/L		101	73 - 127	4	20
Chloromethane	ND		250	234		ug/L		94	68 - 124	12	15
cis-1,2-Dichloroethene	ND		250	266		ug/L		107	74 - 124	5	15
cis-1,3-Dichloropropene	ND		250	250		ug/L		100	74 - 124	4	15
Cyclohexane	ND		250	274		ug/L		110	59 - 135	1	20
Dichlorodifluoromethane	ND	F1	250	355	F1	ug/L		142	59 - 135	5	20
Ethylbenzene	ND		250	255		ug/L		102	77 - 123	2	15
Isopropylbenzene	ND		250	257		ug/L		103	77 - 122	5	20
Methyl acetate	ND		500	407		ug/L		81	74 - 133	2	20

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-158459-6 MSD
Client Sample ID: MW-20
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 490812

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	ND		250	255		ug/L		102	77 - 120	2	37
Methylcyclohexane	ND		250	287		ug/L		115	68 - 134	3	20
Methylene Chloride	ND		250	268		ug/L		107	75 - 124	7	15
Styrene	ND		250	244		ug/L		97	80 - 120	1	20
Tetrachloroethene	ND		250	276		ug/L		111	74 - 122	3	20
Toluene	9.7	J	250	251		ug/L		96	80 - 122	0	15
trans-1,2-Dichloroethene	ND		250	260		ug/L		104	73 - 127	0	20
trans-1,3-Dichloropropene	ND		250	214		ug/L		86	80 - 120	0	15
Trichloroethene	ND		250	263		ug/L		105	74 - 123	3	16
Trichlorofluoromethane	ND		250	306		ug/L		122	62 - 150	4	20
Vinyl chloride	ND		250	273		ug/L		109	65 - 133	4	15
m,p-Xylene	ND		250	260		ug/L		104	76 - 122	1	16
o-Xylene	ND		250	244		ug/L		98	76 - 122	1	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*
Toluene-d8 (Surr)	*98*		*80 - 120*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*

Lab Sample ID: MB 480-491014/11
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 491014

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/09/19 22:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/09/19 22:39	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/09/19 22:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/09/19 22:39	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/09/19 22:39	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/09/19 22:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/09/19 22:39	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/09/19 22:39	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/09/19 22:39	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/09/19 22:39	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/09/19 22:39	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/09/19 22:39	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/09/19 22:39	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/09/19 22:39	1
2-Hexanone	ND		5.0	1.2	ug/L			09/09/19 22:39	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/09/19 22:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/09/19 22:39	1
Acetone	ND		10	3.0	ug/L			09/09/19 22:39	1
Benzene	ND		1.0	0.41	ug/L			09/09/19 22:39	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/09/19 22:39	1
Bromoform	ND		1.0	0.26	ug/L			09/09/19 22:39	1
Bromomethane	ND		1.0	0.69	ug/L			09/09/19 22:39	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/09/19 22:39	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/09/19 22:39	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-491014/11
Matrix: Water
Analysis Batch: 491014

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.0	0.75	ug/L			09/09/19 22:39	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/09/19 22:39	1
Chloroethane	ND		1.0	0.32	ug/L			09/09/19 22:39	1
Chloroform	ND		1.0	0.34	ug/L			09/09/19 22:39	1
Chloromethane	ND		1.0	0.35	ug/L			09/09/19 22:39	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/09/19 22:39	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/09/19 22:39	1
Cyclohexane	ND		1.0	0.18	ug/L			09/09/19 22:39	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/09/19 22:39	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/09/19 22:39	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/09/19 22:39	1
Methyl acetate	ND		2.5	1.3	ug/L			09/09/19 22:39	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/09/19 22:39	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/09/19 22:39	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/09/19 22:39	1
Styrene	ND		1.0	0.73	ug/L			09/09/19 22:39	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/09/19 22:39	1
Toluene	ND		1.0	0.51	ug/L			09/09/19 22:39	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/09/19 22:39	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/09/19 22:39	1
Trichloroethene	ND		1.0	0.46	ug/L			09/09/19 22:39	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/09/19 22:39	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/09/19 22:39	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/09/19 22:39	1
m,p-Xylene	ND		2.0	0.66	ug/L			09/09/19 22:39	1
o-Xylene	ND		1.0	0.76	ug/L			09/09/19 22:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*77 - 120*		*09/09/19 22:39*	*1*
Toluene-d8 (Surr)	*87*		*80 - 120*		*09/09/19 22:39*	*1*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*09/09/19 22:39*	*1*

Lab Sample ID: LCS 480-491014/9
Matrix: Water
Analysis Batch: 491014

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	24.6		ug/L		98	73 - 126
1,1,2,2-Tetrachloroethane	25.0	20.8		ug/L		83	76 - 120
1,1,2-Trichloroethane	25.0	22.1		ug/L		88	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.0		ug/L		108	61 - 148
1,1-Dichloroethane	25.0	24.0		ug/L		96	77 - 120
1,1-Dichloroethene	25.0	25.8		ug/L		103	66 - 127
1,2,4-Trichlorobenzene	25.0	25.5		ug/L		102	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	22.1		ug/L		88	56 - 134
1,2-Dibromoethane	25.0	21.7		ug/L		87	77 - 120
1,2-Dichlorobenzene	25.0	23.3		ug/L		93	80 - 124
1,2-Dichloroethane	25.0	21.6		ug/L		87	75 - 120

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-491014/9
Matrix: Water
Analysis Batch: 491014

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	25.0	23.5		ug/L		94	76 - 120
1,3-Dichlorobenzene	25.0	22.8		ug/L		91	77 - 120
1,4-Dichlorobenzene	25.0	22.4		ug/L		89	80 - 120
2-Hexanone	125	115		ug/L		92	65 - 127
2-Butanone (MEK)	125	124		ug/L		99	57 - 140
4-Methyl-2-pentanone (MIBK)	125	113		ug/L		91	71 - 125
Acetone	125	157		ug/L		126	56 - 142
Benzene	25.0	23.3		ug/L		93	71 - 124
Bromodichloromethane	25.0	22.3		ug/L		89	80 - 122
Bromoform	25.0	24.0		ug/L		96	61 - 132
Bromomethane	25.0	26.9		ug/L		108	55 - 144
Carbon disulfide	25.0	25.5		ug/L		102	59 - 134
Carbon tetrachloride	25.0	25.8		ug/L		103	72 - 134
Chlorobenzene	25.0	22.8		ug/L		91	80 - 120
Dibromochloromethane	25.0	22.3		ug/L		89	75 - 125
Chloroethane	25.0	25.6		ug/L		102	69 - 136
Chloroform	25.0	21.9		ug/L		88	73 - 127
Chloromethane	25.0	26.1		ug/L		105	68 - 124
cis-1,2-Dichloroethene	25.0	24.2		ug/L		97	74 - 124
cis-1,3-Dichloropropene	25.0	22.2		ug/L		89	74 - 124
Cyclohexane	25.0	26.7		ug/L		107	59 - 135
Dichlorodifluoromethane	25.0	32.3		ug/L		129	59 - 135
Ethylbenzene	25.0	22.6		ug/L		90	77 - 123
Isopropylbenzene	25.0	22.4		ug/L		90	77 - 122
Methyl acetate	50.0	41.6		ug/L		83	74 - 133
Methyl tert-butyl ether	25.0	23.1		ug/L		92	77 - 120
Methylcyclohexane	25.0	26.3		ug/L		105	68 - 134
Methylene Chloride	25.0	25.2		ug/L		101	75 - 124
Styrene	25.0	23.6		ug/L		95	80 - 120
Tetrachloroethene	25.0	25.4		ug/L		102	74 - 122
Toluene	25.0	22.1		ug/L		89	80 - 122
trans-1,2-Dichloroethene	25.0	24.9		ug/L		100	73 - 127
trans-1,3-Dichloropropene	25.0	20.5		ug/L		82	80 - 120
Trichloroethene	25.0	24.0		ug/L		96	74 - 123
Trichlorofluoromethane	25.0	25.8		ug/L		103	62 - 150
Vinyl chloride	25.0	27.1		ug/L		108	65 - 133
m,p-Xylene	25.0	23.2		ug/L		93	76 - 122
o-Xylene	25.0	23.3		ug/L		93	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*77 - 120*
Toluene-d8 (Surr)	*90*		*80 - 120*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-490165/1-A
Matrix: Water
Analysis Batch: 490564

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 490165

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		09/04/19 15:05	09/06/19 11:26	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/04/19 15:05	09/06/19 11:26	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/04/19 15:05	09/06/19 11:26	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/04/19 15:05	09/06/19 11:26	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/04/19 15:05	09/06/19 11:26	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/04/19 15:05	09/06/19 11:26	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/04/19 15:05	09/06/19 11:26	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/04/19 15:05	09/06/19 11:26	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 11:26	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/04/19 15:05	09/06/19 11:26	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/04/19 15:05	09/06/19 11:26	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/04/19 15:05	09/06/19 11:26	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 11:26	1
2-Nitroaniline	ND		10	0.42	ug/L		09/04/19 15:05	09/06/19 11:26	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/04/19 15:05	09/06/19 11:26	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 11:26	1
3-Nitroaniline	ND		10	0.48	ug/L		09/04/19 15:05	09/06/19 11:26	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/04/19 15:05	09/06/19 11:26	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/04/19 15:05	09/06/19 11:26	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/04/19 15:05	09/06/19 11:26	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/04/19 15:05	09/06/19 11:26	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/04/19 15:05	09/06/19 11:26	1
4-Methylphenol	ND		10	0.36	ug/L		09/04/19 15:05	09/06/19 11:26	1
4-Nitroaniline	ND		10	0.25	ug/L		09/04/19 15:05	09/06/19 11:26	1
4-Nitrophenol	ND		10	1.5	ug/L		09/04/19 15:05	09/06/19 11:26	1
Acenaphthene	ND		5.0	0.41	ug/L		09/04/19 15:05	09/06/19 11:26	1
Acenaphthylene	ND		5.0	0.38	ug/L		09/04/19 15:05	09/06/19 11:26	1
Acetophenone	ND		5.0	0.54	ug/L		09/04/19 15:05	09/06/19 11:26	1
Anthracene	ND		5.0	0.28	ug/L		09/04/19 15:05	09/06/19 11:26	1
Atrazine	ND		5.0	0.46	ug/L		09/04/19 15:05	09/06/19 11:26	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/04/19 15:05	09/06/19 11:26	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		09/04/19 15:05	09/06/19 11:26	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		09/04/19 15:05	09/06/19 11:26	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		09/04/19 15:05	09/06/19 11:26	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		09/04/19 15:05	09/06/19 11:26	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		09/04/19 15:05	09/06/19 11:26	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/04/19 15:05	09/06/19 11:26	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 11:26	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/04/19 15:05	09/06/19 11:26	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/04/19 15:05	09/06/19 11:26	1
Caprolactam	ND		5.0	2.2	ug/L		09/04/19 15:05	09/06/19 11:26	1
Carbazole	ND		5.0	0.30	ug/L		09/04/19 15:05	09/06/19 11:26	1
Chrysene	ND		5.0	0.33	ug/L		09/04/19 15:05	09/06/19 11:26	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		09/04/19 15:05	09/06/19 11:26	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/04/19 15:05	09/06/19 11:26	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/04/19 15:05	09/06/19 11:26	1
Dibenzofuran	ND		10	0.51	ug/L		09/04/19 15:05	09/06/19 11:26	1
Diethyl phthalate	ND		5.0	0.22	ug/L		09/04/19 15:05	09/06/19 11:26	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-490165/1-A
Matrix: Water
Analysis Batch: 490564

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 490165

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/04/19 15:05	09/06/19 11:26	1
Fluoranthene	ND		5.0	0.40	ug/L		09/04/19 15:05	09/06/19 11:26	1
Fluorene	ND		5.0	0.36	ug/L		09/04/19 15:05	09/06/19 11:26	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/04/19 15:05	09/06/19 11:26	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/04/19 15:05	09/06/19 11:26	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/04/19 15:05	09/06/19 11:26	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/04/19 15:05	09/06/19 11:26	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		09/04/19 15:05	09/06/19 11:26	1
Isophorone	ND		5.0	0.43	ug/L		09/04/19 15:05	09/06/19 11:26	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/04/19 15:05	09/06/19 11:26	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/04/19 15:05	09/06/19 11:26	1
Naphthalene	ND		5.0	0.76	ug/L		09/04/19 15:05	09/06/19 11:26	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/04/19 15:05	09/06/19 11:26	1
Pentachlorophenol	ND		10	2.2	ug/L		09/04/19 15:05	09/06/19 11:26	1
Phenanthrene	ND		5.0	0.44	ug/L		09/04/19 15:05	09/06/19 11:26	1
Phenol	ND		5.0	0.39	ug/L		09/04/19 15:05	09/06/19 11:26	1
Pyrene	ND		5.0	0.34	ug/L		09/04/19 15:05	09/06/19 11:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*87*		*41 - 120*	*09/04/19 15:05*	*09/06/19 11:26*	*1*
2-Fluorobiphenyl	*91*		*48 - 120*	*09/04/19 15:05*	*09/06/19 11:26*	*1*
2-Fluorophenol	*57*		*35 - 120*	*09/04/19 15:05*	*09/06/19 11:26*	*1*
Nitrobenzene-d5	*76*		*46 - 120*	*09/04/19 15:05*	*09/06/19 11:26*	*1*
p-Terphenyl-d14	*87*		*60 - 148*	*09/04/19 15:05*	*09/06/19 11:26*	*1*
Phenol-d5	*42*		*22 - 120*	*09/04/19 15:05*	*09/06/19 11:26*	*1*

Lab Sample ID: LCS 480-490165/2-A
Matrix: Water
Analysis Batch: 490564

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 490165

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Biphenyl	32.0	28.0		ug/L		87	59 - 120
bis (2-chloroisopropyl) ether	32.0	18.7		ug/L		58	21 - 136
2,4,5-Trichlorophenol	32.0	30.2		ug/L		95	65 - 126
2,4,6-Trichlorophenol	32.0	30.1		ug/L		94	64 - 120
2,4-Dichlorophenol	32.0	28.6		ug/L		89	63 - 120
2,4-Dimethylphenol	32.0	27.9		ug/L		87	47 - 120
2,4-Dinitrophenol	64.0	49.5		ug/L		77	31 - 137
2,4-Dinitrotoluene	32.0	32.6		ug/L		102	69 - 120
2,6-Dinitrotoluene	32.0	30.9		ug/L		96	68 - 120
2-Chloronaphthalene	32.0	26.7		ug/L		84	58 - 120
2-Chlorophenol	32.0	26.3		ug/L		82	48 - 120
2-Methylnaphthalene	32.0	27.2		ug/L		85	59 - 120
2-Methylphenol	32.0	26.1		ug/L		81	39 - 120
2-Nitroaniline	32.0	28.3		ug/L		88	54 - 127
2-Nitrophenol	32.0	25.7		ug/L		80	52 - 125
3,3'-Dichlorobenzidine	64.0	72.4		ug/L		113	49 - 135
3-Nitroaniline	32.0	29.0		ug/L		91	51 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-490165/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 490564
Prep Batch: 490165

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,6-Dinitro-2-methylphenol	64.0	60.8		ug/L		95	46 - 136
4-Bromophenyl phenyl ether	32.0	30.6		ug/L		96	65 - 120
4-Chloro-3-methylphenol	32.0	28.4		ug/L		89	61 - 123
4-Chloroaniline	32.0	27.3		ug/L		85	30 - 120
4-Chlorophenyl phenyl ether	32.0	30.6		ug/L		96	62 - 120
4-Methylphenol	32.0	25.1		ug/L		78	29 - 131
4-Nitroaniline	32.0	30.2		ug/L		94	65 - 120
4-Nitrophenol	64.0	51.1		ug/L		80	45 - 120
Acenaphthene	32.0	28.4		ug/L		89	60 - 120
Acenaphthylene	32.0	28.2		ug/L		88	63 - 120
Acetophenone	32.0	26.9		ug/L		84	45 - 120
Anthracene	32.0	29.4		ug/L		92	67 - 120
Atrazine	64.0	79.3		ug/L		124	71 - 130
Benzaldehyde	64.0	46.1		ug/L		72	10 - 140
Benzo(a)anthracene	32.0	28.0		ug/L		87	70 - 121
Benzo(a)pyrene	32.0	29.2		ug/L		91	60 - 123
Benzo(b)fluoranthene	32.0	32.3		ug/L		101	66 - 126
Benzo(g,h,i)perylene	32.0	34.0		ug/L		106	66 - 150
Benzo(k)fluoranthene	32.0	32.4		ug/L		101	65 - 124
Bis(2-chloroethoxy)methane	32.0	23.9		ug/L		75	50 - 128
Bis(2-chloroethyl)ether	32.0	22.3		ug/L		70	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	29.1		ug/L		91	63 - 139
Butyl benzyl phthalate	32.0	27.9		ug/L		87	70 - 129
Caprolactam	64.0	21.2		ug/L		33	22 - 120
Carbazole	32.0	29.6		ug/L		92	66 - 123
Chrysene	32.0	28.8		ug/L		90	69 - 120
Di-n-butyl phthalate	32.0	30.5		ug/L		95	69 - 131
Di-n-octyl phthalate	32.0	29.9		ug/L		93	63 - 140
Dibenz(a,h)anthracene	32.0	35.4		ug/L		111	65 - 135
Dibenzofuran	32.0	28.7		ug/L		90	66 - 120
Diethyl phthalate	32.0	32.4		ug/L		101	59 - 127
Dimethyl phthalate	32.0	30.1		ug/L		94	68 - 120
Fluoranthene	32.0	31.7		ug/L		99	69 - 126
Fluorene	32.0	30.3		ug/L		95	66 - 120
Hexachlorobenzene	32.0	33.9		ug/L		106	61 - 120
Hexachlorobutadiene	32.0	26.1		ug/L		82	35 - 120
Hexachlorocyclopentadiene	32.0	24.1		ug/L		75	31 - 120
Hexachloroethane	32.0	23.2		ug/L		73	43 - 120
Indeno(1,2,3-cd)pyrene	32.0	33.8		ug/L		106	69 - 146
Isophorone	32.0	23.7		ug/L		74	55 - 120
N-Nitrosodi-n-propylamine	32.0	24.9		ug/L		78	32 - 140
N-Nitrosodiphenylamine	32.0	29.8		ug/L		93	61 - 120
Naphthalene	32.0	26.5		ug/L		83	57 - 120
Nitrobenzene	32.0	24.7		ug/L		77	53 - 123
Pentachlorophenol	64.0	43.4		ug/L		68	29 - 136
Phenanthrene	32.0	30.7		ug/L		96	68 - 120
Phenol	32.0	15.4		ug/L		48	17 - 120
Pyrene	32.0	28.6		ug/L		89	70 - 125

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-490165/2-A
Matrix: Water
Analysis Batch: 490564

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 490165

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	103		41 - 120
2-Fluorobiphenyl	86		48 - 120
2-Fluorophenol	59		35 - 120
Nitrobenzene-d5	72		46 - 120
p-Terphenyl-d14	90		60 - 148
Phenol-d5	46		22 - 120

Lab Sample ID: 480-158459-3 MS
Matrix: Water
Analysis Batch: 490564

Client Sample ID: MW-11D
Prep Type: Total/NA
Prep Batch: 490165

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Biphenyl	ND	H	32.0	29.1	H	ug/L		91	57 - 120
bis (2-chloroisopropyl) ether	ND	H	32.0	20.6	H	ug/L		64	28 - 121
2,4,5-Trichlorophenol	ND	H	32.0	32.7	H	ug/L		102	65 - 126
2,4,6-Trichlorophenol	ND	H	32.0	32.8	H	ug/L		103	64 - 120
2,4-Dichlorophenol	ND	H	32.0	31.9	H	ug/L		100	48 - 132
2,4-Dimethylphenol	ND	H	32.0	30.6	H	ug/L		96	39 - 130
2,4-Dinitrophenol	ND	H	64.0	53.6	H	ug/L		84	21 - 150
2,4-Dinitrotoluene	ND	H	32.0	32.2	H	ug/L		101	54 - 138
2,6-Dinitrotoluene	ND	H	32.0	32.8	H	ug/L		102	17 - 150
2-Chloronaphthalene	ND	H	32.0	28.4	H	ug/L		89	52 - 124
2-Chlorophenol	ND	H	32.0	27.4	H	ug/L		86	48 - 120
2-Methylnaphthalene	ND	H	32.0	28.9	H	ug/L		90	34 - 140
2-Methylphenol	ND	H	32.0	26.1	H	ug/L		82	46 - 120
2-Nitroaniline	ND	H	32.0	30.3	H	ug/L		95	44 - 136
2-Nitrophenol	ND	H	32.0	28.6	H	ug/L		89	38 - 141
3,3'-Dichlorobenzidine	ND	H	64.0	79.1	H	ug/L		124	10 - 150
3-Nitroaniline	ND	H	32.0	30.8	H	ug/L		96	32 - 150
4,6-Dinitro-2-methylphenol	ND	H	64.0	65.8	H	ug/L		103	38 - 150
4-Bromophenyl phenyl ether	ND	H	32.0	33.7	H	ug/L		105	63 - 126
4-Chloro-3-methylphenol	ND	H	32.0	31.3	H	ug/L		98	64 - 127
4-Chloroaniline	ND	H	32.0	26.7	H	ug/L		83	16 - 124
4-Chlorophenyl phenyl ether	ND	H	32.0	32.5	H	ug/L		102	61 - 120
4-Methylphenol	ND	H	32.0	26.0	H	ug/L		81	36 - 120
4-Nitroaniline	ND	H	32.0	34.0	H	ug/L		106	32 - 150
4-Nitrophenol	ND	H	64.0	59.9	H	ug/L		94	23 - 132
Acenaphthene	ND	H	32.0	29.1	H	ug/L		91	48 - 120
Acenaphthylene	ND	H	32.0	29.5	H	ug/L		92	63 - 120
Acetophenone	ND	H	32.0	27.3	H	ug/L		85	53 - 120
Anthracene	ND	H	32.0	30.8	H	ug/L		96	65 - 122
Atrazine	ND	H	64.0	80.5	H	ug/L		126	50 - 150
Benzaldehyde	ND	H	64.0	47.9	H	ug/L		75	10 - 150
Benzo(a)anthracene	ND	H	32.0	28.6	H	ug/L		89	43 - 124
Benzo(a)pyrene	ND	H	32.0	29.0	H	ug/L		91	23 - 125
Benzo(b)fluoranthene	ND	H	32.0	30.9	H	ug/L		97	27 - 127
Benzo(g,h,i)perylene	ND	H	32.0	32.6	H	ug/L		102	16 - 147
Benzo(k)fluoranthene	ND	H	32.0	31.2	H	ug/L		97	20 - 124

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-158459-3 MS
Matrix: Water
Analysis Batch: 490564

Client Sample ID: MW-11D
Prep Type: Total/NA
Prep Batch: 490165

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bis(2-chloroethoxy)methane	ND	H	32.0	24.8	H	ug/L		77	44 - 128
Bis(2-chloroethyl)ether	ND	H	32.0	22.9	H	ug/L		72	45 - 120
Bis(2-ethylhexyl) phthalate	ND	H	32.0	27.7	H	ug/L		87	16 - 150
Butyl benzyl phthalate	ND	H	32.0	27.5	H	ug/L		86	51 - 140
Caprolactam	ND	H	64.0	20.6	H	ug/L		32	10 - 120
Carbazole	ND	H	32.0	30.5	H	ug/L		95	16 - 148
Chrysene	ND	H	32.0	28.1	H	ug/L		88	44 - 122
Di-n-butyl phthalate	ND	H	32.0	31.9	H	ug/L		100	65 - 129
Di-n-octyl phthalate	ND	H	32.0	28.4	H	ug/L		89	16 - 150
Dibenz(a,h)anthracene	ND	H	32.0	34.0	H	ug/L		106	16 - 139
Dibenzofuran	ND	H	32.0	30.7	H	ug/L		96	60 - 120
Diethyl phthalate	ND	H	32.0	34.9	H	ug/L		109	53 - 133
Dimethyl phthalate	ND	H	32.0	33.1	H	ug/L		103	59 - 123
Fluoranthene	ND	H	32.0	33.8	H	ug/L		106	63 - 129
Fluorene	ND	H	32.0	31.4	H	ug/L		98	62 - 120
Hexachlorobenzene	ND	H	32.0	36.8	H	ug/L		115	57 - 121
Hexachlorobutadiene	ND	H	32.0	26.7	H	ug/L		83	37 - 120
Hexachlorocyclopentadiene	ND	H	32.0	25.2	H	ug/L		79	21 - 120
Hexachloroethane	ND	H	32.0	22.7	H	ug/L		71	16 - 130
Indeno(1,2,3-cd)pyrene	ND	H	32.0	32.9	H	ug/L		103	16 - 140
Isophorone	ND	H	32.0	25.7	H	ug/L		80	48 - 133
N-Nitrosodi-n-propylamine	ND	H	32.0	25.1	H	ug/L		78	49 - 120
N-Nitrosodiphenylamine	ND	H	32.0	32.5	H	ug/L		101	39 - 138
Naphthalene	ND	H	32.0	28.0	H	ug/L		88	45 - 120
Nitrobenzene	ND	H	32.0	26.9	H	ug/L		84	45 - 123
Pentachlorophenol	ND	H	64.0	47.8	H	ug/L		75	23 - 149
Phenanthrene	ND	H	32.0	33.6	H	ug/L		105	65 - 122
Phenol	ND	H	32.0	15.9	H	ug/L		50	16 - 120
Pyrene	ND	H	32.0	28.9	H	ug/L		90	58 - 128

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*110*		*41 - 120*
2-Fluorobiphenyl	*92*		*48 - 120*
2-Fluorophenol	*63*		*35 - 120*
Nitrobenzene-d5	*75*		*46 - 120*
p-Terphenyl-d14	*83*		*60 - 148*
Phenol-d5	*47*		*22 - 120*

Lab Sample ID: 480-158459-3 MSD
Matrix: Water
Analysis Batch: 490564

Client Sample ID: MW-11D
Prep Type: Total/NA
Prep Batch: 490165

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Biphenyl	ND	H	32.0	29.3	H	ug/L		92	57 - 120	1	20
bis (2-chloroisopropyl) ether	ND	H	32.0	21.2	H	ug/L		66	28 - 121	3	24
2,4,5-Trichlorophenol	ND	H	32.0	33.3	H	ug/L		104	65 - 126	2	18
2,4,6-Trichlorophenol	ND	H	32.0	32.3	H	ug/L		101	64 - 120	2	19
2,4-Dichlorophenol	ND	H	32.0	33.3	H	ug/L		104	48 - 132	4	19

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-158459-3 MSD
Client Sample ID: MW-11D
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 490564
Prep Batch: 490165

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4-Dimethylphenol	ND	H	32.0	31.7	H	ug/L		99	39 - 130	3	42
2,4-Dinitrophenol	ND	H	64.0	54.5	H	ug/L		85	21 - 150	2	22
2,4-Dinitrotoluene	ND	H	32.0	32.5	H	ug/L		102	54 - 138	1	20
2,6-Dinitrotoluene	ND	H	32.0	33.3	H	ug/L		104	17 - 150	2	15
2-Chloronaphthalene	ND	H	32.0	29.4	H	ug/L		92	52 - 124	3	21
2-Chlorophenol	ND	H	32.0	28.0	H	ug/L		87	48 - 120	2	25
2-Methylnaphthalene	ND	H	32.0	30.4	H	ug/L		95	34 - 140	5	21
2-Methylphenol	ND	H	32.0	27.8	H	ug/L		87	46 - 120	6	27
2-Nitroaniline	ND	H	32.0	30.7	H	ug/L		96	44 - 136	1	15
2-Nitrophenol	ND	H	32.0	29.0	H	ug/L		91	38 - 141	2	18
3,3'-Dichlorobenzidine	ND	H	64.0	82.1	H	ug/L		128	10 - 150	4	25
3-Nitroaniline	ND	H	32.0	32.0	H	ug/L		100	32 - 150	4	19
4,6-Dinitro-2-methylphenol	ND	H	64.0	66.9	H	ug/L		105	38 - 150	2	15
4-Bromophenyl phenyl ether	ND	H	32.0	34.2	H	ug/L		107	63 - 126	2	15
4-Chloro-3-methylphenol	ND	H	32.0	32.3	H	ug/L		101	64 - 127	3	27
4-Chloroaniline	ND	H	32.0	28.3	H	ug/L		88	16 - 124	6	22
4-Chlorophenyl phenyl ether	ND	H	32.0	33.0	H	ug/L		103	61 - 120	1	16
4-Methylphenol	ND	H	32.0	27.1	H	ug/L		85	36 - 120	4	24
4-Nitroaniline	ND	H	32.0	31.4	H	ug/L		98	32 - 150	8	24
4-Nitrophenol	ND	H	64.0	57.1	H	ug/L		89	23 - 132	5	48
Acenaphthene	ND	H	32.0	30.6	H	ug/L		96	48 - 120	5	24
Acenaphthylene	ND	H	32.0	30.5	H	ug/L		95	63 - 120	3	18
Acetophenone	ND	H	32.0	29.0	H	ug/L		90	53 - 120	6	20
Anthracene	ND	H	32.0	31.5	H	ug/L		99	65 - 122	2	15
Atrazine	ND	H	64.0	83.5	H	ug/L		130	50 - 150	4	20
Benzaldehyde	ND	H	64.0	50.7	H	ug/L		79	10 - 150	6	20
Benzo(a)anthracene	ND	H	32.0	29.7	H	ug/L		93	43 - 124	4	15
Benzo(a)pyrene	ND	H	32.0	30.0	H	ug/L		94	23 - 125	3	15
Benzo(b)fluoranthene	ND	H	32.0	31.7	H	ug/L		99	27 - 127	2	15
Benzo(g,h,i)perylene	ND	H	32.0	33.0	H	ug/L		103	16 - 147	1	15
Benzo(k)fluoranthene	ND	H	32.0	32.7	H	ug/L		102	20 - 124	5	22
Bis(2-chloroethoxy)methane	ND	H	32.0	26.1	H	ug/L		81	44 - 128	5	17
Bis(2-chloroethyl)ether	ND	H	32.0	24.0	H	ug/L		75	45 - 120	5	21
Bis(2-ethylhexyl) phthalate	ND	H	32.0	29.3	H	ug/L		92	16 - 150	6	15
Butyl benzyl phthalate	ND	H	32.0	29.3	H	ug/L		92	51 - 140	6	16
Caprolactam	ND	H	64.0	20.6	H	ug/L		32	10 - 120	0	20
Carbazole	ND	H	32.0	32.8	H	ug/L		102	16 - 148	7	20
Chrysene	ND	H	32.0	30.0	H	ug/L		94	44 - 122	7	15
Di-n-butyl phthalate	ND	H	32.0	31.8	H	ug/L		100	65 - 129	0	15
Di-n-octyl phthalate	ND	H	32.0	30.2	H	ug/L		94	16 - 150	6	16
Dibenz(a,h)anthracene	ND	H	32.0	34.8	H	ug/L		109	16 - 139	3	15
Dibenzofuran	ND	H	32.0	30.7	H	ug/L		96	60 - 120	0	15
Diethyl phthalate	ND	H	32.0	34.7	H	ug/L		109	53 - 133	0	15
Dimethyl phthalate	ND	H	32.0	32.6	H	ug/L		102	59 - 123	1	15
Fluoranthene	ND	H	32.0	34.4	H	ug/L		107	63 - 129	2	15
Fluorene	ND	H	32.0	32.1	H	ug/L		100	62 - 120	2	15
Hexachlorobenzene	ND	H	32.0	37.2	H	ug/L		116	57 - 121	1	15
Hexachlorobutadiene	ND	H	32.0	28.3	H	ug/L		88	37 - 120	6	44
Hexachlorocyclopentadiene	ND	H	32.0	26.6	H	ug/L		83	21 - 120	5	49

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-158459-3 MSD — **Client Sample ID: MW-11D**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 490564 — **Prep Batch: 490165**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hexachloroethane	ND	H	32.0	24.8	H	ug/L		77	16 - 130	9	46
Indeno(1,2,3-cd)pyrene	ND	H	32.0	34.1	H	ug/L		106	16 - 140	3	15
Isophorone	ND	H	32.0	26.6	H	ug/L		83	48 - 133	4	17
N-Nitrosodi-n-propylamine	ND	H	32.0	26.3	H	ug/L		82	49 - 120	4	31
N-Nitrosodiphenylamine	ND	H	32.0	32.0	H	ug/L		100	39 - 138	1	15
Naphthalene	ND	H	32.0	29.3	H	ug/L		92	45 - 120	4	29
Nitrobenzene	ND	H	32.0	28.2	H	ug/L		88	45 - 123	5	24
Pentachlorophenol	ND	H	64.0	45.1	H	ug/L		70	23 - 149	6	37
Phenanthrene	ND	H	32.0	33.7	H	ug/L		105	65 - 122	0	15
Phenol	ND	H	32.0	16.6	H	ug/L		52	16 - 120	4	34
Pyrene	ND	H	32.0	30.2	H	ug/L		94	58 - 128	5	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*111*		*41 - 120*
2-Fluorobiphenyl	*93*		*48 - 120*
2-Fluorophenol	*62*		*35 - 120*
Nitrobenzene-d5	*78*		*46 - 120*
p-Terphenyl-d14	*86*		*60 - 148*
Phenol-d5	*48*		*22 - 120*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 480-490012/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 490589 — **Prep Batch: 490012**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.20	0.10	ug/L		09/04/19 07:35	09/06/19 12:55	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*29*		*15 - 110*	*09/04/19 07:35*	*09/06/19 12:55*	*1*

Lab Sample ID: LCS 480-490012/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 490589 — **Prep Batch: 490012**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			1.00	1.19		ug/L		119	40 - 140		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*27*		*15 - 110*

Lab Sample ID: 480-158459-3 MS — **Client Sample ID: MW-11D**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 490589 — **Prep Batch: 490012**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	ND	H	4.00	4.63	H	ug/L		116	40 - 140		

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution) (Continued)

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
1,4-Dioxane-d8	59		15 - 110

Lab Sample ID: 480-158459-3 MSD — **Client Sample ID: MW-11D**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 490589 — **Prep Batch: 490012**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	ND	H	4.00	4.65	H	ug/L		116	40 - 140	1	20

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
1,4-Dioxane-d8	56		15 - 110

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 480-490025/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 490257 — **Prep Batch: 490025**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		09/04/19 07:51	09/05/19 10:39	1
4,4'-DDE	ND		0.050	0.012	ug/L		09/04/19 07:51	09/05/19 10:39	1
4,4'-DDT	ND		0.050	0.011	ug/L		09/04/19 07:51	09/05/19 10:39	1
Aldrin	ND		0.050	0.0081	ug/L		09/04/19 07:51	09/05/19 10:39	1
alpha-BHC	ND		0.050	0.0077	ug/L		09/04/19 07:51	09/05/19 10:39	1
cis-Chlordane	ND		0.050	0.015	ug/L		09/04/19 07:51	09/05/19 10:39	1
beta-BHC	ND		0.050	0.025	ug/L		09/04/19 07:51	09/05/19 10:39	1
delta-BHC	0.0102	J	0.050	0.010	ug/L		09/04/19 07:51	09/05/19 10:39	1
Dieldrin	ND		0.050	0.0098	ug/L		09/04/19 07:51	09/05/19 10:39	1
Endosulfan I	ND		0.050	0.011	ug/L		09/04/19 07:51	09/05/19 10:39	1
Endosulfan II	ND		0.050	0.012	ug/L		09/04/19 07:51	09/05/19 10:39	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		09/04/19 07:51	09/05/19 10:39	1
Endrin	ND		0.050	0.014	ug/L		09/04/19 07:51	09/05/19 10:39	1
Endrin aldehyde	0.0188	J	0.050	0.016	ug/L		09/04/19 07:51	09/05/19 10:39	1
Endrin ketone	ND		0.050	0.012	ug/L		09/04/19 07:51	09/05/19 10:39	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		09/04/19 07:51	09/05/19 10:39	1
trans-Chlordane	ND		0.050	0.011	ug/L		09/04/19 07:51	09/05/19 10:39	1
Heptachlor	ND		0.050	0.0085	ug/L		09/04/19 07:51	09/05/19 10:39	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		09/04/19 07:51	09/05/19 10:39	1
Methoxychlor	ND		0.050	0.014	ug/L		09/04/19 07:51	09/05/19 10:39	1
Toxaphene	ND		0.50	0.12	ug/L		09/04/19 07:51	09/05/19 10:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	55		20 - 120	09/04/19 07:51	09/05/19 10:39	1
Tetrachloro-m-xylene	90		44 - 120	09/04/19 07:51	09/05/19 10:39	1

Lab Sample ID: LCS 480-490025/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 490257 — **Prep Batch: 490025**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	0.400	0.503		ug/L		126	64 - 129

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 480-490025/2-A
Matrix: Water
Analysis Batch: 490257

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 490025

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDE	0.400	0.436		ug/L		109	50 - 120
4,4'-DDT	0.400	0.492	*	ug/L		123	59 - 120
Aldrin	0.400	0.371		ug/L		93	40 - 125
alpha-BHC	0.400	0.375		ug/L		94	52 - 125
cis-Chlordane	0.400	0.424		ug/L		106	52 - 120
beta-BHC	0.400	0.460		ug/L		115	51 - 120
delta-BHC	0.400	0.407		ug/L		102	51 - 120
Dieldrin	0.400	0.447		ug/L		112	66 - 128
Endosulfan I	0.400	0.410		ug/L		103	57 - 120
Endosulfan II	0.400	0.450		ug/L		112	66 - 131
Endosulfan sulfate	0.400	0.553	*	ug/L		138	66 - 136
Endrin	0.400	0.502		ug/L		125	65 - 135
Endrin aldehyde	0.400	0.354		ug/L		89	61 - 134
Endrin ketone	0.400	0.482		ug/L		121	71 - 133
gamma-BHC (Lindane)	0.400	0.437		ug/L		109	56 - 120
trans-Chlordane	0.400	0.435		ug/L		109	54 - 120
Heptachlor	0.400	0.430		ug/L		107	58 - 120
Heptachlor epoxide	0.400	0.484		ug/L		121	65 - 125
Methoxychlor	0.400	0.417		ug/L		104	50 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*44*		*20 - 120*
Tetrachloro-m-xylene	*89*		*44 - 120*

Lab Sample ID: 480-158459-3 MS
Matrix: Water
Analysis Batch: 490257

Client Sample ID: MW-11D
Prep Type: Total/NA
Prep Batch: 490025

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	ND	H	0.400	0.479	H	ug/L		120	57 - 130
4,4'-DDE	ND	H	0.400	0.410	H	ug/L		103	39 - 120
4,4'-DDT	ND	H *	0.400	0.459	H	ug/L		115	37 - 130
Aldrin	ND	H	0.400	0.357	H	ug/L		89	39 - 125
alpha-BHC	0.0093	J H	0.400	0.366	H	ug/L		89	48 - 120
cis-Chlordane	ND	H	0.400	0.403	H	ug/L		101	44 - 120
beta-BHC	ND	H	0.400	0.428	H	ug/L		107	49 - 120
delta-BHC	0.010	J H B	0.400	0.400	H	ug/L		97	50 - 120
Dieldrin	ND	H	0.400	0.428	H	ug/L		107	56 - 130
Endosulfan I	ND	H	0.400	0.401	H	ug/L		100	40 - 126
Endosulfan II	ND	H	0.400	0.430	H	ug/L		107	59 - 140
Endosulfan sulfate	ND	H *	0.400	0.505	H	ug/L		126	60 - 134
Endrin	ND	H	0.400	0.489	H	ug/L		122	54 - 135
Endrin aldehyde	ND	H	0.400	0.337	H	ug/L		84	50 - 142
Endrin ketone	ND	H	0.400	0.459	H	ug/L		115	57 - 138
gamma-BHC (Lindane)	ND	H	0.400	0.425	H	ug/L		106	50 - 120
trans-Chlordane	ND	H	0.400	0.426	H	ug/L		107	42 - 120
Heptachlor	ND	H	0.400	0.423	H	ug/L		106	56 - 120
Heptachlor epoxide	ND	H	0.400	0.471	H	ug/L		118	58 - 125

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 480-158459-3 MS
Matrix: Water
Analysis Batch: 490257

Client Sample ID: MW-11D
Prep Type: Total/NA
Prep Batch: 490025

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Methoxychlor	ND	H	0.400	0.412	H	ug/L		103	40 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*52*		*20 - 120*
Tetrachloro-m-xylene	*81*		*44 - 120*

Lab Sample ID: 480-158459-3 MSD
Matrix: Water
Analysis Batch: 490257

Client Sample ID: MW-11D
Prep Type: Total/NA
Prep Batch: 490025

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDD	ND	H	0.400	0.464	H	ug/L		116	57 - 130	3	23
4,4'-DDE	ND	H	0.400	0.442	H	ug/L		111	39 - 120	7	22
4,4'-DDT	ND	H *	0.400	0.489	H	ug/L		122	37 - 130	6	24
Aldrin	ND	H	0.400	0.387	H	ug/L		97	39 - 125	8	25
alpha-BHC	0.0093	J H	0.400	0.389	H	ug/L		95	48 - 120	6	24
cis-Chlordane	ND	H	0.400	0.420	H	ug/L		105	44 - 120	4	23
beta-BHC	ND	H	0.400	0.466	H	ug/L		116	49 - 120	8	24
delta-BHC	0.010	J H B	0.400	0.435	H	ug/L		106	50 - 120	9	24
Dieldrin	ND	H	0.400	0.457	H	ug/L		114	56 - 130	6	24
Endosulfan I	ND	H	0.400	0.441	H	ug/L		110	40 - 126	10	30
Endosulfan II	ND	H	0.400	0.465	H	ug/L		116	59 - 140	8	40
Endosulfan sulfate	ND	H *	0.400	0.535	H	ug/L		134	60 - 134	6	24
Endrin	ND	H	0.400	0.523	H	ug/L		131	54 - 135	7	24
Endrin aldehyde	ND	H	0.400	0.360	H	ug/L		90	50 - 142	7	28
Endrin ketone	ND	H	0.400	0.488	H	ug/L		122	57 - 138	6	26
gamma-BHC (Lindane)	ND	H	0.400	0.450	H	ug/L		112	50 - 120	6	24
trans-Chlordane	ND	H	0.400	0.449	H	ug/L		112	42 - 120	5	24
Heptachlor	ND	H	0.400	0.446	H	ug/L		112	56 - 120	5	25
Heptachlor epoxide	ND	H	0.400	0.490	H	ug/L		123	58 - 125	4	23
Methoxychlor	ND	H	0.400	0.442	H	ug/L		111	40 - 150	7	26

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*60*		*20 - 120*
Tetrachloro-m-xylene	*90*		*44 - 120*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-490869/1-A
Matrix: Water
Analysis Batch: 491225

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 490869

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 20:50	1
PCB-1221	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 20:50	1
PCB-1232	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 20:50	1
PCB-1242	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 20:50	1
PCB-1248	ND		0.50	0.18	ug/L		09/09/19 08:22	09/10/19 20:50	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 480-490869/1-A
Matrix: Water
Analysis Batch: 491225

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 490869

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1254	ND		0.50	0.25	ug/L		09/09/19 08:22	09/10/19 20:50	1
PCB-1260	ND		0.50	0.25	ug/L		09/09/19 08:22	09/10/19 20:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*33*		*19 - 120*	*09/09/19 08:22*	*09/10/19 20:50*	*1*
Tetrachloro-m-xylene	*76*		*39 - 121*	*09/09/19 08:22*	*09/10/19 20:50*	*1*

Lab Sample ID: LCS 480-490869/2-A
Matrix: Water
Analysis Batch: 491225

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 490869

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	4.00	4.10		ug/L		103	62 - 130
PCB-1260	4.00	2.77		ug/L		69	56 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*21*		*19 - 120*
Tetrachloro-m-xylene	*81*		*39 - 121*

Lab Sample ID: 480-158459-3 MS
Matrix: Water
Analysis Batch: 491225

Client Sample ID: MW-11D
Prep Type: Total/NA
Prep Batch: 490869

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		4.00	4.26		ug/L		106	28 - 150
PCB-1260	ND		4.00	3.03		ug/L		76	25 - 131

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*35*		*19 - 120*
Tetrachloro-m-xylene	*81*		*39 - 121*

Lab Sample ID: 480-158459-3 MSD
Matrix: Water
Analysis Batch: 491225

Client Sample ID: MW-11D
Prep Type: Total/NA
Prep Batch: 490869

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		4.00	4.38		ug/L		109	28 - 150	3	50
PCB-1260	ND		4.00	3.00		ug/L		75	25 - 131	1	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*36*		*19 - 120*
Tetrachloro-m-xylene	*84*		*39 - 121*

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 200-147028/1-A
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 147100
Prep Batch: 147028

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		2.0	1.0	ng/L		09/06/19 10:07	09/09/19 22:06	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	0.63	ng/L		09/06/19 10:07	09/09/19 22:06	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	0.76	ng/L		09/06/19 10:07	09/09/19 22:06	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.91	ng/L		09/06/19 10:07	09/09/19 22:06	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.81	ng/L		09/06/19 10:07	09/09/19 22:06	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.27	ng/L		09/06/19 10:07	09/09/19 22:06	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.77	ng/L		09/06/19 10:07	09/09/19 22:06	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	0.78	ng/L		09/06/19 10:07	09/09/19 22:06	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.59	ng/L		09/06/19 10:07	09/09/19 22:06	1
Perfluorotridecanoic acid (PFTriA)	ND		2.0	0.60	ng/L		09/06/19 10:07	09/09/19 22:06	1
Perfluorotetradecanoic acid (PFTeA)	ND		2.0	0.92	ng/L		09/06/19 10:07	09/09/19 22:06	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.49	ng/L		09/06/19 10:07	09/09/19 22:06	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.80	ng/L		09/06/19 10:07	09/09/19 22:06	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		2.0	0.95	ng/L		09/06/19 10:07	09/09/19 22:06	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.90	ng/L		09/06/19 10:07	09/09/19 22:06	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	0.61	ng/L		09/06/19 10:07	09/09/19 22:06	1
Perfluorooctanesulfonamide (FOSA)	ND		10	10	ng/L		09/06/19 10:07	09/09/19 22:06	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		20	1.7	ng/L		09/06/19 10:07	09/09/19 22:06	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		20	1.5	ng/L		09/06/19 10:07	09/09/19 22:06	1
6:2 FTS	ND		20	5.5	ng/L		09/06/19 10:07	09/09/19 22:06	1
8:2 FTS	ND		20	2.9	ng/L		09/06/19 10:07	09/09/19 22:06	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*68*		*25 - 150*	*09/06/19 10:07*	*09/09/19 22:06*	*1*
13C4 PFBA	*100*		*25 - 150*	*09/06/19 10:07*	*09/09/19 22:06*	*1*
13C5-PFPeA DNU	*95*		*25 - 150*	*09/06/19 10:07*	*09/09/19 22:06*	*1*
13C2 PFHxA	*106*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:06*	*1*
13C4 PFHpA	*111*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:06*	*1*
13C4 PFOA	*107*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:06*	*1*
13C5 PFNA	*95*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:06*	*1*
13C2 PFDA	*110*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:06*	*1*
13C2 PFUnA	*102*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:06*	*1*
13C2 PFDoA	*104*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:06*	*1*
13C2 PFTeDA	*96*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:06*	*1*
18O2 PFHxS	*122*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:06*	*1*
13C4 PFOS	*105*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:06*	*1*
d3-NMeFOSAA	*102*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:06*	*1*
d5-NEtFOSAA	*99*		*50 - 150*	*09/06/19 10:07*	*09/09/19 22:06*	*1*
M2-6:2 FTS	*113*		*25 - 150*	*09/06/19 10:07*	*09/09/19 22:06*	*1*
M2-8:2 FTS	*110*		*25 - 150*	*09/06/19 10:07*	*09/09/19 22:06*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 200-147028/2-A
Matrix: Water
Analysis Batch: 147100

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 147028

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorobutanoic acid (PFBA)	40.0	46.9		ng/L		117	50 - 150
Perfluoropentanoic acid (PFPeA)	40.0	50.8		ng/L		127	50 - 150
Perfluorohexanoic acid (PFHxA)	40.0	44.4		ng/L		111	70 - 130
Perfluoroheptanoic acid (PFHpA)	40.0	49.9		ng/L		125	70 - 130
Perfluorooctanoic acid (PFOA)	40.0	43.1		ng/L		108	70 - 130
Perfluorononanoic acid (PFNA)	40.0	51.6		ng/L		129	70 - 130
Perfluorodecanoic acid (PFDA)	40.0	47.7		ng/L		119	70 - 130
Perfluoroundecanoic acid (PFUnA)	40.0	46.9		ng/L		117	70 - 130
Perfluorododecanoic acid (PFDoA)	40.0	39.9		ng/L		100	70 - 130
Perfluorotridecanoic acid (PFTriA)	40.0	46.7		ng/L		117	70 - 130
Perfluorotetradecanoic acid (PFTeA)	40.0	47.4		ng/L		119	70 - 130
Perfluorobutanesulfonic acid (PFBS)	35.4	36.3		ng/L		103	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	36.4	37.5		ng/L		103	70 - 130
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	46.6		ng/L		122	50 - 150
Perfluorodecanesulfonic acid (PFDS)	38.6	41.8		ng/L		108	50 - 150
Perfluorooctanesulfonic acid (PFOS)	37.1	49.2	*	ng/L		132	70 - 130
Perfluorooctanesulfonamide (FOSA)	40.0	50.4		ng/L		126	50 - 150
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	52.1		ng/L		130	70 - 130
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	60.9	*	ng/L		152	70 - 130
6:2 FTS	37.9	42.7		ng/L		113	50 - 150
8:2 FTS	38.3	45.2		ng/L		118	50 - 150

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C8 FOSA	*56*		*25 - 150*
13C4 PFBA	*109*		*25 - 150*
13C5-PFPeA DNU	*104*		*25 - 150*
13C2 PFHxA	*116*		*50 - 150*
13C4 PFHpA	*114*		*50 - 150*
13C4 PFOA	*119*		*50 - 150*
13C5 PFNA	*105*		*50 - 150*
13C2 PFDA	*118*		*50 - 150*
13C2 PFUnA	*110*		*50 - 150*
13C2 PFDoA	*105*		*50 - 150*
13C2 PFTeDA	*95*		*50 - 150*
18O2 PFHxS	*134*		*50 - 150*
13C4 PFOS	*114*		*50 - 150*
d3-NMeFOSAA	*113*		*50 - 150*
d5-NEtFOSAA	*91*		*50 - 150*
M2-6:2 FTS	*121*		*25 - 150*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 200-147028/2-A
Matrix: Water
Analysis Batch: 147100

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 147028

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
M2-8:2 FTS	115		25 - 150

Lab Sample ID: 480-158459-3 MS
Matrix: Water
Analysis Batch: 147100

Client Sample ID: MW-11D
Prep Type: Total/NA
Prep Batch: 147028

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorobutanoic acid (PFBA)	3.5		33.8	43.3		ng/L		118	40 - 160
Perfluoropentanoic acid (PFPeA)	0.66	J	33.8	43.8		ng/L		128	40 - 160
Perfluorohexanoic acid (PFHxA)	3.4		33.8	39.2		ng/L		106	40 - 160
Perfluoroheptanoic acid (PFHpA)	ND		33.8	44.5		ng/L		132	40 - 160
Perfluorooctanoic acid (PFOA)	ND		33.8	36.9		ng/L		109	40 - 160
Perfluorononanoic acid (PFNA)	ND		33.8	42.6		ng/L		126	40 - 160
Perfluorodecanoic acid (PFDA)	ND		33.8	41.2		ng/L		122	40 - 160
Perfluoroundecanoic acid (PFUnA)	ND		33.8	42.4		ng/L		126	40 - 160
Perfluorododecanoic acid (PFDoA)	ND		33.8	38.0		ng/L		112	40 - 160
Perfluorotridecanoic acid (PFTriA)	ND		33.8	43.5		ng/L		129	40 - 160
Perfluorotetradecanoic acid (PFTeA)	ND		33.8	40.3		ng/L		119	40 - 160
Perfluorobutanesulfonic acid (PFBS)	ND		29.9	32.3		ng/L		108	40 - 160
Perfluorohexanesulfonic acid (PFHxS)	ND		30.7	31.6		ng/L		103	40 - 160
Perfluoroheptanesulfonic Acid (PFHpS)	ND		32.2	43.4		ng/L		135	40 - 160
Perfluorodecanesulfonic acid (PFDS)	ND		32.6	35.0		ng/L		108	40 - 160
Perfluorooctanesulfonic acid (PFOS)	ND	*	31.3	41.7		ng/L		133	40 - 160
Perfluorooctanesulfonamide (FOSA)	ND		33.8	44.3		ng/L		131	40 - 160
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		33.8	41.1		ng/L		122	40 - 160
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND	*	33.8	50.8		ng/L		150	40 - 160
6:2 FTS	ND		32.0	36.6		ng/L		114	40 - 160
8:2 FTS	ND		32.4	38.7		ng/L		120	40 - 160

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C8 FOSA	78		25 - 150
13C4 PFBA	86		25 - 150
13C5-PFPeA DNU	91		25 - 150
13C2 PFHxA	107		50 - 150
13C4 PFHpA	98		50 - 150
13C4 PFOA	107		50 - 150
13C5 PFNA	93		50 - 150
13C2 PFDA	95		50 - 150
13C2 PFUnA	88		50 - 150
13C2 PFDoA	90		50 - 150

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 480-158459-3 MS
Matrix: Water
Analysis Batch: 147100

Client Sample ID: MW-11D
Prep Type: Total/NA
Prep Batch: 147028

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C2 PFTeDA	90		50 - 150
18O2 PFHxS	118		50 - 150
13C4 PFOS	97		50 - 150
d3-NMeFOSAA	97		50 - 150
d5-NEtFOSAA	82		50 - 150
M2-6:2 FTS	106		25 - 150
M2-8:2 FTS	95		25 - 150

Lab Sample ID: 480-158459-3 MSD
Matrix: Water
Analysis Batch: 147100

Client Sample ID: MW-11D
Prep Type: Total/NA
Prep Batch: 147028

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	3.5		34.3	44.1		ng/L		118	40 - 160	2	30
Perfluoropentanoic acid (PFPeA)	0.66	J	34.3	42.6		ng/L		122	40 - 160	3	30
Perfluorohexanoic acid (PFHxA)	3.4		34.3	39.9		ng/L		106	40 - 160	2	20
Perfluoroheptanoic acid (PFHpA)	ND		34.3	42.2		ng/L		123	40 - 160	5	20
Perfluorooctanoic acid (PFOA)	ND		34.3	37.5		ng/L		109	40 - 160	2	20
Perfluorononanoic acid (PFNA)	ND		34.3	43.8		ng/L		128	40 - 160	3	20
Perfluorodecanoic acid (PFDA)	ND		34.3	39.2		ng/L		114	40 - 160	5	20
Perfluoroundecanoic acid (PFUnA)	ND		34.3	40.4		ng/L		118	40 - 160	5	20
Perfluorododecanoic acid (PFDoA)	ND		34.3	38.9		ng/L		113	40 - 160	2	20
Perfluorotridecanoic acid (PFTriA)	ND		34.3	42.0		ng/L		122	40 - 160	4	20
Perfluorotetradecanoic acid (PFTeA)	ND		34.3	41.5		ng/L		121	40 - 160	3	20
Perfluorobutanesulfonic acid (PFBS)	ND		30.3	30.9		ng/L		102	40 - 160	4	20
Perfluorohexanesulfonic acid (PFHxS)	ND		31.2	32.3		ng/L		103	40 - 160	2	20
Perfluoroheptanesulfonic Acid (PFHpS)	ND		32.7	41.6		ng/L		127	40 - 160	4	30
Perfluorodecanesulfonic acid (PFDS)	ND		33.1	34.2		ng/L		103	40 - 160	2	30
Perfluorooctanesulfonic acid (PFOS)	ND	*	31.8	40.0		ng/L		126	40 - 160	4	20
Perfluorooctanesulfonamide (FOSA)	ND		34.3	44.2		ng/L		129	40 - 160	0	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		34.3	39.5		ng/L		115	40 - 160	4	20
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND	*	34.3	50.3		ng/L		146	40 - 160	1	20
6:2 FTS	ND		32.5	34.6		ng/L		106	40 - 160	6	30
8:2 FTS	ND		32.9	37.0		ng/L		113	40 - 160	4	30

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
13C8 FOSA	82		25 - 150
13C4 PFBA	83		25 - 150
13C5-PFPeA DNU	97		25 - 150
13C2 PFHxA	110		50 - 150

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 480-158459-3 MSD
Matrix: Water
Analysis Batch: 147100

Client Sample ID: MW-11D
Prep Type: Total/NA
Prep Batch: 147028

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
13C4 PFHpA	110		50 - 150
13C4 PFOA	110		50 - 150
13C5 PFNA	96		50 - 150
13C2 PFDA	104		50 - 150
13C2 PFUnA	91		50 - 150
13C2 PFDoA	102		50 - 150
13C2 PFTeDA	93		50 - 150
18O2 PFHxS	123		50 - 150
13C4 PFOS	106		50 - 150
d3-NMeFOSAA	106		50 - 150
d5-NEtFOSAA	85		50 - 150
M2-6:2 FTS	121		25 - 150
M2-8:2 FTS	107		25 - 150

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-490177/1-A
Matrix: Water
Analysis Batch: 491317

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 490177

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/05/19 06:25	09/10/19 16:31	1
Antimony	ND		0.020	0.0068	mg/L		09/05/19 06:25	09/10/19 16:31	1
Arsenic	ND		0.015	0.0056	mg/L		09/05/19 06:25	09/10/19 16:31	1
Barium	ND		0.0020	0.00070	mg/L		09/05/19 06:25	09/10/19 16:31	1
Beryllium	ND		0.0020	0.00030	mg/L		09/05/19 06:25	09/10/19 16:31	1
Cadmium	ND		0.0020	0.00050	mg/L		09/05/19 06:25	09/10/19 16:31	1
Calcium	ND		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 16:31	1
Chromium	ND		0.0040	0.0010	mg/L		09/05/19 06:25	09/10/19 16:31	1
Cobalt	ND		0.0040	0.00063	mg/L		09/05/19 06:25	09/10/19 16:31	1
Copper	ND		0.010	0.0016	mg/L		09/05/19 06:25	09/10/19 16:31	1
Iron	ND		0.050	0.019	mg/L		09/05/19 06:25	09/10/19 16:31	1
Lead	ND		0.010	0.0030	mg/L		09/05/19 06:25	09/10/19 16:31	1
Magnesium	ND		0.20	0.043	mg/L		09/05/19 06:25	09/10/19 16:31	1
Manganese	ND		0.0030	0.00040	mg/L		09/05/19 06:25	09/10/19 16:31	1
Nickel	ND		0.010	0.0013	mg/L		09/05/19 06:25	09/10/19 16:31	1
Potassium	ND		0.50	0.10	mg/L		09/05/19 06:25	09/10/19 16:31	1
Selenium	ND		0.025	0.0087	mg/L		09/05/19 06:25	09/10/19 16:31	1
Silver	ND		0.0060	0.0017	mg/L		09/05/19 06:25	09/10/19 16:31	1
Sodium	ND		1.0	0.32	mg/L		09/05/19 06:25	09/10/19 16:31	1
Thallium	ND		0.020	0.010	mg/L		09/05/19 06:25	09/10/19 16:31	1
Vanadium	ND		0.0050	0.0015	mg/L		09/05/19 06:25	09/10/19 16:31	1
Zinc	0.00426	J	0.010	0.0015	mg/L		09/05/19 06:25	09/10/19 16:31	1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 480-490177/2-A
Matrix: Water
Analysis Batch: 491317

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 490177

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	9.95		mg/L		100	80 - 120
Antimony	0.200	0.221		mg/L		110	80 - 120
Arsenic	0.200	0.198		mg/L		99	80 - 120
Barium	0.200	0.217		mg/L		109	80 - 120
Beryllium	0.200	0.203		mg/L		101	80 - 120
Cadmium	0.200	0.201		mg/L		100	80 - 120
Calcium	10.0	9.96		mg/L		100	80 - 120
Chromium	0.200	0.216		mg/L		108	80 - 120
Cobalt	0.200	0.192		mg/L		96	80 - 120
Copper	0.200	0.201		mg/L		100	80 - 120
Iron	10.0	9.96		mg/L		100	80 - 120
Lead	0.200	0.193		mg/L		96	80 - 120
Magnesium	10.0	10.27		mg/L		103	80 - 120
Manganese	0.200	0.203		mg/L		102	80 - 120
Nickel	0.200	0.199		mg/L		99	80 - 120
Potassium	10.0	9.42		mg/L		94	80 - 120
Selenium	0.200	0.193		mg/L		96	80 - 120
Silver	0.0500	0.0500		mg/L		100	80 - 120
Sodium	10.0	9.75		mg/L		97	80 - 120
Thallium	0.200	0.198		mg/L		99	80 - 120
Vanadium	0.200	0.202		mg/L		101	80 - 120
Zinc	0.200	0.215		mg/L		107	80 - 120

Lab Sample ID: 480-158459-3 MS
Matrix: Water
Analysis Batch: 491317

Client Sample ID: MW-11D
Prep Type: Total/NA
Prep Batch: 490177

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	ND		10.0	10.25		mg/L		103	75 - 125
Antimony	ND		0.200	0.231		mg/L		116	75 - 125
Arsenic	ND		0.200	0.214		mg/L		107	75 - 125
Barium	0.20	F1	0.200	0.349		mg/L		77	75 - 125
Beryllium	ND		0.200	0.205		mg/L		103	75 - 125
Cadmium	ND		0.200	0.211		mg/L		105	75 - 125
Calcium	165		10.0	147.2	4	mg/L		-179	75 - 125
Chromium	ND		0.200	0.201		mg/L		101	75 - 125
Cobalt	ND		0.200	0.195		mg/L		97	75 - 125
Copper	ND		0.200	0.201		mg/L		101	75 - 125
Iron	2.7		10.0	12.14		mg/L		95	75 - 125
Lead	ND		0.200	0.198		mg/L		99	75 - 125
Magnesium	25.3		10.0	35.22		mg/L		99	75 - 125
Manganese	0.20		0.200	0.387		mg/L		95	75 - 125
Nickel	ND		0.200	0.202		mg/L		101	75 - 125
Potassium	4.9		10.0	13.11		mg/L		83	75 - 125
Selenium	ND		0.200	0.202		mg/L		101	75 - 125
Silver	ND		0.0500	0.0507		mg/L		101	75 - 125
Sodium	86.7		10.0	96.42	4	mg/L		97	75 - 125
Thallium	ND		0.200	0.204		mg/L		102	75 - 125
Vanadium	ND		0.200	0.205		mg/L		102	75 - 125

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 480-158459-3 MS
Matrix: Water
Analysis Batch: 491317

Client Sample ID: MW-11D
Prep Type: Total/NA
Prep Batch: 490177

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Zinc	ND		0.200	0.198		mg/L		99	75 - 125

Lab Sample ID: 480-158459-3 MSD
Matrix: Water
Analysis Batch: 491317

Client Sample ID: MW-11D
Prep Type: Total/NA
Prep Batch: 490177

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	ND		10.0	9.81		mg/L		98	75 - 125	4	20
Antimony	ND		0.200	0.224		mg/L		112	75 - 125	3	20
Arsenic	ND		0.200	0.213		mg/L		106	75 - 125	0	20
Barium	0.20	F1	0.200	0.344	F1	mg/L		74	75 - 125	1	20
Beryllium	ND		0.200	0.199		mg/L		100	75 - 125	3	20
Cadmium	ND		0.200	0.206		mg/L		103	75 - 125	2	20
Calcium	165		10.0	147.4	4	mg/L		-178	75 - 125	0	20
Chromium	ND		0.200	0.195		mg/L		97	75 - 125	3	20
Cobalt	ND		0.200	0.188		mg/L		94	75 - 125	4	20
Copper	ND		0.200	0.194		mg/L		97	75 - 125	3	20
Iron	2.7		10.0	12.07		mg/L		94	75 - 125	1	20
Lead	ND		0.200	0.192		mg/L		96	75 - 125	3	20
Magnesium	25.3		10.0	35.13		mg/L		98	75 - 125	0	20
Manganese	0.20		0.200	0.383		mg/L		93	75 - 125	1	20
Nickel	ND		0.200	0.196		mg/L		98	75 - 125	3	20
Potassium	4.9		10.0	12.90		mg/L		80	75 - 125	2	20
Selenium	ND		0.200	0.202		mg/L		101	75 - 125	0	20
Silver	ND		0.0500	0.0490		mg/L		98	75 - 125	3	20
Sodium	86.7		10.0	95.92	4	mg/L		92	75 - 125	1	20
Thallium	ND		0.200	0.198		mg/L		99	75 - 125	3	20
Vanadium	ND		0.200	0.200		mg/L		100	75 - 125	2	20
Zinc	ND		0.200	0.192		mg/L		96	75 - 125	3	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-491033/1-A
Matrix: Water
Analysis Batch: 491285

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 491033

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/10/19 11:40	09/10/19 16:18	1

Lab Sample ID: LCS 480-491033/2-A
Matrix: Water
Analysis Batch: 491285

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 491033

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00695		mg/L		104	80 - 120

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 480-158459-3 MS
Matrix: Water
Analysis Batch: 491285

Client Sample ID: MW-11D
Prep Type: Total/NA
Prep Batch: 491033

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00667	0.00678		mg/L		102	80 - 120

Lab Sample ID: 480-158459-3 MSD
Matrix: Water
Analysis Batch: 491285

Client Sample ID: MW-11D
Prep Type: Total/NA
Prep Batch: 491033

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00672		mg/L		101	80 - 120	1	20

Lab Sample ID: MB 480-491034/1-A
Matrix: Water
Analysis Batch: 491285

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 491034

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/10/19 11:40	09/10/19 16:59	1

Lab Sample ID: LCS 480-491034/2-A
Matrix: Water
Analysis Batch: 491285

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 491034

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00690		mg/L		103	80 - 120

Lab Sample ID: 480-158459-19 MS
Matrix: Water
Analysis Batch: 491285

Client Sample ID: MW-23D
Prep Type: Total/NA
Prep Batch: 491034

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00667	0.00685		mg/L		103	80 - 120

Lab Sample ID: 480-158459-19 MSD
Matrix: Water
Analysis Batch: 491285

Client Sample ID: MW-23D
Prep Type: Total/NA
Prep Batch: 491034

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00683		mg/L		102	80 - 120	0	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 480-490819/1-A
Matrix: Water
Analysis Batch: 490939

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 490819

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		09/08/19 14:57	09/09/19 12:02	1

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: LCS 480-490819/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 490939 — **Prep Batch: 490819**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.400	0.376		mg/L		94	90 - 110

Lab Sample ID: LCS 480-490819/3-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 490939 — **Prep Batch: 490819**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.250	0.239		mg/L		96	90 - 110

Lab Sample ID: 480-158459-3 MS — **Client Sample ID: MW-11D**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 490939 — **Prep Batch: 490819**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.010		0.100	0.110		mg/L		100	90 - 110

Lab Sample ID: 480-158459-3 MSD — **Client Sample ID: MW-11D**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 490939 — **Prep Batch: 490819**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Total	0.010		0.100	0.109		mg/L		99	90 - 110	1	15

Lab Sample ID: MB 480-490821/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 490957 — **Prep Batch: 490821**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		09/08/19 15:09	09/09/19 12:52	1

Lab Sample ID: LCS 480-490821/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 490957 — **Prep Batch: 490821**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.250	0.247		mg/L		99	90 - 110

Lab Sample ID: 480-158459-9 MS — **Client Sample ID: MW-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 490957 — **Prep Batch: 490821**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.0056	J	0.100	0.101		mg/L		95	90 - 110

Lab Sample ID: 480-158459-7 DU — **Client Sample ID: MW-33**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 490957 — **Prep Batch: 490821**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cyanide, Total	ND		0.00575	J	mg/L		NC	15

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 480-490823/1-A
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 491021
Prep Batch: 490823

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		09/08/19 16:20	09/09/19 15:24	1

Lab Sample ID: LCS 480-490823/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 491021
Prep Batch: 490823

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.250	0.237		mg/L		95	90 - 110

Lab Sample ID: 480-158459-22 MS
Client Sample ID: MW-21
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 491021
Prep Batch: 490823

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	ND		0.100	0.0978		mg/L		98	90 - 110

Lab Sample ID: 480-158459-6 DU
Client Sample ID: MW-20
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 491021
Prep Batch: 490823

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cyanide, Total	0.022		0.0178	F5	mg/L		19	15

Lab Sample ID: MB 480-491161/1-A
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 491490
Prep Batch: 491161

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		09/09/19 19:35	09/11/19 13:27	1

Lab Sample ID: LCS 480-491161/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 491490
Prep Batch: 491161

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.250	0.227		mg/L		91	90 - 110

GC/MS VOA

Analysis Batch: 490042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-1	MW-19D	Total/NA	Water	8260C	
480-158459-2	MW-15D	Total/NA	Water	8260C	
480-158459-3	MW-11D	Total/NA	Water	8260C	
480-158459-4	MW-30	Total/NA	Water	8260C	
480-158459-7	MW-33	Total/NA	Water	8260C	
480-158459-8	DUP	Total/NA	Water	8260C	
MB 480-490042/7	Method Blank	Total/NA	Water	8260C	
LCS 480-490042/5	Lab Control Sample	Total/NA	Water	8260C	
480-158459-3 MS	MW-11D	Total/NA	Water	8260C	
480-158459-3 MSD	MW-11D	Total/NA	Water	8260C	

Analysis Batch: 490509

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-9	MW-11	Total/NA	Water	8260C	
480-158459-11	MW-16 082719	Total/NA	Water	8260C	
MB 480-490509/7	Method Blank	Total/NA	Water	8260C	
LCS 480-490509/5	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 490812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-6	MW-20	Total/NA	Water	8260C	
480-158459-12	MW-23	Total/NA	Water	8260C	
480-158459-15	MW-20D	Total/NA	Water	8260C	
480-158459-16	MW-31	Total/NA	Water	8260C	
480-158459-19	MW-23D	Total/NA	Water	8260C	
480-158459-21	MW-16D	Total/NA	Water	8260C	
480-158459-22	MW-21	Total/NA	Water	8260C	
480-158459-23	MW-21D	Total/NA	Water	8260C	
MB 480-490812/7	Method Blank	Total/NA	Water	8260C	
LCS 480-490812/5	Lab Control Sample	Total/NA	Water	8260C	
480-158459-6 MS	MW-20	Total/NA	Water	8260C	
480-158459-6 MSD	MW-20	Total/NA	Water	8260C	

Analysis Batch: 491014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-5	MW-32	Total/NA	Water	8260C	
480-158459-10	MW-15	Total/NA	Water	8260C	
480-158459-13	MW-19	Total/NA	Water	8260C	
480-158459-14	MW-18	Total/NA	Water	8260C	
MB 480-491014/11	Method Blank	Total/NA	Water	8260C	
LCS 480-491014/9	Lab Control Sample	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 490012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-1	MW-19D	Total/NA	Water	3510C	
480-158459-2	MW-15D	Total/NA	Water	3510C	
480-158459-3	MW-11D	Total/NA	Water	3510C	
480-158459-4	MW-30	Total/NA	Water	3510C	
480-158459-5	MW-32	Total/NA	Water	3510C	

GC/MS Semi VOA (Continued)

Prep Batch: 490012 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-6	MW-20	Total/NA	Water	3510C	
480-158459-7	MW-33	Total/NA	Water	3510C	
480-158459-8	DUP	Total/NA	Water	3510C	
480-158459-9	MW-11	Total/NA	Water	3510C	
480-158459-10	MW-15	Total/NA	Water	3510C	
480-158459-11	MW-16 082719	Total/NA	Water	3510C	
480-158459-12	MW-23	Total/NA	Water	3510C	
480-158459-13	MW-19	Total/NA	Water	3510C	
480-158459-14	MW-18	Total/NA	Water	3510C	
480-158459-15	MW-20D	Total/NA	Water	3510C	
480-158459-16	MW-31	Total/NA	Water	3510C	
480-158459-19	MW-23D	Total/NA	Water	3510C	
480-158459-21	MW-16D	Total/NA	Water	3510C	
480-158459-22	MW-21	Total/NA	Water	3510C	
480-158459-23	MW-21D	Total/NA	Water	3510C	
MB 480-490012/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-490012/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-158459-3 MS	MW-11D	Total/NA	Water	3510C	
480-158459-3 MSD	MW-11D	Total/NA	Water	3510C	

Prep Batch: 490165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-1	MW-19D	Total/NA	Water	3510C	
480-158459-2	MW-15D	Total/NA	Water	3510C	
480-158459-3	MW-11D	Total/NA	Water	3510C	
480-158459-4	MW-30	Total/NA	Water	3510C	
480-158459-5	MW-32	Total/NA	Water	3510C	
480-158459-6	MW-20	Total/NA	Water	3510C	
480-158459-7	MW-33	Total/NA	Water	3510C	
480-158459-8	DUP	Total/NA	Water	3510C	
480-158459-9	MW-11	Total/NA	Water	3510C	
480-158459-10	MW-15	Total/NA	Water	3510C	
480-158459-11	MW-16 082719	Total/NA	Water	3510C	
480-158459-12	MW-23	Total/NA	Water	3510C	
480-158459-13	MW-19	Total/NA	Water	3510C	
480-158459-14	MW-18	Total/NA	Water	3510C	
480-158459-15	MW-20D	Total/NA	Water	3510C	
480-158459-16	MW-31	Total/NA	Water	3510C	
480-158459-19	MW-23D	Total/NA	Water	3510C	
480-158459-21	MW-16D	Total/NA	Water	3510C	
480-158459-22	MW-21	Total/NA	Water	3510C	
480-158459-23	MW-21D	Total/NA	Water	3510C	
MB 480-490165/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-490165/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-158459-3 MS	MW-11D	Total/NA	Water	3510C	
480-158459-3 MSD	MW-11D	Total/NA	Water	3510C	

Analysis Batch: 490564

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-1	MW-19D	Total/NA	Water	8270D	490165
480-158459-2	MW-15D	Total/NA	Water	8270D	490165

GC/MS Semi VOA (Continued)

Analysis Batch: 490564 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-3	MW-11D	Total/NA	Water	8270D	490165
480-158459-4	MW-30	Total/NA	Water	8270D	490165
480-158459-5	MW-32	Total/NA	Water	8270D	490165
480-158459-6	MW-20	Total/NA	Water	8270D	490165
480-158459-7	MW-33	Total/NA	Water	8270D	490165
480-158459-8	DUP	Total/NA	Water	8270D	490165
480-158459-9	MW-11	Total/NA	Water	8270D	490165
480-158459-10	MW-15	Total/NA	Water	8270D	490165
480-158459-11	MW-16 082719	Total/NA	Water	8270D	490165
480-158459-12	MW-23	Total/NA	Water	8270D	490165
480-158459-13	MW-19	Total/NA	Water	8270D	490165
480-158459-14	MW-18	Total/NA	Water	8270D	490165
480-158459-15	MW-20D	Total/NA	Water	8270D	490165
480-158459-16	MW-31	Total/NA	Water	8270D	490165
480-158459-19	MW-23D	Total/NA	Water	8270D	490165
480-158459-21	MW-16D	Total/NA	Water	8270D	490165
480-158459-22	MW-21	Total/NA	Water	8270D	490165
MB 480-490165/1-A	Method Blank	Total/NA	Water	8270D	490165
LCS 480-490165/2-A	Lab Control Sample	Total/NA	Water	8270D	490165
480-158459-3 MS	MW-11D	Total/NA	Water	8270D	490165
480-158459-3 MSD	MW-11D	Total/NA	Water	8270D	490165

Analysis Batch: 490589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-1	MW-19D	Total/NA	Water	8270D SIM ID	490012
480-158459-2	MW-15D	Total/NA	Water	8270D SIM ID	490012
480-158459-3	MW-11D	Total/NA	Water	8270D SIM ID	490012
480-158459-4	MW-30	Total/NA	Water	8270D SIM ID	490012
480-158459-5	MW-32	Total/NA	Water	8270D SIM ID	490012
480-158459-6	MW-20	Total/NA	Water	8270D SIM ID	490012
480-158459-7	MW-33	Total/NA	Water	8270D SIM ID	490012
480-158459-8	DUP	Total/NA	Water	8270D SIM ID	490012
480-158459-9	MW-11	Total/NA	Water	8270D SIM ID	490012
480-158459-10	MW-15	Total/NA	Water	8270D SIM ID	490012
480-158459-11	MW-16 082719	Total/NA	Water	8270D SIM ID	490012
480-158459-12	MW-23	Total/NA	Water	8270D SIM ID	490012
480-158459-13	MW-19	Total/NA	Water	8270D SIM ID	490012
480-158459-14	MW-18	Total/NA	Water	8270D SIM ID	490012
480-158459-15	MW-20D	Total/NA	Water	8270D SIM ID	490012
480-158459-19	MW-23D	Total/NA	Water	8270D SIM ID	490012
480-158459-21	MW-16D	Total/NA	Water	8270D SIM ID	490012
480-158459-22	MW-21	Total/NA	Water	8270D SIM ID	490012
480-158459-23	MW-21D	Total/NA	Water	8270D SIM ID	490012
MB 480-490012/1-A	Method Blank	Total/NA	Water	8270D SIM ID	490012
LCS 480-490012/2-A	Lab Control Sample	Total/NA	Water	8270D SIM ID	490012
480-158459-3 MS	MW-11D	Total/NA	Water	8270D SIM ID	490012
480-158459-3 MSD	MW-11D	Total/NA	Water	8270D SIM ID	490012

Analysis Batch: 490993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-16	MW-31	Total/NA	Water	8270D SIM ID	490012

QC Association Summary

Client: New York State D.E.C.
Project/Site: 34 Freeman's Bridge Rd. #447028

Job ID: 480-158459-1

GC/MS Semi VOA

Analysis Batch: 491141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-23	MW-21D	Total/NA	Water	8270D	490165

GC Semi VOA

Prep Batch: 490025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-1	MW-19D	Total/NA	Water	3510C	
480-158459-2	MW-15D	Total/NA	Water	3510C	
480-158459-3	MW-11D	Total/NA	Water	3510C	
480-158459-4	MW-30	Total/NA	Water	3510C	
480-158459-5	MW-32	Total/NA	Water	3510C	
480-158459-6	MW-20	Total/NA	Water	3510C	
480-158459-7	MW-33	Total/NA	Water	3510C	
480-158459-8	DUP	Total/NA	Water	3510C	
480-158459-9	MW-11	Total/NA	Water	3510C	
480-158459-10	MW-15	Total/NA	Water	3510C	
480-158459-11	MW-16 082719	Total/NA	Water	3510C	
480-158459-12	MW-23	Total/NA	Water	3510C	
480-158459-13	MW-19	Total/NA	Water	3510C	
480-158459-14	MW-18	Total/NA	Water	3510C	
480-158459-15	MW-20D	Total/NA	Water	3510C	
480-158459-16	MW-31	Total/NA	Water	3510C	
480-158459-19	MW-23D	Total/NA	Water	3510C	
480-158459-21	MW-16D	Total/NA	Water	3510C	
480-158459-22	MW-21	Total/NA	Water	3510C	
480-158459-23	MW-21D	Total/NA	Water	3510C	
MB 480-490025/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-490025/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-158459-3 MS	MW-11D	Total/NA	Water	3510C	
480-158459-3 MSD	MW-11D	Total/NA	Water	3510C	

Analysis Batch: 490257

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-1	MW-19D	Total/NA	Water	8081B	490025
480-158459-2	MW-15D	Total/NA	Water	8081B	490025
480-158459-3	MW-11D	Total/NA	Water	8081B	490025
480-158459-4	MW-30	Total/NA	Water	8081B	490025
480-158459-5	MW-32	Total/NA	Water	8081B	490025
480-158459-7	MW-33	Total/NA	Water	8081B	490025
480-158459-8	DUP	Total/NA	Water	8081B	490025
480-158459-9	MW-11	Total/NA	Water	8081B	490025
480-158459-10	MW-15	Total/NA	Water	8081B	490025
480-158459-11	MW-16 082719	Total/NA	Water	8081B	490025
480-158459-12	MW-23	Total/NA	Water	8081B	490025
480-158459-13	MW-19	Total/NA	Water	8081B	490025
480-158459-14	MW-18	Total/NA	Water	8081B	490025
480-158459-15	MW-20D	Total/NA	Water	8081B	490025
480-158459-16	MW-31	Total/NA	Water	8081B	490025
480-158459-19	MW-23D	Total/NA	Water	8081B	490025
480-158459-21	MW-16D	Total/NA	Water	8081B	490025
480-158459-22	MW-21	Total/NA	Water	8081B	490025

GC Semi VOA (Continued)

Analysis Batch: 490257 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-23	MW-21D	Total/NA	Water	8081B	490025
MB 480-490025/1-A	Method Blank	Total/NA	Water	8081B	490025
LCS 480-490025/2-A	Lab Control Sample	Total/NA	Water	8081B	490025
480-158459-3 MS	MW-11D	Total/NA	Water	8081B	490025
480-158459-3 MSD	MW-11D	Total/NA	Water	8081B	490025

Analysis Batch: 490501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-6	MW-20	Total/NA	Water	8081B	490025

Prep Batch: 490869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-1	MW-19D	Total/NA	Water	3510C	
480-158459-2	MW-15D	Total/NA	Water	3510C	
480-158459-3	MW-11D	Total/NA	Water	3510C	
480-158459-4	MW-30	Total/NA	Water	3510C	
480-158459-5	MW-32	Total/NA	Water	3510C	
480-158459-6	MW-20	Total/NA	Water	3510C	
480-158459-7	MW-33	Total/NA	Water	3510C	
480-158459-8	DUP	Total/NA	Water	3510C	
480-158459-9	MW-11	Total/NA	Water	3510C	
480-158459-10	MW-15	Total/NA	Water	3510C	
480-158459-11	MW-16 082719	Total/NA	Water	3510C	
480-158459-12	MW-23	Total/NA	Water	3510C	
480-158459-13	MW-19	Total/NA	Water	3510C	
480-158459-14	MW-18	Total/NA	Water	3510C	
480-158459-15	MW-20D	Total/NA	Water	3510C	
480-158459-16	MW-31	Total/NA	Water	3510C	
480-158459-19	MW-23D	Total/NA	Water	3510C	
480-158459-21	MW-16D	Total/NA	Water	3510C	
480-158459-22	MW-21	Total/NA	Water	3510C	
480-158459-23	MW-21D	Total/NA	Water	3510C	
MB 480-490869/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-490869/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-158459-3 MS	MW-11D	Total/NA	Water	3510C	
480-158459-3 MSD	MW-11D	Total/NA	Water	3510C	

Analysis Batch: 491225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-1	MW-19D	Total/NA	Water	8082A	490869
480-158459-2	MW-15D	Total/NA	Water	8082A	490869
480-158459-3	MW-11D	Total/NA	Water	8082A	490869
480-158459-4	MW-30	Total/NA	Water	8082A	490869
480-158459-5	MW-32	Total/NA	Water	8082A	490869
480-158459-6	MW-20	Total/NA	Water	8082A	490869
480-158459-7	MW-33	Total/NA	Water	8082A	490869
480-158459-8	DUP	Total/NA	Water	8082A	490869
480-158459-9	MW-11	Total/NA	Water	8082A	490869
480-158459-10	MW-15	Total/NA	Water	8082A	490869
480-158459-11	MW-16 082719	Total/NA	Water	8082A	490869
480-158459-12	MW-23	Total/NA	Water	8082A	490869

GC Semi VOA (Continued)

Analysis Batch: 491225 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-13	MW-19	Total/NA	Water	8082A	490869
480-158459-14	MW-18	Total/NA	Water	8082A	490869
480-158459-15	MW-20D	Total/NA	Water	8082A	490869
480-158459-16	MW-31	Total/NA	Water	8082A	490869
480-158459-19	MW-23D	Total/NA	Water	8082A	490869
480-158459-21	MW-16D	Total/NA	Water	8082A	490869
480-158459-22	MW-21	Total/NA	Water	8082A	490869
480-158459-23	MW-21D	Total/NA	Water	8082A	490869
MB 480-490869/1-A	Method Blank	Total/NA	Water	8082A	490869
LCS 480-490869/2-A	Lab Control Sample	Total/NA	Water	8082A	490869
480-158459-3 MS	MW-11D	Total/NA	Water	8082A	490869
480-158459-3 MSD	MW-11D	Total/NA	Water	8082A	490869

LCMS

Prep Batch: 147028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-2	MW-15D	Total/NA	Water	3535	
480-158459-3	MW-11D	Total/NA	Water	3535	
480-158459-4	MW-30	Total/NA	Water	3535	
480-158459-6 - DL	MW-20	Total/NA	Water	3535	
480-158459-6	MW-20	Total/NA	Water	3535	
480-158459-7	MW-33	Total/NA	Water	3535	
480-158459-8	DUP	Total/NA	Water	3535	
480-158459-9	MW-11	Total/NA	Water	3535	
480-158459-11	MW-16 082719	Total/NA	Water	3535	
480-158459-17	EQUIP BLANK	Total/NA	Water	3535	
480-158459-18	FIELD BLANK 1	Total/NA	Water	3535	
480-158459-20	FIELD BLANK 2	Total/NA	Water	3535	
MB 200-147028/1-A	Method Blank	Total/NA	Water	3535	
LCS 200-147028/2-A	Lab Control Sample	Total/NA	Water	3535	
480-158459-3 MS	MW-11D	Total/NA	Water	3535	
480-158459-3 MSD	MW-11D	Total/NA	Water	3535	

Analysis Batch: 147100

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-2	MW-15D	Total/NA	Water	537 (modified)	147028
480-158459-3	MW-11D	Total/NA	Water	537 (modified)	147028
480-158459-4	MW-30	Total/NA	Water	537 (modified)	147028
480-158459-6	MW-20	Total/NA	Water	537 (modified)	147028
480-158459-7	MW-33	Total/NA	Water	537 (modified)	147028
480-158459-8	DUP	Total/NA	Water	537 (modified)	147028
480-158459-9	MW-11	Total/NA	Water	537 (modified)	147028
480-158459-11	MW-16 082719	Total/NA	Water	537 (modified)	147028
480-158459-17	EQUIP BLANK	Total/NA	Water	537 (modified)	147028
480-158459-18	FIELD BLANK 1	Total/NA	Water	537 (modified)	147028
480-158459-20	FIELD BLANK 2	Total/NA	Water	537 (modified)	147028
MB 200-147028/1-A	Method Blank	Total/NA	Water	537 (modified)	147028
LCS 200-147028/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	147028
480-158459-3 MS	MW-11D	Total/NA	Water	537 (modified)	147028
480-158459-3 MSD	MW-11D	Total/NA	Water	537 (modified)	147028

LCMS

Analysis Batch: 147178

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-6 - DL	MW-20	Total/NA	Water	537 (modified)	147028

Metals

Prep Batch: 490177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-1	MW-19D	Total/NA	Water	3005A	
480-158459-2	MW-15D	Total/NA	Water	3005A	
480-158459-3	MW-11D	Total/NA	Water	3005A	
480-158459-4	MW-30	Total/NA	Water	3005A	
480-158459-5	MW-32	Total/NA	Water	3005A	
480-158459-6	MW-20	Total/NA	Water	3005A	
480-158459-7	MW-33	Total/NA	Water	3005A	
480-158459-8	DUP	Total/NA	Water	3005A	
480-158459-9	MW-11	Total/NA	Water	3005A	
480-158459-10	MW-15	Total/NA	Water	3005A	
480-158459-11	MW-16 082719	Total/NA	Water	3005A	
480-158459-12	MW-23	Total/NA	Water	3005A	
480-158459-13	MW-19	Total/NA	Water	3005A	
480-158459-14	MW-18	Total/NA	Water	3005A	
480-158459-15	MW-20D	Total/NA	Water	3005A	
480-158459-16	MW-31	Total/NA	Water	3005A	
480-158459-19	MW-23D	Total/NA	Water	3005A	
480-158459-21	MW-16D	Total/NA	Water	3005A	
480-158459-22	MW-21	Total/NA	Water	3005A	
480-158459-23	MW-21D	Total/NA	Water	3005A	
MB 480-490177/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-490177/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-158459-3 MS	MW-11D	Total/NA	Water	3005A	
480-158459-3 MSD	MW-11D	Total/NA	Water	3005A	

Prep Batch: 491033

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-1	MW-19D	Total/NA	Water	7470A	
480-158459-2	MW-15D	Total/NA	Water	7470A	
480-158459-3	MW-11D	Total/NA	Water	7470A	
480-158459-4	MW-30	Total/NA	Water	7470A	
480-158459-5	MW-32	Total/NA	Water	7470A	
480-158459-6	MW-20	Total/NA	Water	7470A	
480-158459-7	MW-33	Total/NA	Water	7470A	
480-158459-8	DUP	Total/NA	Water	7470A	
480-158459-9	MW-11	Total/NA	Water	7470A	
480-158459-10	MW-15	Total/NA	Water	7470A	
480-158459-11	MW-16 082719	Total/NA	Water	7470A	
480-158459-12	MW-23	Total/NA	Water	7470A	
480-158459-13	MW-19	Total/NA	Water	7470A	
480-158459-14	MW-18	Total/NA	Water	7470A	
480-158459-15	MW-20D	Total/NA	Water	7470A	
480-158459-16	MW-31	Total/NA	Water	7470A	
MB 480-491033/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-491033/2-A	Lab Control Sample	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 491033 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-3 MS	MW-11D	Total/NA	Water	7470A	
480-158459-3 MSD	MW-11D	Total/NA	Water	7470A	

Prep Batch: 491034

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-19	MW-23D	Total/NA	Water	7470A	
480-158459-21	MW-16D	Total/NA	Water	7470A	
480-158459-22	MW-21	Total/NA	Water	7470A	
480-158459-23	MW-21D	Total/NA	Water	7470A	
MB 480-491034/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-491034/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-158459-19 MS	MW-23D	Total/NA	Water	7470A	
480-158459-19 MSD	MW-23D	Total/NA	Water	7470A	

Analysis Batch: 491285

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-1	MW-19D	Total/NA	Water	7470A	491033
480-158459-2	MW-15D	Total/NA	Water	7470A	491033
480-158459-3	MW-11D	Total/NA	Water	7470A	491033
480-158459-4	MW-30	Total/NA	Water	7470A	491033
480-158459-5	MW-32	Total/NA	Water	7470A	491033
480-158459-6	MW-20	Total/NA	Water	7470A	491033
480-158459-7	MW-33	Total/NA	Water	7470A	491033
480-158459-8	DUP	Total/NA	Water	7470A	491033
480-158459-9	MW-11	Total/NA	Water	7470A	491033
480-158459-10	MW-15	Total/NA	Water	7470A	491033
480-158459-11	MW-16 082719	Total/NA	Water	7470A	491033
480-158459-12	MW-23	Total/NA	Water	7470A	491033
480-158459-13	MW-19	Total/NA	Water	7470A	491033
480-158459-14	MW-18	Total/NA	Water	7470A	491033
480-158459-15	MW-20D	Total/NA	Water	7470A	491033
480-158459-16	MW-31	Total/NA	Water	7470A	491033
480-158459-19	MW-23D	Total/NA	Water	7470A	491034
480-158459-21	MW-16D	Total/NA	Water	7470A	491034
480-158459-22	MW-21	Total/NA	Water	7470A	491034
480-158459-23	MW-21D	Total/NA	Water	7470A	491034
MB 480-491033/1-A	Method Blank	Total/NA	Water	7470A	491033
MB 480-491034/1-A	Method Blank	Total/NA	Water	7470A	491034
LCS 480-491033/2-A	Lab Control Sample	Total/NA	Water	7470A	491033
LCS 480-491034/2-A	Lab Control Sample	Total/NA	Water	7470A	491034
480-158459-3 MS	MW-11D	Total/NA	Water	7470A	491033
480-158459-3 MSD	MW-11D	Total/NA	Water	7470A	491033
480-158459-19 MS	MW-23D	Total/NA	Water	7470A	491034
480-158459-19 MSD	MW-23D	Total/NA	Water	7470A	491034

Analysis Batch: 491317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-1	MW-19D	Total/NA	Water	6010C	490177
480-158459-2	MW-15D	Total/NA	Water	6010C	490177
480-158459-3	MW-11D	Total/NA	Water	6010C	490177
480-158459-4	MW-30	Total/NA	Water	6010C	490177

Metals (Continued)

Analysis Batch: 491317 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-5	MW-32	Total/NA	Water	6010C	490177
480-158459-6	MW-20	Total/NA	Water	6010C	490177
480-158459-7	MW-33	Total/NA	Water	6010C	490177
480-158459-8	DUP	Total/NA	Water	6010C	490177
480-158459-9	MW-11	Total/NA	Water	6010C	490177
480-158459-11	MW-16 082719	Total/NA	Water	6010C	490177
480-158459-12	MW-23	Total/NA	Water	6010C	490177
480-158459-13	MW-19	Total/NA	Water	6010C	490177
480-158459-14	MW-18	Total/NA	Water	6010C	490177
480-158459-15	MW-20D	Total/NA	Water	6010C	490177
480-158459-16	MW-31	Total/NA	Water	6010C	490177
480-158459-19	MW-23D	Total/NA	Water	6010C	490177
480-158459-21	MW-16D	Total/NA	Water	6010C	490177
480-158459-22	MW-21	Total/NA	Water	6010C	490177
480-158459-23	MW-21D	Total/NA	Water	6010C	490177
MB 480-490177/1-A	Method Blank	Total/NA	Water	6010C	490177
LCS 480-490177/2-A	Lab Control Sample	Total/NA	Water	6010C	490177
480-158459-3 MS	MW-11D	Total/NA	Water	6010C	490177
480-158459-3 MSD	MW-11D	Total/NA	Water	6010C	490177

Analysis Batch: 491540

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-10	MW-15	Total/NA	Water	6010C	490177

Analysis Batch: 491930

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-10	MW-15	Total/NA	Water	6010C	490177

General Chemistry

Prep Batch: 490819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-1	MW-19D	Total/NA	Water	9012B	
480-158459-2	MW-15D	Total/NA	Water	9012B	
480-158459-3	MW-11D	Total/NA	Water	9012B	
480-158459-4	MW-30	Total/NA	Water	9012B	
MB 480-490819/1-A	Method Blank	Total/NA	Water	9012B	
LCS 480-490819/2-A	Lab Control Sample	Total/NA	Water	9012B	
LCS 480-490819/3-A	Lab Control Sample	Total/NA	Water	9012B	
480-158459-3 MS	MW-11D	Total/NA	Water	9012B	
480-158459-3 MSD	MW-11D	Total/NA	Water	9012B	

Prep Batch: 490821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-7	MW-33	Total/NA	Water	9012B	
480-158459-8	DUP	Total/NA	Water	9012B	
480-158459-9	MW-11	Total/NA	Water	9012B	
480-158459-11	MW-16 082719	Total/NA	Water	9012B	
480-158459-12	MW-23	Total/NA	Water	9012B	
480-158459-15	MW-20D	Total/NA	Water	9012B	
480-158459-16	MW-31	Total/NA	Water	9012B	

General Chemistry (Continued)

Prep Batch: 490821 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-19	MW-23D	Total/NA	Water	9012B	
MB 480-490821/1-A	Method Blank	Total/NA	Water	9012B	
LCS 480-490821/2-A	Lab Control Sample	Total/NA	Water	9012B	
480-158459-9 MS	MW-11	Total/NA	Water	9012B	
480-158459-7 DU	MW-33	Total/NA	Water	9012B	

Prep Batch: 490823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-5	MW-32	Total/NA	Water	9012B	
480-158459-6	MW-20	Total/NA	Water	9012B	
480-158459-10	MW-15	Total/NA	Water	9012B	
480-158459-13	MW-19	Total/NA	Water	9012B	
480-158459-14	MW-18	Total/NA	Water	9012B	
480-158459-21	MW-16D	Total/NA	Water	9012B	
480-158459-22	MW-21	Total/NA	Water	9012B	
480-158459-23	MW-21D	Total/NA	Water	9012B	
MB 480-490823/1-A	Method Blank	Total/NA	Water	9012B	
LCS 480-490823/2-A	Lab Control Sample	Total/NA	Water	9012B	
480-158459-22 MS	MW-21	Total/NA	Water	9012B	
480-158459-6 DU	MW-20	Total/NA	Water	9012B	

Analysis Batch: 490939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-1	MW-19D	Total/NA	Water	9012B	490819
480-158459-2	MW-15D	Total/NA	Water	9012B	490819
480-158459-3	MW-11D	Total/NA	Water	9012B	490819
480-158459-4	MW-30	Total/NA	Water	9012B	490819
MB 480-490819/1-A	Method Blank	Total/NA	Water	9012B	490819
LCS 480-490819/2-A	Lab Control Sample	Total/NA	Water	9012B	490819
LCS 480-490819/3-A	Lab Control Sample	Total/NA	Water	9012B	490819
480-158459-3 MS	MW-11D	Total/NA	Water	9012B	490819
480-158459-3 MSD	MW-11D	Total/NA	Water	9012B	490819

Analysis Batch: 490957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-7	MW-33	Total/NA	Water	9012B	490821
480-158459-8	DUP	Total/NA	Water	9012B	490821
480-158459-9	MW-11	Total/NA	Water	9012B	490821
480-158459-11	MW-16 082719	Total/NA	Water	9012B	490821
480-158459-12	MW-23	Total/NA	Water	9012B	490821
480-158459-15	MW-20D	Total/NA	Water	9012B	490821
480-158459-16	MW-31	Total/NA	Water	9012B	490821
480-158459-19	MW-23D	Total/NA	Water	9012B	490821
MB 480-490821/1-A	Method Blank	Total/NA	Water	9012B	490821
LCS 480-490821/2-A	Lab Control Sample	Total/NA	Water	9012B	490821
480-158459-9 MS	MW-11	Total/NA	Water	9012B	490821
480-158459-7 DU	MW-33	Total/NA	Water	9012B	490821

Analysis Batch: 491021

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-5	MW-32	Total/NA	Water	9012B	490823

General Chemistry (Continued)

Analysis Batch: 491021 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-158459-6	MW-20	Total/NA	Water	9012B	490823
480-158459-10	MW-15	Total/NA	Water	9012B	490823
480-158459-13	MW-19	Total/NA	Water	9012B	490823
480-158459-14	MW-18	Total/NA	Water	9012B	490823
480-158459-21	MW-16D	Total/NA	Water	9012B	490823
480-158459-22	MW-21	Total/NA	Water	9012B	490823
480-158459-23	MW-21D	Total/NA	Water	9012B	490823
MB 480-490823/1-A	Method Blank	Total/NA	Water	9012B	490823
LCS 480-490823/2-A	Lab Control Sample	Total/NA	Water	9012B	490823
480-158459-22 MS	MW-21	Total/NA	Water	9012B	490823
480-158459-6 DU	MW-20	Total/NA	Water	9012B	490823

Prep Batch: 491161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-491161/1-A	Method Blank	Total/NA	Water	9012B	
LCS 480-491161/2-A	Lab Control Sample	Total/NA	Water	9012B	

Analysis Batch: 491490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-491161/1-A	Method Blank	Total/NA	Water	9012B	491161
LCS 480-491161/2-A	Lab Control Sample	Total/NA	Water	9012B	491161

Lab Chronicle

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-19D
Lab Sample ID: 480-158459-1
Date Collected: 08/27/19 11:20
Matrix: Water
Date Received: 08/30/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	490042	09/04/19 16:16	KMN	TAL BUF
Total/NA	Prep	3510C			490165	09/04/19 15:05	AAP	TAL BUF
Total/NA	Analysis	8270D		1	490564	09/06/19 13:46	RJS	TAL BUF
Total/NA	Prep	3510C			490012	09/04/19 07:35	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	490589	09/06/19 14:55	JMM	TAL BUF
Total/NA	Prep	3510C			490025	09/04/19 07:51	JMP	TAL BUF
Total/NA	Analysis	8081B		1	490257	09/05/19 12:17	JLS	TAL BUF
Total/NA	Prep	3510C			490869	09/09/19 08:22	JMP	TAL BUF
Total/NA	Analysis	8082A		1	491225	09/10/19 21:54	W1T	TAL BUF
Total/NA	Prep	3005A			490177	09/05/19 06:25	JAL	TAL BUF
Total/NA	Analysis	6010C		1	491317	09/10/19 16:50	LMH	TAL BUF
Total/NA	Prep	7470A			491033	09/10/19 11:40	BMB	TAL BUF
Total/NA	Analysis	7470A		1	491285	09/10/19 16:28	BMB	TAL BUF
Total/NA	Prep	9012B			490819	09/08/19 14:57	AJL	TAL BUF
Total/NA	Analysis	9012B		1	490939	09/09/19 12:28	MDL	TAL BUF

Client Sample ID: MW-15D
Lab Sample ID: 480-158459-2
Date Collected: 08/27/19 16:40
Matrix: Water
Date Received: 08/30/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	490042	09/04/19 16:39	KMN	TAL BUF
Total/NA	Prep	3510C			490165	09/04/19 15:05	AAP	TAL BUF
Total/NA	Analysis	8270D		10	490564	09/06/19 14:14	RJS	TAL BUF
Total/NA	Prep	3510C			490012	09/04/19 07:35	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		5	490589	09/06/19 15:19	JMM	TAL BUF
Total/NA	Prep	3510C			490025	09/04/19 07:51	JMP	TAL BUF
Total/NA	Analysis	8081B		1	490257	09/05/19 12:36	JLS	TAL BUF
Total/NA	Prep	3510C			490869	09/09/19 08:22	JMP	TAL BUF
Total/NA	Analysis	8082A		1	491225	09/10/19 22:08	W1T	TAL BUF
Total/NA	Prep	3535			147028	09/06/19 10:07	JM1	TAL BUR
Total/NA	Analysis	537 (modified)		1	147100	09/09/19 22:22	JM1	TAL BUR
Total/NA	Prep	3005A			490177	09/05/19 06:25	JAL	TAL BUF
Total/NA	Analysis	6010C		1	491317	09/10/19 16:54	LMH	TAL BUF
Total/NA	Prep	7470A			491033	09/10/19 11:40	BMB	TAL BUF
Total/NA	Analysis	7470A		1	491285	09/10/19 16:29	BMB	TAL BUF
Total/NA	Prep	9012B			490819	09/08/19 14:57	AJL	TAL BUF
Total/NA	Analysis	9012B		1	490939	09/09/19 12:29	MDL	TAL BUF

Client Sample ID: MW-11D
Lab Sample ID: 480-158459-3
Date Collected: 08/27/19 14:15
Matrix: Water
Date Received: 08/30/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	490042	09/04/19 17:02	KMN	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-11D
Lab Sample ID: 480-158459-3
Date Collected: 08/27/19 14:15
Matrix: Water
Date Received: 08/30/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			490165	09/04/19 15:05	AAP	TAL BUF
Total/NA	Analysis	8270D		1	490564	09/06/19 13:18	RJS	TAL BUF
Total/NA	Prep	3510C			490012	09/04/19 07:35	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	490589	09/06/19 14:31	JMM	TAL BUF
Total/NA	Prep	3510C			490025	09/04/19 07:51	JMP	TAL BUF
Total/NA	Analysis	8081B		1	490257	09/05/19 11:57	JLS	TAL BUF
Total/NA	Prep	3510C			490869	09/09/19 08:22	JMP	TAL BUF
Total/NA	Analysis	8082A		1	491225	09/10/19 21:42	W1T	TAL BUF
Total/NA	Prep	3535			147028	09/06/19 10:07	JM1	TAL BUR
Total/NA	Analysis	537 (modified)		1	147100	09/09/19 22:30	JM1	TAL BUR
Total/NA	Prep	3005A			490177	09/05/19 06:25	JAL	TAL BUF
Total/NA	Analysis	6010C		1	491317	09/10/19 16:58	LMH	TAL BUF
Total/NA	Prep	7470A			491033	09/10/19 11:40	BMB	TAL BUF
Total/NA	Analysis	7470A		1	491285	09/10/19 16:30	BMB	TAL BUF
Total/NA	Prep	9012B			490819	09/08/19 14:57	AJL	TAL BUF
Total/NA	Analysis	9012B		1	490939	09/09/19 12:31	MDL	TAL BUF

Client Sample ID: MW-30
Lab Sample ID: 480-158459-4
Date Collected: 08/27/19 15:15
Matrix: Water
Date Received: 08/30/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	490042	09/04/19 17:25	KMN	TAL BUF
Total/NA	Prep	3510C			490165	09/04/19 15:05	AAP	TAL BUF
Total/NA	Analysis	8270D		1	490564	09/06/19 14:42	RJS	TAL BUF
Total/NA	Prep	3510C			490012	09/04/19 07:35	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	490589	09/06/19 15:43	JMM	TAL BUF
Total/NA	Prep	3510C			490025	09/04/19 07:51	JMP	TAL BUF
Total/NA	Analysis	8081B		1	490257	09/05/19 12:56	JLS	TAL BUF
Total/NA	Prep	3510C			490869	09/09/19 08:22	JMP	TAL BUF
Total/NA	Analysis	8082A		1	491225	09/10/19 22:20	W1T	TAL BUF
Total/NA	Prep	3535			147028	09/06/19 10:07	JM1	TAL BUR
Total/NA	Analysis	537 (modified)		1	147100	09/09/19 22:54	JM1	TAL BUR
Total/NA	Prep	3005A			490177	09/05/19 06:25	JAL	TAL BUF
Total/NA	Analysis	6010C		1	491317	09/10/19 17:17	LMH	TAL BUF
Total/NA	Prep	7470A			491033	09/10/19 11:40	BMB	TAL BUF
Total/NA	Analysis	7470A		1	491285	09/10/19 16:35	BMB	TAL BUF
Total/NA	Prep	9012B			490819	09/08/19 14:57	AJL	TAL BUF
Total/NA	Analysis	9012B		1	490939	09/09/19 12:38	MDL	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-32
Lab Sample ID: 480-158459-5
Date Collected: 08/29/19 09:30
Matrix: Water
Date Received: 08/30/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	491014	09/10/19 05:31	BTP	TAL BUF
Total/NA	Prep	3510C			490165	09/04/19 15:05	AAP	TAL BUF
Total/NA	Analysis	8270D		1	490564	09/06/19 15:10	RJS	TAL BUF
Total/NA	Prep	3510C			490012	09/04/19 07:35	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	490589	09/06/19 16:06	JMM	TAL BUF
Total/NA	Prep	3510C			490025	09/04/19 07:51	JMP	TAL BUF
Total/NA	Analysis	8081B		1	490257	09/05/19 13:15	JLS	TAL BUF
Total/NA	Prep	3510C			490869	09/09/19 08:22	JMP	TAL BUF
Total/NA	Analysis	8082A		1	491225	09/10/19 22:33	W1T	TAL BUF
Total/NA	Prep	3005A			490177	09/05/19 06:25	JAL	TAL BUF
Total/NA	Analysis	6010C		1	491317	09/10/19 17:20	LMH	TAL BUF
Total/NA	Prep	7470A			491033	09/10/19 11:40	BMB	TAL BUF
Total/NA	Analysis	7470A		1	491285	09/10/19 16:37	BMB	TAL BUF
Total/NA	Prep	9012B			490823	09/08/19 16:20	AJL	TAL BUF
Total/NA	Analysis	9012B		1	491021	09/09/19 15:37	MDL	TAL BUF

Client Sample ID: MW-20
Lab Sample ID: 480-158459-6
Date Collected: 08/28/19 08:55
Matrix: Water
Date Received: 08/30/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	490812	09/09/19 02:30	AMM	TAL BUF
Total/NA	Prep	3510C			490165	09/04/19 15:05	AAP	TAL BUF
Total/NA	Analysis	8270D		20	490564	09/06/19 15:38	RJS	TAL BUF
Total/NA	Prep	3510C			490012	09/04/19 07:35	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		5	490589	09/06/19 16:30	JMM	TAL BUF
Total/NA	Prep	3510C			490025	09/04/19 07:51	JMP	TAL BUF
Total/NA	Analysis	8081B		10	490501	09/06/19 10:43	JLS	TAL BUF
Total/NA	Prep	3510C			490869	09/09/19 08:22	JMP	TAL BUF
Total/NA	Analysis	8082A		1	491225	09/10/19 22:46	W1T	TAL BUF
Total/NA	Prep	3535			147028	09/06/19 10:07	JM1	TAL BUR
Total/NA	Analysis	537 (modified)		2	147100	09/09/19 23:02	JM1	TAL BUR
Total/NA	Prep	3535	DL		147028	09/06/19 10:07	JM1	TAL BUR
Total/NA	Analysis	537 (modified)	DL	5	147178	09/11/19 12:43	JM1	TAL BUR
Total/NA	Prep	3005A			490177	09/05/19 06:25	JAL	TAL BUF
Total/NA	Analysis	6010C		1	491317	09/10/19 17:36	LMH	TAL BUF
Total/NA	Prep	7470A			491033	09/10/19 11:40	BMB	TAL BUF
Total/NA	Analysis	7470A		1	491285	09/10/19 16:38	BMB	TAL BUF
Total/NA	Prep	9012B			490823	09/08/19 16:20	AJL	TAL BUF
Total/NA	Analysis	9012B		1	491021	09/09/19 15:28	MDL	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-33
Lab Sample ID: 480-158459-7
Date Collected: 08/27/19 15:52
Matrix: Water
Date Received: 08/30/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	490042	09/04/19 17:48	KMN	TAL BUF
Total/NA	Prep	3510C			490165	09/04/19 15:05	AAP	TAL BUF
Total/NA	Analysis	8270D		5	490564	09/06/19 16:06	RJS	TAL BUF
Total/NA	Prep	3510C			490012	09/04/19 07:35	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	490589	09/06/19 16:54	JMM	TAL BUF
Total/NA	Prep	3510C			490025	09/04/19 07:51	JMP	TAL BUF
Total/NA	Analysis	8081B		1	490257	09/05/19 13:54	JLS	TAL BUF
Total/NA	Prep	3510C			490869	09/09/19 08:22	JMP	TAL BUF
Total/NA	Analysis	8082A		1	491225	09/10/19 22:59	W1T	TAL BUF
Total/NA	Prep	3535			147028	09/06/19 10:07	JM1	TAL BUR
Total/NA	Analysis	537 (modified)		1	147100	09/09/19 23:10	JM1	TAL BUR
Total/NA	Prep	3005A			490177	09/05/19 06:25	JAL	TAL BUF
Total/NA	Analysis	6010C		1	491317	09/10/19 17:40	LMH	TAL BUF
Total/NA	Prep	7470A			491033	09/10/19 11:40	BMB	TAL BUF
Total/NA	Analysis	7470A		1	491285	09/10/19 16:39	BMB	TAL BUF
Total/NA	Prep	9012B			490821	09/08/19 15:09	AJL	TAL BUF
Total/NA	Analysis	9012B		1	490957	09/09/19 12:56	MDL	TAL BUF

Client Sample ID: DUP
Lab Sample ID: 480-158459-8
Date Collected: 08/27/19 00:00
Matrix: Water
Date Received: 08/30/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	490042	09/04/19 18:11	KMN	TAL BUF
Total/NA	Prep	3510C			490165	09/04/19 15:05	AAP	TAL BUF
Total/NA	Analysis	8270D		1	490564	09/06/19 16:34	RJS	TAL BUF
Total/NA	Prep	3510C			490012	09/04/19 07:35	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	490589	09/06/19 17:17	JMM	TAL BUF
Total/NA	Prep	3510C			490025	09/04/19 07:51	JMP	TAL BUF
Total/NA	Analysis	8081B		1	490257	09/05/19 14:14	JLS	TAL BUF
Total/NA	Prep	3510C			490869	09/09/19 08:22	JMP	TAL BUF
Total/NA	Analysis	8082A		1	491225	09/10/19 23:12	W1T	TAL BUF
Total/NA	Prep	3535			147028	09/06/19 10:07	JM1	TAL BUR
Total/NA	Analysis	537 (modified)		1	147100	09/09/19 23:19	JM1	TAL BUR
Total/NA	Prep	3005A			490177	09/05/19 06:25	JAL	TAL BUF
Total/NA	Analysis	6010C		1	491317	09/10/19 17:43	LMH	TAL BUF
Total/NA	Prep	7470A			491033	09/10/19 11:40	BMB	TAL BUF
Total/NA	Analysis	7470A		1	491285	09/10/19 16:43	BMB	TAL BUF
Total/NA	Prep	9012B			490821	09/08/19 15:09	AJL	TAL BUF
Total/NA	Analysis	9012B		1	490957	09/09/19 12:59	MDL	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-11
Lab Sample ID: 480-158459-9
Date Collected: 08/27/19 13:06
Matrix: Water
Date Received: 08/30/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	490509	09/06/19 14:50	KMN	TAL BUF
Total/NA	Prep	3510C			490165	09/04/19 15:05	AAP	TAL BUF
Total/NA	Analysis	8270D		1	490564	09/06/19 17:01	RJS	TAL BUF
Total/NA	Prep	3510C			490012	09/04/19 07:35	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	490589	09/06/19 17:41	JMM	TAL BUF
Total/NA	Prep	3510C			490025	09/04/19 07:51	JMP	TAL BUF
Total/NA	Analysis	8081B		1	490257	09/05/19 14:33	JLS	TAL BUF
Total/NA	Prep	3510C			490869	09/09/19 08:22	JMP	TAL BUF
Total/NA	Analysis	8082A		1	491225	09/10/19 23:25	W1T	TAL BUF
Total/NA	Prep	3535			147028	09/06/19 10:07	JM1	TAL BUR
Total/NA	Analysis	537 (modified)		1	147100	09/09/19 23:35	JM1	TAL BUR
Total/NA	Prep	3005A			490177	09/05/19 06:25	JAL	TAL BUF
Total/NA	Analysis	6010C		1	491317	09/10/19 17:47	LMH	TAL BUF
Total/NA	Prep	7470A			491033	09/10/19 11:40	BMB	TAL BUF
Total/NA	Analysis	7470A		1	491285	09/10/19 16:45	BMB	TAL BUF
Total/NA	Prep	9012B			490821	09/08/19 15:09	AJL	TAL BUF
Total/NA	Analysis	9012B		1	490957	09/09/19 13:01	MDL	TAL BUF

Client Sample ID: MW-15
Lab Sample ID: 480-158459-10
Date Collected: 08/29/19 12:45
Matrix: Water
Date Received: 08/30/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	491014	09/10/19 05:55	BTP	TAL BUF
Total/NA	Prep	3510C			490165	09/04/19 15:05	AAP	TAL BUF
Total/NA	Analysis	8270D		50	490564	09/06/19 17:29	RJS	TAL BUF
Total/NA	Prep	3510C			490012	09/04/19 07:35	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		5	490589	09/06/19 18:04	JMM	TAL BUF
Total/NA	Prep	3510C			490025	09/04/19 07:51	JMP	TAL BUF
Total/NA	Analysis	8081B		1	490257	09/05/19 14:53	JLS	TAL BUF
Total/NA	Prep	3510C			490869	09/09/19 08:22	JMP	TAL BUF
Total/NA	Analysis	8082A		1	491225	09/10/19 23:37	W1T	TAL BUF
Total/NA	Prep	3005A			490177	09/05/19 06:25	JAL	TAL BUF
Total/NA	Analysis	6010C		1	491540	09/11/19 09:39	LMH	TAL BUF
Total/NA	Prep	3005A			490177	09/05/19 06:25	JAL	TAL BUF
Total/NA	Analysis	6010C		1	491930	09/13/19 10:21	AMH	TAL BUF
Total/NA	Prep	7470A			491033	09/10/19 11:40	BMB	TAL BUF
Total/NA	Analysis	7470A		1	491285	09/10/19 16:46	BMB	TAL BUF
Total/NA	Prep	9012B			490823	09/08/19 16:20	AJL	TAL BUF
Total/NA	Analysis	9012B		1	491021	09/09/19 15:41	MDL	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-16 082719
Lab Sample ID: 480-158459-11
Date Collected: 08/27/19 12:32
Matrix: Water
Date Received: 08/30/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	490509	09/06/19 15:13	KMN	TAL BUF
Total/NA	Prep	3510C			490165	09/04/19 15:05	AAP	TAL BUF
Total/NA	Analysis	8270D		1	490564	09/06/19 17:57	RJS	TAL BUF
Total/NA	Prep	3510C			490012	09/04/19 07:35	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	490589	09/06/19 18:28	JMM	TAL BUF
Total/NA	Prep	3510C			490025	09/04/19 07:51	JMP	TAL BUF
Total/NA	Analysis	8081B		1	490257	09/05/19 15:13	JLS	TAL BUF
Total/NA	Prep	3510C			490869	09/09/19 08:22	JMP	TAL BUF
Total/NA	Analysis	8082A		1	491225	09/10/19 23:50	W1T	TAL BUF
Total/NA	Prep	3535			147028	09/06/19 10:07	JM1	TAL BUR
Total/NA	Analysis	537 (modified)		1	147100	09/09/19 23:43	JM1	TAL BUR
Total/NA	Prep	3005A			490177	09/05/19 06:25	JAL	TAL BUF
Total/NA	Analysis	6010C		1	491317	09/10/19 17:55	LMH	TAL BUF
Total/NA	Prep	7470A			491033	09/10/19 11:40	BMB	TAL BUF
Total/NA	Analysis	7470A		1	491285	09/10/19 16:47	BMB	TAL BUF
Total/NA	Prep	9012B			490821	09/08/19 15:09	AJL	TAL BUF
Total/NA	Analysis	9012B		1	490957	09/09/19 13:03	MDL	TAL BUF

Client Sample ID: MW-23
Lab Sample ID: 480-158459-12
Date Collected: 08/28/19 10:40
Matrix: Water
Date Received: 08/30/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	490812	09/09/19 02:55	AMM	TAL BUF
Total/NA	Prep	3510C			490165	09/04/19 15:05	AAP	TAL BUF
Total/NA	Analysis	8270D		1	490564	09/06/19 18:25	RJS	TAL BUF
Total/NA	Prep	3510C			490012	09/04/19 07:35	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	490589	09/06/19 18:52	JMM	TAL BUF
Total/NA	Prep	3510C			490025	09/04/19 07:51	JMP	TAL BUF
Total/NA	Analysis	8081B		1	490257	09/05/19 15:32	JLS	TAL BUF
Total/NA	Prep	3510C			490869	09/09/19 08:22	JMP	TAL BUF
Total/NA	Analysis	8082A		1	491225	09/11/19 00:03	W1T	TAL BUF
Total/NA	Prep	3005A			490177	09/05/19 06:25	JAL	TAL BUF
Total/NA	Analysis	6010C		1	491317	09/10/19 17:59	LMH	TAL BUF
Total/NA	Prep	7470A			491033	09/10/19 11:40	BMB	TAL BUF
Total/NA	Analysis	7470A		1	491285	09/10/19 16:48	BMB	TAL BUF
Total/NA	Prep	9012B			490821	09/08/19 15:09	AJL	TAL BUF
Total/NA	Analysis	9012B		1	490957	09/09/19 13:05	MDL	TAL BUF

Client Sample ID: MW-19
Lab Sample ID: 480-158459-13
Date Collected: 08/29/19 12:00
Matrix: Water
Date Received: 08/30/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	491014	09/10/19 06:19	BTP	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-19
Lab Sample ID: 480-158459-13
Date Collected: 08/29/19 12:00
Matrix: Water
Date Received: 08/30/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			490165	09/04/19 15:05	AAP	TAL BUF
Total/NA	Analysis	8270D		1	490564	09/06/19 18:53	RJS	TAL BUF
Total/NA	Prep	3510C			490012	09/04/19 07:35	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	490589	09/06/19 19:15	JMM	TAL BUF
Total/NA	Prep	3510C			490025	09/04/19 07:51	JMP	TAL BUF
Total/NA	Analysis	8081B		1	490257	09/05/19 15:52	JLS	TAL BUF
Total/NA	Prep	3510C			490869	09/09/19 08:22	JMP	TAL BUF
Total/NA	Analysis	8082A		1	491225	09/11/19 00:42	W1T	TAL BUF
Total/NA	Prep	3005A			490177	09/05/19 06:25	JAL	TAL BUF
Total/NA	Analysis	6010C		1	491317	09/10/19 18:02	LMH	TAL BUF
Total/NA	Prep	7470A			491033	09/10/19 11:40	BMB	TAL BUF
Total/NA	Analysis	7470A		1	491285	09/10/19 16:50	BMB	TAL BUF
Total/NA	Prep	9012B			490823	09/08/19 16:20	AJL	TAL BUF
Total/NA	Analysis	9012B		1	491021	09/09/19 15:43	MDL	TAL BUF

Client Sample ID: MW-18
Lab Sample ID: 480-158459-14
Date Collected: 08/29/19 10:30
Matrix: Water
Date Received: 08/30/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	491014	09/10/19 06:44	BTP	TAL BUF
Total/NA	Prep	3510C			490165	09/04/19 15:05	AAP	TAL BUF
Total/NA	Analysis	8270D		1	490564	09/06/19 19:20	RJS	TAL BUF
Total/NA	Prep	3510C			490012	09/04/19 07:35	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	490589	09/06/19 19:39	JMM	TAL BUF
Total/NA	Prep	3510C			490025	09/04/19 07:51	JMP	TAL BUF
Total/NA	Analysis	8081B		1	490257	09/05/19 16:11	JLS	TAL BUF
Total/NA	Prep	3510C			490869	09/09/19 08:22	JMP	TAL BUF
Total/NA	Analysis	8082A		1	491225	09/11/19 00:55	W1T	TAL BUF
Total/NA	Prep	3005A			490177	09/05/19 06:25	JAL	TAL BUF
Total/NA	Analysis	6010C		1	491317	09/10/19 18:06	LMH	TAL BUF
Total/NA	Prep	7470A			491033	09/10/19 11:40	BMB	TAL BUF
Total/NA	Analysis	7470A		1	491285	09/10/19 16:51	BMB	TAL BUF
Total/NA	Prep	9012B			490823	09/08/19 16:20	AJL	TAL BUF
Total/NA	Analysis	9012B		1	491021	09/09/19 15:44	MDL	TAL BUF

Client Sample ID: MW-20D
Lab Sample ID: 480-158459-15
Date Collected: 08/28/19 09:20
Matrix: Water
Date Received: 08/30/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	490812	09/09/19 03:19	AMM	TAL BUF
Total/NA	Prep	3510C			490165	09/04/19 15:05	AAP	TAL BUF
Total/NA	Analysis	8270D		1	490564	09/06/19 19:48	RJS	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-20D
Lab Sample ID: 480-158459-15
Date Collected: 08/28/19 09:20
Matrix: Water
Date Received: 08/30/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			490012	09/04/19 07:35	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	490589	09/06/19 20:02	JMM	TAL BUF
Total/NA	Prep	3510C			490025	09/04/19 07:51	JMP	TAL BUF
Total/NA	Analysis	8081B		1	490257	09/05/19 16:31	JLS	TAL BUF
Total/NA	Prep	3510C			490869	09/09/19 08:22	JMP	TAL BUF
Total/NA	Analysis	8082A		1	491225	09/11/19 01:07	W1T	TAL BUF
Total/NA	Prep	3005A			490177	09/05/19 06:25	JAL	TAL BUF
Total/NA	Analysis	6010C		1	491317	09/10/19 18:21	LMH	TAL BUF
Total/NA	Prep	7470A			491033	09/10/19 11:40	BMB	TAL BUF
Total/NA	Analysis	7470A		1	491285	09/10/19 16:52	BMB	TAL BUF
Total/NA	Prep	9012B			490821	09/08/19 15:09	AJL	TAL BUF
Total/NA	Analysis	9012B		1	490957	09/09/19 13:09	MDL	TAL BUF

Client Sample ID: MW-31
Lab Sample ID: 480-158459-16
Date Collected: 08/28/19 12:30
Matrix: Water
Date Received: 08/30/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	490812	09/09/19 03:43	AMM	TAL BUF
Total/NA	Prep	3510C			490165	09/04/19 15:05	AAP	TAL BUF
Total/NA	Analysis	8270D		1	490564	09/06/19 20:16	RJS	TAL BUF
Total/NA	Prep	3510C			490012	09/04/19 07:35	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		5	490993	09/09/19 22:52	JMM	TAL BUF
Total/NA	Prep	3510C			490025	09/04/19 07:51	JMP	TAL BUF
Total/NA	Analysis	8081B		1	490257	09/05/19 16:50	JLS	TAL BUF
Total/NA	Prep	3510C			490869	09/09/19 08:22	JMP	TAL BUF
Total/NA	Analysis	8082A		1	491225	09/11/19 01:20	W1T	TAL BUF
Total/NA	Prep	3005A			490177	09/05/19 06:25	JAL	TAL BUF
Total/NA	Analysis	6010C		1	491317	09/10/19 18:25	LMH	TAL BUF
Total/NA	Prep	7470A			491033	09/10/19 11:40	BMB	TAL BUF
Total/NA	Analysis	7470A		1	491285	09/10/19 16:54	BMB	TAL BUF
Total/NA	Prep	9012B			490821	09/08/19 15:09	AJL	TAL BUF
Total/NA	Analysis	9012B		1	490957	09/09/19 13:11	MDL	TAL BUF

Client Sample ID: EQUIP BLANK
Lab Sample ID: 480-158459-17
Date Collected: 08/28/19 11:15
Matrix: Water
Date Received: 08/30/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			147028	09/06/19 10:07	JM1	TAL BUR
Total/NA	Analysis	537 (modified)		1	147100	09/09/19 23:51	JM1	TAL BUR

Lab Chronicle

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: FIELD BLANK 1
Lab Sample ID: 480-158459-18
Date Collected: 08/27/19 11:00
Matrix: Water
Date Received: 08/30/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			147028	09/06/19 10:07	JM1	TAL BUR
Total/NA	Analysis	537 (modified)		1	147100	09/09/19 23:59	JM1	TAL BUR

Client Sample ID: MW-23D
Lab Sample ID: 480-158459-19
Date Collected: 08/28/19 10:20
Matrix: Water
Date Received: 08/30/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	490812	09/09/19 04:07	AMM	TAL BUF
Total/NA	Prep	3510C			490165	09/04/19 15:05	AAP	TAL BUF
Total/NA	Analysis	8270D		1	490564	09/06/19 20:44	RJS	TAL BUF
Total/NA	Prep	3510C			490012	09/04/19 07:35	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	490589	09/06/19 20:50	JMM	TAL BUF
Total/NA	Prep	3510C			490025	09/04/19 07:51	JMP	TAL BUF
Total/NA	Analysis	8081B		1	490257	09/05/19 17:30	JLS	TAL BUF
Total/NA	Prep	3510C			490869	09/09/19 08:22	JMP	TAL BUF
Total/NA	Analysis	8082A		1	491225	09/11/19 01:33	W1T	TAL BUF
Total/NA	Prep	3005A			490177	09/05/19 06:25	JAL	TAL BUF
Total/NA	Analysis	6010C		1	491317	09/10/19 18:29	LMH	TAL BUF
Total/NA	Prep	7470A			491034	09/10/19 11:40	BMB	TAL BUF
Total/NA	Analysis	7470A		1	491285	09/10/19 17:02	BMB	TAL BUF
Total/NA	Prep	9012B			490821	09/08/19 15:09	AJL	TAL BUF
Total/NA	Analysis	9012B		1	490957	09/09/19 13:22	MDL	TAL BUF

Client Sample ID: FIELD BLANK 2
Lab Sample ID: 480-158459-20
Date Collected: 08/28/19 11:30
Matrix: Water
Date Received: 08/30/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			147028	09/06/19 10:07	JM1	TAL BUR
Total/NA	Analysis	537 (modified)		1	147100	09/10/19 00:07	JM1	TAL BUR

Client Sample ID: MW-16D
Lab Sample ID: 480-158459-21
Date Collected: 08/28/19 12:10
Matrix: Water
Date Received: 08/30/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	490812	09/09/19 04:31	AMM	TAL BUF
Total/NA	Prep	3510C			490165	09/04/19 15:05	AAP	TAL BUF
Total/NA	Analysis	8270D		1	490564	09/06/19 21:11	RJS	TAL BUF
Total/NA	Prep	3510C			490012	09/04/19 07:35	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	490589	09/06/19 21:13	JMM	TAL BUF
Total/NA	Prep	3510C			490025	09/04/19 07:51	JMP	TAL BUF
Total/NA	Analysis	8081B		1	490257	09/05/19 17:49	JLS	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-16D
Lab Sample ID: 480-158459-21
Date Collected: 08/28/19 12:10
Matrix: Water
Date Received: 08/30/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			490869	09/09/19 08:22	JMP	TAL BUF
Total/NA	Analysis	8082A		1	491225	09/11/19 01:46	W1T	TAL BUF
Total/NA	Prep	3005A			490177	09/05/19 06:25	JAL	TAL BUF
Total/NA	Analysis	6010C		1	491317	09/10/19 18:33	LMH	TAL BUF
Total/NA	Prep	7470A			491034	09/10/19 11:40	BMB	TAL BUF
Total/NA	Analysis	7470A		1	491285	09/10/19 17:07	BMB	TAL BUF
Total/NA	Prep	9012B			490823	09/08/19 16:20	AJL	TAL BUF
Total/NA	Analysis	9012B		1	491021	09/09/19 15:31	MDL	TAL BUF

Client Sample ID: MW-21
Lab Sample ID: 480-158459-22
Date Collected: 08/28/19 13:20
Matrix: Water
Date Received: 08/30/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	490812	09/09/19 04:55	AMM	TAL BUF
Total/NA	Prep	3510C			490165	09/04/19 15:05	AAP	TAL BUF
Total/NA	Analysis	8270D		1	490564	09/06/19 21:39	RJS	TAL BUF
Total/NA	Prep	3510C			490012	09/04/19 07:35	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	490589	09/06/19 21:37	JMM	TAL BUF
Total/NA	Prep	3510C			490025	09/04/19 07:51	JMP	TAL BUF
Total/NA	Analysis	8081B		1	490257	09/05/19 18:08	JLS	TAL BUF
Total/NA	Prep	3510C			490869	09/09/19 08:22	JMP	TAL BUF
Total/NA	Analysis	8082A		1	491225	09/11/19 01:59	W1T	TAL BUF
Total/NA	Prep	3005A			490177	09/05/19 06:25	JAL	TAL BUF
Total/NA	Analysis	6010C		1	491317	09/10/19 18:37	LMH	TAL BUF
Total/NA	Prep	7470A			491034	09/10/19 11:40	BMB	TAL BUF
Total/NA	Analysis	7470A		1	491285	09/10/19 17:08	BMB	TAL BUF
Total/NA	Prep	9012B			490823	09/08/19 16:20	AJL	TAL BUF
Total/NA	Analysis	9012B		1	491021	09/09/19 15:33	MDL	TAL BUF

Client Sample ID: MW-21D
Lab Sample ID: 480-158459-23
Date Collected: 08/28/19 13:45
Matrix: Water
Date Received: 08/30/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	490812	09/09/19 05:19	AMM	TAL BUF
Total/NA	Prep	3510C			490165	09/04/19 15:05	AAP	TAL BUF
Total/NA	Analysis	8270D		1	491141	09/10/19 14:19	RJS	TAL BUF
Total/NA	Prep	3510C			490012	09/04/19 07:35	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	490589	09/06/19 22:00	JMM	TAL BUF
Total/NA	Prep	3510C			490025	09/04/19 07:51	JMP	TAL BUF
Total/NA	Analysis	8081B		1	490257	09/05/19 18:28	JLS	TAL BUF
Total/NA	Prep	3510C			490869	09/09/19 08:22	JMP	TAL BUF
Total/NA	Analysis	8082A		1	491225	09/11/19 02:11	W1T	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Client Sample ID: MW-21D
Lab Sample ID: 480-158459-23
Date Collected: 08/28/19 13:45
Matrix: Water
Date Received: 08/30/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			490177	09/05/19 06:25	JAL	TAL BUF
Total/NA	Analysis	6010C		1	491317	09/10/19 18:40	LMH	TAL BUF
Total/NA	Prep	7470A			491034	09/10/19 11:40	BMB	TAL BUF
Total/NA	Analysis	7470A		1	491285	09/10/19 17:09	BMB	TAL BUF
Total/NA	Prep	9012B			490823	09/08/19 16:20	AJL	TAL BUF
Total/NA	Analysis	9012B		1	491021	09/09/19 15:36	MDL	TAL BUF

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL BUR = Eurofins TestAmerica, Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Accreditation/Certification Summary

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Laboratory: Eurofins TestAmerica, Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-20

Laboratory: Eurofins TestAmerica, Burlington

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
ANAB	Dept. of Defense ELAP	L2336	02-25-20
ANAB	DoD	L2336	02-25-20
Connecticut	State Program	PH-0751	09-30-19 *
DE Haz. Subst. Cleanup Act (HSCA)	State	N/A	05-15-20
DE Haz. Subst. Cleanup Act (HSCA)	State Program	NA	02-01-20
Florida	NELAP	E87467	06-30-20
Florida	NELAP	E87467	06-01-20
Minnesota	NELAP	050-999-436	12-31-19
Minnesota	NELAP	050-999-436	12-31-19
New Hampshire	NELAP	2006	12-18-19
New Jersey	NELAP	VT972	06-30-20
New Jersey	NELAP	VT972	06-30-20
New York	NELAP	10391	04-01-20
New York	NELAP	10391	03-31-20
Pennsylvania	NELAP	68-00489	04-30-20
Pennsylvania	NELAP	68-00489	04-30-20
Rhode Island	State Program	LAO00298	12-30-19
US Fish & Wildlife	US Federal Programs	058448	07-31-20
USDA	Federal	P330-11-00093	07-24-20
USDA	US Federal Programs	P330-17-00272	08-09-20
Vermont	State Program	VT-4000	12-31-19
Virginia	NELAP	460209	12-14-19
Virginia	NELAP	460209	12-14-19

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8270D SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	TAL BUF
8081B	Organochlorine Pesticides (GC)	SW846	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
537 (modified)	Fluorinated Alkyl Substances	EPA	TAL BUR
6010C	Metals (ICP)	SW846	TAL BUF
7470A	Mercury (CVAA)	SW846	TAL BUF
9012B	Cyanide, Total andor Amenable	SW846	TAL BUF
3005A	Preparation, Total Metals	SW846	TAL BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL BUF
3535	Solid-Phase Extraction (SPE)	SW846	TAL BUR
5030C	Purge and Trap	SW846	TAL BUF
7470A	Preparation, Mercury	SW846	TAL BUF
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL BUR = Eurofins TestAmerica, Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: New York State D.E.C.
Job ID: 480-158459-1
Project/Site: 34 Freeman's Bridge Rd. #447028

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-158459-1	MW-19D	Water	08/27/19 11:20	08/30/19 08:00	
480-158459-2	MW-15D	Water	08/27/19 16:40	08/30/19 08:00	
480-158459-3	MW-11D	Water	08/27/19 14:15	08/30/19 08:00	
480-158459-4	MW-30	Water	08/27/19 15:15	08/30/19 08:00	
480-158459-5	MW-32	Water	08/29/19 09:30	08/30/19 08:00	
480-158459-6	MW-20	Water	08/28/19 08:55	08/30/19 08:00	
480-158459-7	MW-33	Water	08/27/19 15:52	08/30/19 08:00	
480-158459-8	DUP	Water	08/27/19 00:00	08/30/19 08:00	
480-158459-9	MW-11	Water	08/27/19 13:06	08/30/19 08:00	
480-158459-10	MW-15	Water	08/29/19 12:45	08/30/19 08:00	
480-158459-11	MW-16 082719	Water	08/27/19 12:32	08/30/19 08:00	
480-158459-12	MW-23	Water	08/28/19 10:40	08/30/19 08:00	
480-158459-13	MW-19	Water	08/29/19 12:00	08/30/19 08:00	
480-158459-14	MW-18	Water	08/29/19 10:30	08/30/19 08:00	
480-158459-15	MW-20D	Water	08/28/19 09:20	08/30/19 08:00	
480-158459-16	MW-31	Water	08/28/19 12:30	08/30/19 08:00	
480-158459-17	EQUIP BLANK	Water	08/28/19 11:15	08/30/19 08:00	
480-158459-18	FIELD BLANK 1	Water	08/27/19 11:00	08/30/19 08:00	
480-158459-19	MW-23D	Water	08/28/19 10:20	08/30/19 08:00	
480-158459-20	FIELD BLANK 2	Water	08/28/19 11:30	08/30/19 08:00	
480-158459-21	MW-16D	Water	08/28/19 12:10	08/30/19 08:00	
480-158459-22	MW-21	Water	08/28/19 13:20	08/30/19 08:00	
480-158459-23	MW-21D	Water	08/28/19 13:45	08/30/19 08:00	

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

Albany #224

eurofins | Environment Testing TestAmerica

Client Information	Sampler: Alexandra Holden	Lab PM: Stone, Judy L	Carrier Tracking No(s):	COC No: 480-134415-22444.3
Client Contact: Mark Howard	Phone: 518 925 4957	E-Mail: judy.stone@testamericainc.com		Page: Page ~~2 of 4~~ 1 OF 3
Company: AECOM Technical Services Inc.		Analysis Requested		Job #:
Address: 40 British American Boulevard	Due Date Requested:			Preservation Codes: A - HCL, M - Hexane, N - None, L - EDA, Other:
City: Latham	TAT Requested (days): STANDARD			
State, Zip: NY, 12110				
Phone:	PO #: CallOut ID 136344			
Email: mark.howard@aecom.com	WO #:			
Project Name: 34 Freeman's Bridge Rd. #447028	Project #: 48005387			
Site:	SSOW#:			

480-158459 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs - OLM04.2	8081B - TCL Pesticides - OLM04.2	8270D - TCL SVOA - OLM04.2	6010C, 7470A	8260C - (MOD) TCL list OLM04.2	9012B - Cyanide, Total	8270D_SIM_MS_ID - 1,4-Dioxane	PFC_IDA - PFAS, Standard List (21 Analytes)	Total Number of containe	Special Instructions/Note:
			Preservation Code:				N	N	N	D	A	B	N	N		
~~MSD~~ MW-19D	8/27/19	1120	G	Water	N	N	X	X	X	X	X	X	X			
MW-15D	8/27/19	1640	G	Water		N	X	X	X	X	X	X	X	X		
MW-11D	8/27/19	1415	G	Water		Y	X	X	X	X	X	X	X	X		# MS/MSD here
MW-11				Water												
MW-30	8/27/19	1515	G	Water		N	X	X	X	X	X	X	X	X		
MW-~~18~~32	8/29/19	0930	G	Water			X	X	X	X	X	X	X			
MW-20	8/28/19	0855	G	Water			X	X	X	X	X	X	X	X		
MW-33	8/27/19	1552	G	Water			X	X	X	X	X	X	X	X		
DUP	—	—	G	Water			X	X	X	X	X	X	X	X		
MS	8/27/19	—	G	Water		Y	X	X	X	X	X	X	X	X		
MSD	8/27/19	—	G	Water		Y	X	X	X	X	X	X	X	X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: 1,4-Dioxane done by 8270 SIM | EQUIS EDD REQUIRED

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	8/29/19 1300	AECOM	Tim Knoller	8-29-19 1300	EUROFINS TA
Tim Knollmeyer	8-29-19 1800	EUROFINS TA	[signature]	8/30/19 0800	TAL
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

Albany #224

eurofins | Environment Testing TestAmerica

Client Information	Sampler:	Lab PM: Stone, Judy L	Carrier Tracking No(s):	COC No: 480-134415-22444.2
Client Contact: Mark Howard	Phone:	E-Mail: judy.stone@testamericainc.com		Page: Page ~~2 of 4~~ 2 OF 3
Company: AECOM Technical Services Inc.		Analysis Requested		Job #:
Address: 40 British American Boulevard	Due Date Requested:			Preservation Codes:
City: Latham	TAT Requested (days):			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
State, Zip: NY, 12110				Other:
Phone:	PO #: CallOut ID 136344			
Email: mark.howard@aecom.com	WO #:			
Project Name: 34 Freeman's Bridge Rd. #447028	Project #: 48005387			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs - OLM04.2	8081B - TCL Pesticides - OLM04.2	8270D - TCL SVOA - OLM04.2	6010C, 7470A	8260C - (MOD) TCL list OLM04.2	9012B - Cyanide, Total	8270D_SIM_MS_ID - 1,4-Dioxane	PFC_IDA - PFAS, Standard List (21 Analytes)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	D	A	B	N	N		
MW-11	8/27/19	1306	G	Water	N	N	X	X	X	X	X	X	X	X		
MW-~~20~~ 15	8/29/19	1245	G	Water			X	X	X	X	X	X	X			
MW-16 082719	8/27/19	1232	G	Water			X	X	X	X	X	X	X	X		
MW-~~20~~ 23	8/28/19	1040	G	Water			X	X	X	X	X	X	X			
MW-~~38~~ 19	8/29/19	1200	G	Water			X	X	X	X	X	X	X			
MW-18	8/29/19	1030	G	Water			X	X	X	X	X	X	X			
MW-20D	8/28/19	0920	G	Water			X	X	X	X	X	X	X			
(AG) MW-12 NO Sample				Water												
MW-31	8/28/19	1230	G	Water	N	N										
DUP				Water												
(AG) MS				Water												

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	08/29/19 1300	AECOM	Tim Knuller	8-29-19 1300	EUROFINS TA
Tim Knuller	8-29-19 1800	EUROFINS TA	[signature]	8/30/19 0800	TAB
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: #1 1.7, 1.1, 1.6, 2.0, 2.4, 2.7, 1.0, 1.4, 2.3

Ver: 01/16/2019

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

Albany #224

eurofins | Environment Testing TestAmerica

Client Information	Sampler:	Lab PM: Stone, Judy L	Carrier Tracking No(s):	COC No: 480-134415-22444.4
Client Contact: Mark Howard	Phone:	E-Mail: judy.stone@testamericainc.com		Page: ~~Page 4 of 4~~ 3 of 3
Company: AECOM Technical Services Inc.		Analysis Requested		Job #:
Address: 40 British American Boulevard	Due Date Requested:			Preservation Codes:
City: Latham	TAT Requested (days):			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
State, Zip: NY, 12110				Other:
Phone:	PO #: CallOut ID 136344			
Email: mark.howard@aecom.com	WO #:			
Project Name: 34 Freeman's Bridge Rd. #447028	Project #: 48005387			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs - OLM04.2	8081B - TCL Pesticides - OLM04.2	8270D - TCL SVOA - OLM04.2	6010C, 7470A	8260C - (MOD) TCL list OLM04.2	9012B - Cyanide, Total	8270D_SIM_MS_ID - 1,4-Dioxane	PFC_IDA - PFAS, Standard List (21 Analytes)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	D	A	B	N	N		
Equip. Blank	8/28/19	1115	G	Water										X		
Field Blank 1	8/27/19	1100	G	water	N	N								X		
MW-23D	8/28/19	1020	G	water												
Field-Blank 2	8/28/19	1130	G	water										X		
MW-16D	8/28/19	1210	G	water												
MW-21	8/28/19	1320	G	water												
MW-21D	8/28/19	1345	G	water												
AG																

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	08/29/19 1300	AECOM	Tim Knoll	8-29-19 1300	EUROFINS TA
Tim Knollman	8-29-19 1800	EUROFINS TA	Cwallace	8/30/19 0800	TAB
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

Albany #224

eurofins | Environment Testing TestAmerica

Client Information	Sampler: Alexandra Holden	Lab PM: Stone, Judy L	Carrier Tracking No(s):	COC No: 480-134415-22444.3
Client Contact: Mark Howard	Phone: 518 925 4957	E-Mail: judy.stone@testamericainc.com		Page: Page ~~2 of~~ 1 of 3
Company: AECOM Technical Services Inc.				Job #:
Address: 40 British American Boulevard	Due Date Requested:			
City: Latham	TAT Requested (days): STANDARD			
State, Zip: NY, 12110				
Phone:	PO #: CallOut ID 136344			
Email: mark.howard@aecom.com	WO #:			
Project Name: 34 Freeman's Bridge Rd. #447028	Project #: 48005387			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs - OLM04.2	8081B - TCL Pesticides - OLM04.2	8270D - TCL SVOA - OLM04.2	6010C, 7470A	8260C - (MOD) TCL list OLM04.2	9012B - Cyanide, Total	8270D_SIM_MS_ID - 1,4-Dioxane	PFC_IDA - PFAS, Standard List (21 Analytes)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	D	A	B	N	N		
~~MSD~~ MW-19D	8/27/19	1120	G	Water	N	N	X	X	X	X	X	X	X			
MW-15D	8/27/19	1040	G	Water		N	X	X	X	X	X	X	X	X		
MW-11D	8/27/19	1415	G	Water		Y	X	X	X	X	X	X	X	X		# MS/MSD here
~~MW-11~~				Water												
MW-30	8/27/19	1515	G	Water		N	X	X	X	X	X	X	X	X		
MW-~~#~~32	8/29/19	0930	G	Water			X	X	X	X	X	X	X			
MW-20	8/28/19	0855	G	Water			X	X	X	X	X	X	X	X		
MW-33	8/27/19	1552	G	Water			X	X	X	X	X	X	X	X		
DUP	—	—	G	Water			X	X	X	X	X	X	X	X		
MS	8/27/19	—	G	Water			X	X	X	X	X	X	X	X		
MSD	8/27/19	—	G	Water			X	X	X	X	X	X	X	X		

480-158459 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: 1,4-Dioxane done by 8270 SIM | EQuIS EDD Required

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	8/29/19 1300	AECOM	Tim Knollmeyer	8-29-19 1300	EUROFINS TA
2	Tim Knollmeyer	8-29-19 1800	EUROFINS TA	[signature]	8/30/19 1035	TA Buff
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: WB 1861

Cooler Temperature(s) °C and Other Remarks: 3.1

Ver: 01/16/2019

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

Albany #224

eurofins | Environment Testing TestAmerica

Client Information	Sampler:	Lab PM: Stone, Judy L	Carrier Tracking No(s):	COC No: 480-134415-22444.2
Client Contact: Mark Howard	Phone:	E-Mail: judy.stone@testamericainc.com		Page: Page ~~2 of 4~~ 2 of 3
Company: AECOM Technical Services Inc.				Job #:
Address: 40 British American Boulevard	Due Date Requested:			
City: Latham	TAT Requested (days):			
State, Zip: NY, 12110				
Phone:	PO #: CallOut ID 136344			
Email: mark.howard@aecom.com	WO #:			
Project Name: 34 Freeman's Bridge Rd. #447028	Project #: 48005387			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs - OLM04.2	8081B - TCL Pesticides - OLM04.2	8270D - TCL SVOA - OLM04.2	6010C, 7470A	8260C - (MOD) TCL list OLM04.2	9012B - Cyanide, Total	8270D_SIM_MS_ID - 1,4-Dioxane	PFC_IDA - PFAS, Standard List (21 Analytes)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	D	A	B	N	N		
MW-11	8/27/19	1306	G	Water	N	N	X	X	X	X	X	X	X	X		
MW-~~20~~ 15	8/29/19	1245	G	Water			X	X	X	X	X	X	X			
MW-16 082719	8/27/19	1232	G	Water			X	X	X	X	X	X	X	X		
MW-~~20~~ 23	8/28/19	1040	G	Water			X	X	X	X	X	X	X			
MW-~~25~~ 19	8/29/19	1200	G	Water			X	X	X	X	X	X	X			
MW-18	8/29/19	1030	G	Water			X	X	X	X	X	X	X			
MW-20D	8/28/19	0920	G	Water			X	X	X	X	X	X	X			
(AG) MW-12 No sample				Water												
MW-31	8/28/19	1230	G	Water	N	N										
(AG) DUP				Water												
MS				Water												

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		08/29/19 1300	AECOM	Tim Knollman	8-29-19 1300	EUROFINS-TA
2	Tim Knollman	8-29-19 1800	EUROFINS TA		8/30/19 10:30	TA Buff
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: 1131361

Cooler Temperature(s) °C and Other Remarks: 3.1

Ver: 01/16/2019

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

Albany #224

eurofins | Environment Testing TestAmerica

Client Information	Sampler:	Lab PM: Stone, Judy L	Carrier Tracking No(s):	COC No: 480-134415-22444.4
Client Contact: Mark Howard	Phone:	E-Mail: judy.stone@testamericainc.com		Page: Page ~~1 of 4~~ 3 of 3
Company: AECOM Technical Services Inc.		Analysis Requested		Job #:
Address: 40 British American Boulevard	Due Date Requested:			Preservation Codes:
City: Latham	TAT Requested (days):			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
State, Zip: NY, 12110				
Phone:	PO #: CallOut ID 136344			Other:
Email: mark.howard@aecom.com	WO #:			
Project Name: 34 Freeman's Bridge Rd. #447028	Project #: 48005387			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs - OLM04.2	8081B - TCL Pesticides - OLM04.2	8270D - TCL SVOA - OLM04.2	6010C, 7470A	8260C - (MOD) TCL list OLM04.2	9012B - Cyanide, Total	8270D_SIM_MS_ID - 1,4-Dioxane	PFC_IDA - PFAS, Standard List (21 Analytes)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	D	A	B	N	N		
Equip. Blank	8/28/19	1115	G	Water										X		
Field Blank 1	8/27/19	1100	G	Water	N	N								X		
MW-23D	8/28/19	1020	G	Water												
Field-Blank 2	8/28/19	1130	G	Water										X		
MW-16D	8/28/19	1210	G	Water												
MW-21	8/28/19	1320	G	Water												
MW-21D	8/28/19	1345	G	Water												
(AG)																

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	08/29/19 1300	AECOM	[signature]	8-29-19 1300	EUROFINS TA
2	[signature]	8-29-19 1800	EUROFINS TA	[signature]	8/30/19 10:35	Fed Ex
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.: 113161	Cooler Temperature(s) °C and Other Remarks: 3.1

Ver: 01/16/2019

FROM: (518) 438-8140
TIM KNOLLMEYER
TESTAMERICA LAB INC
25 KRAFT AVE

ALBANY NY 12205
US

SHIP DATE: 29AUG19
ACTWGT: 72.55 LB
CAD: 0439821/CAFE3211

BILL 3rd PARTY

TO **SAMPLE RECEIVING**
TESTAMERICA – BURLINGTON
30 COMMUNITY DRIVE, SUITE 11

BURLINGTON VT 05403 **(US)**
(802) 660-1990
REF: BALDWIN PLACE/FREEMANS BRIDGE

FedEx Ground

TRK# **1034 8839 6657**

05403

9622 0417 3 (000 000 0000) 0 00 1034 8839 6657

Part # 156148-434 RIT EXP 09/19

551C2/F551/104C

J181118060501

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-158459-1

Login Number: 158459

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Wallace, Cameron

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	AECOM
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-158459-1

Login Number: 158459
List Number: 2
Creator: McNabb, Robert W

List Source: Eurofins TestAmerica, Burlington
List Creation: 09/05/19 04:48 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	1131361
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.1ºC
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	AH
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Appendix E

MW-18 and MW-19 Well Construction Logs

DRILLING SUMMARY

Geologist: GD

Contractor: CTS

Operator: ZF

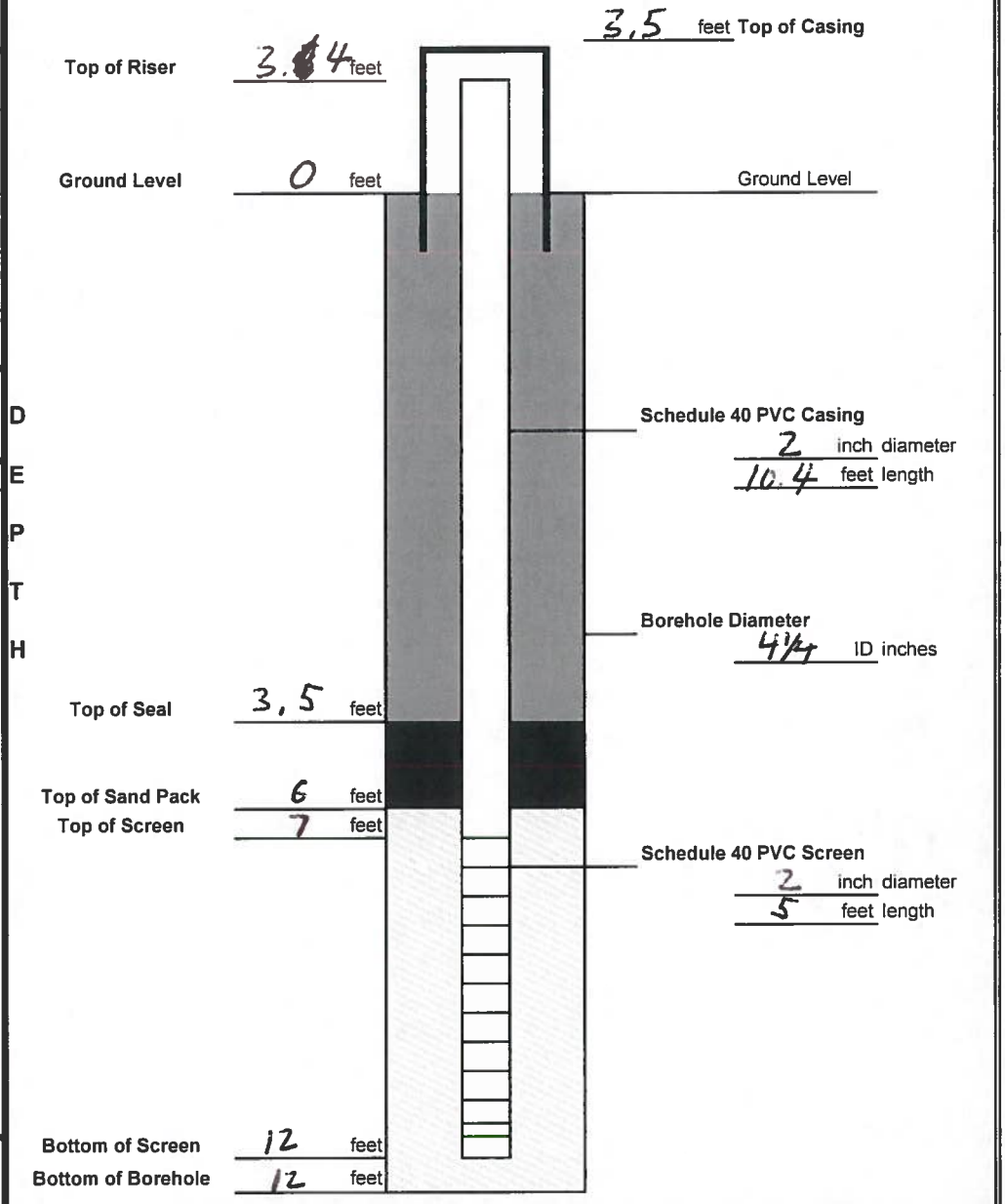
Model: Geoprobe

Date: 10/18/18

GEOLOGIC LOG

Depth(ft.)	Description

WELL DESIGN



CASING MATERIAL

Surface: 4" Steel protective cover (Stick Up)

Monitor: 2" Schedule 40 PVC

SCREEN MATERIAL

Type: 2" Schedule 40 PVC

Slot Size: 0.020"

FILTER MATERIAL

Type: #2 well sand

Setting: #0

SEAL MATERIAL

Type 1: Bentonite chips

Setting:

Type 1:

Setting:

COMMENTS:

DTW = 9.5 fbg

LEGEND

- Cement Grout
- Bentonite Seal
- Sand Pack

Client: NYSEG

Location: Freemans Bridge

Project No.:

URS Corporation

MONITORING WELL CONSTRUCTION DETAILS

Well Number: MW-18

DRILLING SUMMARY

Geologist: 60

Contractor: CTS

Operator: ZF

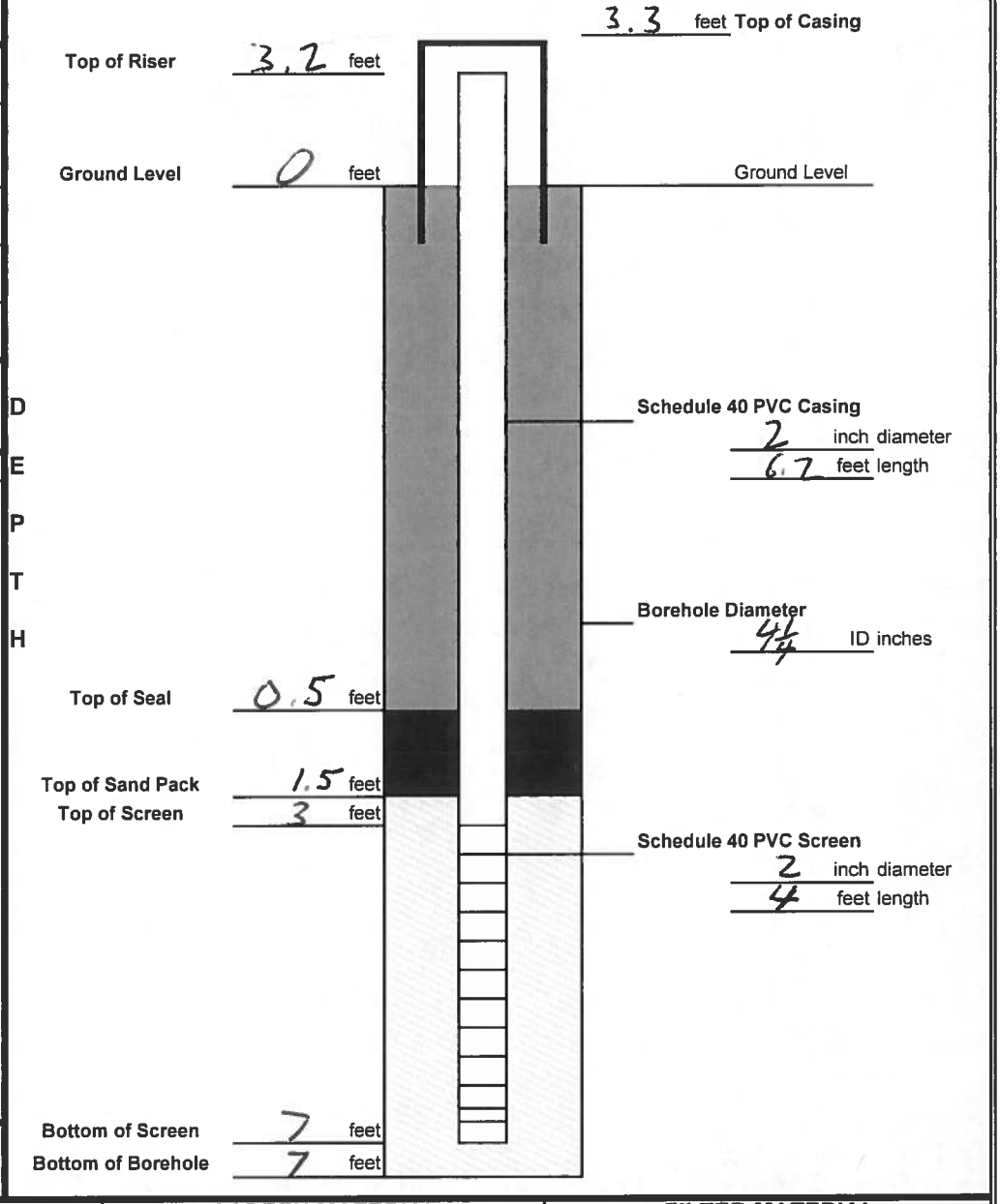
Model: 6eop

Date: 10/18/18

GEOLOGIC LOG

Depth(ft.)	Description

WELL DESIGN



CASING MATERIAL

Surface: 1/4" Steel protective cover (Stick Up)

Monitor: 2" Schedule 40 PVC

SCREEN MATERIAL

Type: 2" Schedule 40 PVC

Slot Size: 0.020"

FILTER MATERIAL

Type: #1 well sand

Setting: 0

SEAL MATERIAL

Type 1: Bentonite chips

Setting:

Type 1:

Setting:

COMMENTS:

DTW = 6.28

LEGEND

- Cement Grout
- Bentonite Seal
- Sand Pack

Client: NYSDEC	**Location:**	**Project No.:**
URS Corporation	**MONITORING WELL CONSTRUCTION DETAILS**	**Well Number:** MW-19

Appendix F

MW-18 and MW-19 Well Survey Data

NYSDEC Site No. 4-47-028, 34 Freemans Bridge Rd, Glenville, NY

Monitoring Well Locations
Survey Date January 2020

MONITORING WELLS	NORTHING	EASTING	ELEVATION	POINT #
MW-18 CASING	1457906.4530	645061.3360	230.95	2005
MW-18 MP (measure point)			230.75	
MW-19 CASING	1457579.3400	644807.9660	228.15	2001
MW-19 MP (measure point)			227.89	

Northings and Eastings referenced to New York State Plane Coordinate System, East Zone, NAD 83 (2011)
Elevations are referenced to North American Vertical Datum (NAVD 88)

Appendix G

IDW Disposal Manifest

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD003602396	1	800 255 3924	10 02092 01

GENERATOR

5. Generator's Name and Mailing Address
NYS DEC Region 4
625 Broadway
Albany, NY 12233
Attn: Lindsay Mitchell
Generator's Phone: 518-561-2375

Generator's Site Address (if different than mailing address)
NYS DEC - 34 Freemans Bridge Road #447208
34 Freemans Bridge Road
Glenville NY 12302

6. Transporter 1 Company Name
Precision Industrial Maintenance, Inc.
U.S. EPA ID Number: NYD981031814

7. Transporter 2 Company Name
Alert Pump Service, Inc.
U.S. EPA ID Number: NJD986312047

8. Designated Facility Name and Site Address
Cycle Chem, Inc.
217 South First Street
Elizabeth NJ 07206
Facility's Phone: 908 355-0800
U.S. EPA ID Number: NJD002200040

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-RCRA, non-DOT Regulated Solid (IDW - soil)	002	DM	450	P	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)(IDW-Soil) / Profile# _____ / CONTAINER QTY. & SIZE: 002/55g / Job#19-020

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Steve Schyler | Signature | Month: 11 | Day: 20 | Year: 19

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

GC Labels • Printed in the USA
1-800-997-6966

GENERATOR'S/SHIPPER'S INITIAL COPY

Reorder Part# MANIFEST-C6NHWC
913-897-6966

Appendix H

November 2019 Site Walk Documentation and NYSDEC Letters

DAILY FIELD CONSTRUCTION REPORT

Project Construction Day:	Not applicable	Day:	Tuesday	Date:	November 5, 2019

NYSDEC	34 Freeman's Bridge Road Site (NYSDEC Site # 447028)	Glenville, Schenectady County, New York

Daily Tailgate Safety Meeting

Topic:

Performed By:

Condition of Erosion and Storm Water Controls: No erosion or storm water controls were noted

Comments:

Air Monitoring Levels within limits: Not measured

Comments:

1. Construction/Oversight/Consultant Personnel Onsite:

Number	Trade	Hours	Cumulative Hours	Employee / Employer
				Brianna Scharf / NYSDEC
				Sarah Saucier / NYSDEC
				Daniel Servetas / AECOM
				Renata Spinosa / AECOM
				Joe Popolizio / Property Owner Representative
				Matthew Root / National Grid
				Tom Coppola / Commissioner of Public Works and Highway Superintendent, Town of Glenville
				Scott Paluba / Superintendent of Water & Sewer, City of Schenectady
	Total Hours			

Comments:

Equipment	Arrival Date	Departure Date	Decontamination Date

2. Attachments:

Attachment Number	Description	Reviewed By:
1	Photograph Log	L. Mitchell

3. Tests Performed and Test Results: None

Comments:

Type of Sample	Sample Date	Matrix	Sample ID Number	Analyses Requested (for each sample)	Comments
NA	NA	NA	NA	NA	NA

4. Offsite Surveillance Activities:

Project Construction Day:	Not applicable	Day:	Tuesday	Date:	November 5, 2019

- None

5. Description of Work Performed Today:

- Arrived on-site: 10 am
- Personnel: NYSDEC x2, AECOM x2, property owner representative, National Grid, Town of Glenville, City of Schenectady
- The Town of Glenville and City of Schenectady representatives left before the site walk. The National Grid representative restated that there should be no work or nonpermitted equipment on the National Grid 150-foot easement. After this statement, he left prior to the site walk as well.
- The AECOM representatives, NYSDEC representatives and the property owner representative attended the site walk. The filled portion of the site area (approximately 50%) appears to be up to 4 feet higher in elevation. This filled area includes a portion of the National Grid easement. The property owner representative indicated that the fill material (soil and other debris) was sourced from 2 clean locations. Fill sources consist of the Stratton Air National Guard Base and a sewer project in the City of Schenectady.
- Each of the 20 wells associated with the site were inspected and photographed. Wells MW-12, MW-21, MW-21D, MW-30, and MW-32 were noted to be most likely impacted based on the exterior condition of the wells and their surroundings; however, the overall integrity of the wells could not be evaluated during the site visit. The other 15 wells did not appear to be impacted, based on their external conditions. Pictures of all 20 wells can be found in the attached photograph log.
- Action Items: AECOM agreed to submit a list of action items for the property owner to comply with to the NYSDEC. AECOM will also arrange for the three investigation-derived waste (IDW) drums currently on-site to be disposed of. The property owner representative agreed to fill out a Change of Use Notification Form and submit it to the NYSDEC as soon as possible, and to provide fill material source information and analytical data, if available.
- Off-site: 11:30 am

6. Deviations from Work Plan:

- Not applicable

7. Transportation and Disposal of Liquids, Solids, Recyclable Steel, and NYSDEC Property.

Hazardous Transportation and Disposal				
Waste Type	**Daily Volume**	**Cumulative Volume**	**Transporter**	**Disposal Facility**
NA	0	0	NA	NA
Non-Hazardous Transportation and Disposal				
Waste Type	**Daily Volume**	**Cumulative Volume**	**Transporter**	**Disposal Facility**
NA	0	0	NA	NA
Other Waste or Property				
Waste Type	**Daily Volume**	**Cumulative Volume**	**Transporter**	**Disposal Facility**
NA	NA	NA	NA	NA
Comments:	The property owner must provide the sources, volumes and analytical data (if available) for material imported onto the site as well as changes to the surface elevation since the Site Management Plan (SMP) was issued.			

8. Material Received: (Note inspection results and storage provided).

						Inspection Results		
Item	**Daily Quantity**	**Cumulative Quantity**	**Units**	**Description**	**Storage Provided**	**Accept**	**Reject**	**Comments**

9. Remarks: (Instructions received or given. Conflict(s) in Plans and/or specifications. Delays encountered.)

- Not applicable

10. Planned Activities for Next Day of Work:

- Not applicable

DAILY FIELD CONSTRUCTION REPORT

Project Construction Day:	Not applicable	Day:	Tuesday	Date:	November 5, 2019

Consultant's Verification: On behalf of the Consultant, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Lindsay Mitchell

Lindsay Mitchell
AECOM Project Manager

12/9/19
Date

Attachment 1
Photograph Log

34 Freeman's Bridge Road
NYSDEC Site No. 447028



MW-19 (left, yellow) & MW-19D (right, brown) – Do not appear to be affected



MW-15 (top) & MW-15D (bottom) – Do not appear to be affected



MW-21 (right) & MW-21D (left) – Likely affected



MW-30 – Likely affected



MW-31 Photo 1 – Does not appear to be affected



MW-31 Photo 2 – Does not appear to be affected



MW-23 (left) & MW-23D (right) – Do not appear to be affected



MW-11 (right) & MW-11D (left) – Do not appear to be affected



MW-12 – Likely affected



MW-20 (left) & MW-20D (right) – Do not appear to be affected



MW-32 – Likely affected



MW-33 – Does not appear to be affected



MW-18 – Does not appear to be affected



MW-16 (left) & MW-16D (right) – Do not appear to be affected

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Office of the General Counsel
625 Broadway, 14th Floor, Albany, New York 12233-1500
P: (518) 402-9185 | F: (518) 402-9018
www.dec.ny.gov

November 15, 2019

Certified Mail, Return Receipt Requested

Mr. Pat Popolizio
P & J Glenville Corporation
2 Freemans Bridge Road
Glenville, NY 12302

Re: Notice of Violation
34 Freemans Bridge Road, Town of Glenville, New York
Superfund Site No. 447028

This Notice of Violation ("NOV") relates to the November 5, 2019 inspection performed by the New York State Department of Environmental Conservation ("Department") at 34 Freemans Bridge Road Superfund Site, Site No. 447028. The parcel of real property located at 34 Freemans Bridge Road, Town of Glenville, Schenectady County, New York is identified as Tax Map Parcel No. 30.19-1-26.1 and is currently owned by P & J Glenville Corporation.

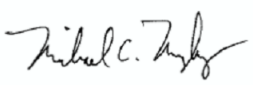
The Department completed remediation of this former Class 2 site (the "Site"), successfully achieving soil cleanup objectives for commercial use. Residual contamination in soil and groundwater at the Site is managed under a Site Management Plan ("SMP") dated July 11, 2008, which includes required monitoring activities. An institutional control in the form of an Environmental Notice, which was recorded with the Schenectady County Clerk on March 20, 2014, provides notice that, among other things, there shall be no disturbance or excavation of the Site which threatens the integrity of existing engineering controls managed under the SMP. Violations of the Environmental Notice provisions are violations of the Department's regulations promulgated at 6 NYCRR Part 375. Both the SMP and the Environmental Notice are in place to protect the public, the environment and the remedy at the Site, and must be followed by any owner or user of the Site.

Upon the inspection of the Site, Department staff concluded that activities at the Site have not complied with 6 NYCRR Part 375, the Environmental Notice and the Site's SMP.

In order to resolve these violations, you must comply with the enclosed Schedule of Compliance. Failure to implement the Schedule of Compliance may result in enforcement action being initiated against P & J Glenville Corporation. The Department received a change of use notification for the Site on November 7, 2019, and the Department reminds P & J Glenville Corporation that subsequent notifications are required for any future activities at the Site that constitute a change of use.

Thank you for your attention to this matter. If you or your legal counsel have any questions, please contact me at (518) 402-8564 or michael.murphy1@dec.ny.gov. Alternatively, you or your consultant may contact Brianna Scharf, Department of Environmental Remediation Project Manager, at (518) 402-5987 or brianna.scharf@dec.ny.gov with any questions related to technical issues.

Sincerely,



Michael C. Murphy
Office of General Counsel

Encl.

ec: M. Cruden
S. Saucier
B. Scharf
L. Mitchell – AECOM
D. Servetas – AECOM
L. Sullivan – National Grid
M. Root – National Grid
Christopher A. Koetzle – Supervisor

SCHEDULE OF COMPLIANCE
Freemans Bridge Road Site No. 447028

Backfill Materials

1. Within thirty days of receipt of the NOV, P & J Glenville Corporation shall perform a topographical survey, including elevations, of the entire fill area and monitoring wells at the site and submit the survey to the Department.
2. Within thirty days of receipt of the NOV, P & J Glenville Corporation shall provide the Department with sufficient data, showing the backfill meets the soil cleanup objectives for commercial use. In the event the materials do not meet the soil cleanup objectives for commercial use, the materials should be removed and properly disposed of offsite within forty-five days of receipt of the NOV.
3. Within thirty days of receipt of the NOV, P & J Glenville Corporation shall remove the broken asphalt from the property as discussed on November 5, 2019.

Damaged Groundwater Monitoring Wells

1. Within thirty days of receipt of the NOV, P & J Glenville Corporation shall provide a work plan to repair and/or replace the damaged monitoring wells (MW-12, MW-21, MW-21D, MW-30 and MW-32).

National Grid Utility Right of Way

1. Within thirty days of receipt of the NOV, P & J Glenville Corporation shall submit an evaluation of the clearance between the ground surface and overhead utilities to the Department and National Grid.
2. Within forty-five days of receipt of the NOV, P & J Glenville Corporation shall move all boats, debris and fill material from the National Grid utility right-of-way unless P & J Glenville Corporation has obtained National Grid’s approval to leave the fill in place.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation
625 Broadway, 12th Floor, Albany, New York 12233-7011
P: (518) 402-9706 | F: (518) 402-9020
www.dec.ny.gov

January 21, 2020

Mr. Pat Popolizio
P & J Glenville Corporation
2 Freemans Bridge Road
Glenville, NY 12302

Re: Notice of Violation
34 Freemans Bridge Road, Town of Glenville, NY
State Superfund Site No. 447028

Dear Mr. Popolizio:

This letter is in response to correspondence the New York State Department of Environmental Conservation ("Department") received from P & J Glenville Corporation (P & J) on December 17th, 2019, relating to the Notice of Violation (NOV) for 34 Freemans Bridge Road Superfund Site, Site No. 447028 located in Glenville, Schenectady County, New York.

Following an inspection completed on November 5, 2019, the Department sent a Notice of Violation outlining items that are not in compliance with the Site Management Plan and allowed 30 days to come into compliance.

Correspondence was received from P & J which responded to the violations noted by the Department. Below is each violation, followed by P&J's response and Department review of each response.

<u>Backfill Materials</u>

1. Within thirty days of receipt of the NOV, P & J Glenville corporation shall perform a topographical survey, including elevations, of the entire fill area and monitoring wells at the site and submit the survey to the Department.

   P & J Response: A copy of the requested topographical survey of the fill area and monitoring wells is attached. The survey was performed by ABD Engineers of Schenectady, NY.

   Department Review: The Department has several items that should be addressed:
   1) A North arrow needs to be included;
   2) Adjacent streets must be labeled;

3) *The locations of quite a few monitoring wells (MWs), including at least one which appears to have been affected by the earth moving activities (MW-12) have not been surveyed for location and/or elevation. These include MW-19, MW-19D, MW-18, MW-15, MW-15D, MW-20, MW-20D, MW-16, and MW-16D;*
4) *Note 1 states that the field survey was completed on June 30, 2016. If this is incorrect, then the date the survey was performed needs to be updated;*
5) *Note 3 (reason survey was completed) is incorrect; and*
6) *Note 9: the reference elevations for the MWs is unclear. Are the elevations provided from the top of the casing or ground elevation?*

2. Within thirty days of receipt of NOV, P & J Glenville Corporation shall provide the Department with sufficient data, showing the backfill meets the soil cleanup objectives for commercial use. In the event the materials do not meet the soil cleanup objectives for commercial use, the materials should be removed and properly disposed of offsite within forty-five days of receipt of the NOV."

   P&J Glenville Corp Response: Attached, are documents which provide information on the sources of the clean fill. The materials came from the following four contractors:

   - Callanan Industries 8000 cubic yards
   - Plank Construction 3600 cubic yards
   - City of Schenectady 400 cubic yards
   - Wm. Larned & Sons 6700 cubic yards

   I personally interviewed each contractor and stressed the importance that only clean fill would be accepted at this site. Each of the contractors confirmed that they had either checked the fill themselves, or had it tested, before it was deposited at this site. In addition, I spent two to five hours per day at the location when the material was delivered, to ensure that it was clean fill.

   NYSDEC Response: Based upon the response provided, the Department does not have sufficient enough data to deem the materials brought on-site as clean fill. As per 6 NYCRR Part 375-3.1, soil brought to the site for use as a soil cover or backfill must not exceed commercial soil cleanup objectives for the use of the site, as set forth in Tables 375-6.8(b). The materials brought onto the 34 Freemans Bridge Road site must be tested at a certified lab and comply with the commercial soil cleanup objectives. Please submit a work plan within 30 days of this letter outlining how the materials will be tested.

3. Within thirty days of receipt of the NOV, P&J Glenville Corporation shall remove the broken asphalt from the property as discussed on November 5, 2019.

   P&J Glenville Corp. Response: The broken asphalt, as discussed at November 5th on-site meeting, was removed, away from the National Grid property.

NYSDEC Response: The Department accepts this response

Damaged Groundwater Monitoring Wells

1. Within thirty days of receipt of the NOV, P & J Glenville Corporation shall provide a work plan to repair and/or replace the damaged monitoring wells (MW-12, MW-21, MW-21D, MW- 30 and MW-32).

   P&J Response: It is our understanding that the Monitoring Wells have been checked periodically over the past several years, and we were never made aware of any damage. I asked ABD Engineers to inspect the Monitoring Wells, and they did not detect any damage that would preclude sampling. At this time, it appears that the only necessary change would be to extend the wells to new ground level.

   NYSDEC Response: Based upon the site walk conducted by the Department and AECOM on November 5th, as shown in the attached exhibits, five monitoring wells (MW-12, MW-21, MW-21D, MW-30, and MW-32) were damaged. Additionally, these monitoring wells will need to be extended to account for the new surface level at the site.

National Grid Utility Right of Way

1. Within thirty days of receipt of the NOV, P&J Glenville Corporation shall submit an evaluation of the clearance between the ground surface and overhead utilities to the department and National Grid.

   P&J Response: ABD Engineers has provided an evaluation of the clearance between the ground surface and overhead utilities, which is included in the attached topographical survey. I have emailed a copy of this to National Grid

   NYSDEC Response: Based upon communication with National Grid, all material that was located within the National Grid Right of Way were moved onto P&J Glenville property and the Department accepts this response.

2. Within forty-five days of receipt of the NOV, P&J Glenville Corporation shall move all boats, debris, and fill material from the National Grid utility right-of-way unless P&J Glenville Corporation has obtained National Grid's approval to leave the fill in place.

   P&J Response: All debris, material, and boats have been removed from the National Grid right-of-way. National Grid was notified on November 20th, and photos of the area were sent at that time. See attached email and photos.

   NYSDEC Response: Based upon communication with National Grid, the Department accepts this response.

Thank you for your attention to this matter. If you or your legal counsel have any questions, please contact the project attorney Michael Murphy at (518) 402-8564 or michael.murphy1@dec.ny.gov. Alternatively, you or your consultant may contact Brianna Scharf, Department of Environmental Remediation Project Manager, at (518) 402-5987 or brianna.scharf@dec.ny.gov with any questions related to technical issues.

Sincerely,

Brianna Scharf, E.I.T.
Project Manager
Remedial Bureau E, Section C
Division of Environmental Remediation

ec:

M. Cruden
S. Saucier
M. Murphy, OGC
V. Schmitt, R4 Haz Waste Engineer
L. Mitchell- AECOM
D. Servetas- AECOM
M. Root- National Grid
Christopher A. Koetzle- Supervisor



FIGURE 1: MONITORING WELL, MW-32 UNDER WATER



FIGURE 2: MONITORING WELLS MW-21 (RIGHT) AND MW-21D (LEFT)



FIGURE 3: MONITORING WELL, MW-12 TILTED



FIGURE 4: MONITORING WELL, MW-30 CAP KNOCKED OFF WITH MUD IN THE WELL

Appendix I

Annual Institutional and Engineering Certification Forms

Site Name: 34 Freemans Bridge Road
Site No. 447028
34 Freemans Bridge Road
Glenville, Schenectady County, NY
Tax Map: 30.19-1-26.1 Parcel No. 1

ENVIRONMENTAL NOTICE

THIS ENVIRONMENTAL NOTICE is made the 5th day of March 2014, by the New York State Department of Environmental Conservation (Department), having an office for the transaction of business at 625 Broadway, Albany, New York 12233.

WHEREAS, that parcel of real property located at the address of 34 Freemans Bridge Road in the Town of Glenville, County of Schenectady, and State of New York, known and designated on the tax map of the County Clerk of the County of Schenectady as tax map parcel number: Section 30.19 Block 1 Lot 26.1 Parcel No.1 which is part of lands conveyed by Anna Kichton to Lyons Ventures, Inc. by deed dated September 19, 1978 and recorded on October 13, 1978, in Book Liber 1021 of Deeds at page 829 from the County of Schenectady the property being more particularly described in the metes and bounds and tax map and attached hereto as Appendix "A" to this notice and made a part hereof, and hereinafter referred to as "the Property" and is the subject of a remedial program performed by the Department; and

WHEREAS, the Department approved a cleanup program to address contamination disposed at the Property and such cleanup was conditioned upon certain limitations.

NOW, THEREFORE, the Department provides notice that:

FIRST, the part of lands subject to this Environmental Notice is as shown on a map attached to this Notice as Appendix "B" and made a part hereof.

SECOND, unless prior written approval by the Department or, if the Department shall no longer exist, any New York State agency or agencies subsequently created to protect the environment of the State and the health of the State's citizens, hereinafter referred to as "the Relevant Agency," is first obtained, where contamination remains at the Property subject to the provisions of the Site Management ("SM"), Plan there shall be no disturbance or excavation of the Property which threatens the integrity of the engineering controls or which results or may result in a significantly increased threat of harm or damage at any site as a result of exposure to soils. A violation of this provision is a violation of 6 NYCRR 375-1.1 1(b)(2).

THIRD, no person shall disturb, remove, or otherwise interfere with the installation, use, operation, and maintenance of engineering controls required for the Remedy, including but not limited to those engineering controls described in the SM Plan and listed below, unless in each instance they first obtain a written waiver of such prohibition from the Department or Relevant Agency.

FOURTH, the remedy was designed to be protective for Commercial use as described in 6 NYCRR Part 375-1.8(g)(2)(iii) and Industrial use as described in 6 NYCRR Part 375-1.8(g)(2)(iv). Therefore, any use for purposes other than Commercial or Industrial uses without the express written waiver of such prohibition by the Relevant Agency may result in a significantly increased threat of harm or damage at the site.

Site Name: 34 Freemans Bridge Road
Site No. 447028
34 Freemans Bridge Road
Glenville, Schenectady County, NY
Tax Map: 30.19-1-26.1 Parcel No. 1

FIFTH, no person shall use the groundwater underlying the Property without treatment rendering it safe for drinking water or industrial purposes, as appropriate, unless the user first obtains permission to do so from the Department or Relevant Agency. Use of the groundwater without appropriate treatment may result in a significantly increased threat of harm or damage at the site.

SIXTH, it is a violation of 6 NYCRR 375-1.11(b) to use the Property in a manner inconsistent with this environmental notice.

IN WITNESS WHEREOF, the undersigned has executed this instrument the day written below.

By: _____
Robert W. Schick, P.E., Director
Division of Environmental Remediation

STATE OF NEW YORK) ss:
COUNTY OF ALBANY)

On the 5th day of March, in the year 2014, before me, Robert. W. Schick, the undersigned, personally appeared, and is personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/ executed the same in his/her/ capacity as Designee of the Commissioner of the State of New York Department of Environmental Conservation, and that by his/her/ signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

_____
Notary Public – State of New York

David J. Chiusano
Notary Public, State of New York
No. 01CH5032146
Qualified in Schenectady County
Commission Expires August 22, 2014

Site Name: 34 Freemans Bridge Road
Site No. 447028
34 Freemans Bridge Road
Glenville, Schenectady County, NY
Tax Map: 30.19-1-26.1 Parcel No. 1

APPENDIX A

METES AND BOUNDS DESCRIPTION

A Description of
Lands of Lyons Ventures, Inc.
Parcel No. 1

All that tract or parcel of land situate in the Town of Glenville, County of Schenectady, State of New York, and being more precisely described as follows:

Statements:

1. *All set monuments are 5/8-inch by 30-inch reinforcement rod, extending 0.5 feet above grade with a 1 3/8-inch diameter red plastic cap, marked "THEW-ASSOCIATES UTICA, NY" (herein after referred to as a 5/8-inch rebar).*
2. *The parcel of land described herein is intended to be a portion of the same premises conveyed by Anna Kichton to Lyons Ventures, Inc., by deed dated September 19, 1978 and recorded in the Schenectady County Clerk's Office on October 13, 1978 in Liber 1021 of Deeds at Page 829.*
3. *Reference to an adjoining landowner does not necessarily imply senior title. The adjoining landowners are cited for reference only, unless otherwise noted.*

Beginning *at a PK nail found on the easterly bounds of Freeman's Bridge Road (also known as Schenectady – Thomas Corners State Highway No. 1172 - variable width), said PK nail being 51± feet distant easterly measured at right angles from Station 56+14± of the survey baseline for the reconstruction of a portion of the Schenectady-Thomas Corners, State Highway 1172 (1980), said PK nail also being at the northwesterly corner of a parcel of land conveyed by Dorothy A. Hickok as executor of David W. Hickok to Dorothy A. Hickok by deed dated April 19, 2002 and recorded in the Schenectady County Clerk's Office on April 23, 2002 in Liber 1622 of Deeds at Page 442, said PK nail having New York State plane coordinates (NAD83-East Zone) of 1,457,742.91 feet North and 644,554.49 feet East;*

thence along the easterly bounds of Freeman's Bridge Road, the following courses and distances:

North 13 degrees 30minutes 14 seconds West a distance of 22.74 feet to a set PK nail, said PK Nail being 50.34± feet distant easterly measured at right angles from Station 56+37.37± of said survey baseline;

North 07 degrees 44 minutes 53 seconds West a distance of 105.04 feet to a set Mag nail; said Mag nail being 57.92± feet distant easterly measured at right angles from Station 57+42.14± of said survey baseline; North 03 degrees 20 minutes 27 seconds West a distance of 85.47 feet to set Mag nail; said Mag nail being 70.62± feet distant easterly measured at right angles from Station 58+26.66± of said survey baseline;

North 10 degrees 30 minutes 27 seconds West a distance of 37.25 feet to a 5/8-inch rebar set at the southwesterly corner of a parcel of land conveyed by William

E. and Alice B. Glindmyer to John Oliver Hornfeck by deed dated August 28, 1981 and recorded in the Schenectady County Clerk's Office on August 28, 1981 in Liber 1048 of Deeds at Page 543, said rebar being 71.52± feet distant easterly measured at right angles from Station 58+63.90± of said survey baseline;

thence along the southerly, easterly and northerly lines of Hornfeck, the following courses and distances:

North 82 degrees 35 minutes 48 seconds East a distance of 268.60 feet to set 5/8-inch rebar;

North 07 degrees 24 minutes 12 seconds West a distance of 300.00 feet to a set 5/8-inch rebar;

South 82 degrees 17 minutes 53 seconds West a distance of 17.20 feet to a 5/8-inch rebar set at the southeasterly corner of a parcel of land conveyed by Leonard J. Montorio, and Louis A. Venditti to Erwin C. and Joan H. Grant by deed dated November 11, 1982 and recorded in the Schenectady County Clerk's Office on November 12, 1982 in Liber 1058 of Deeds at Page 520;

thence North 13 degrees 36 minutes 11 seconds West, along the easterly line of Erwin C. and Joan H. Grant, a distance of 95.00 feet to a 5/8-inch rebar set on the southerly line of a parcel of land conveyed by Williams and Betty Lyons to Dominick Mangino by deed dated July 20, 1990 and recorded in the Schenectady County Clerk's Office on September 5, 1990 in Liber 1276 of Deeds at Page 203;

thence along the southerly, easterly, northerly and westerly lines of Dominick Mangino, the following courses and distances:

North 85 degrees 03 minutes 49 seconds East a distance of 96.60 feet to a set 5/8-inch rebar;

North 26 degrees 28 minutes 49 seconds East a distance of 376.70 feet to a set 5/8-inch rebar;

North 53 degrees 34 minutes 11 seconds West a distance of 128.55 feet to 5/8-inch rebar set on the southerly side of Warner Creek;

continuing North 53 degrees 34 minutes 11 seconds West a distance of 19.5 feet, more or less, to a point in the centerline of Warner Creek;

South 34 degrees 26 minutes 08 seconds West, along the center of Warner Creek, a distance of 4.8 feet, more or less, to the southeasterly corner of a parcel of land conveyed by Henry DeArroyo to Alphonse M. and Linda Ann DeArroyo by deed dated March 15, 2000 and recorded in the Schenectady County Clerk's Office on May 12, 2000 in Liber 1577 of Deeds at Page 976;

thence North 55 degrees 27 minutes 17 seconds West, along the easterly line of Alphonse M. and Linda Ann DeArroyo, a distance of 300.67 feet to a 5/8-inch rebar set on the easterly bounds of Maple Ave (County Route 29), said rebar being 41± feet distant easterly measured at right angles from Station M105+25; of the survey baseline for the reconstruction of a portion of the Schenectady-Thomas Corners, State Highway 1172 (1980),

thence along the easterly bounds of Maple Avenue, the following courses and distances:

North 32 degrees 41 minutes 19 seconds East a distance of 150.00 feet to a set 5/8-inch rebar; said rebar being 36.45± feet distant easterly measured at right angles from Station M106+74.92± of said survey baseline;

North 34 degrees 38 minutes 10 seconds East a distance of 657.73 feet to a set 5/8-inch rebar; said rebar being 27.4± feet distant easterly measured at right angles from Station 1+05± of said survey baseline;

North 45 degrees 59 minutes 27 seconds East a distance of 97.88 feet to a 3/4-inch rebar with a 1 1/4-inch diameter yellow plastic cap marked "PLS 49953" (extending 0.8 feet above grade) found on the westerly bounds of a parcel conveyed by Hudson River Estates, Inc. and Boston and Maine Corporation to Pan Am Southern, LLC by deed dated April 9, 2009 and recorded in the Schenectady County Clerk's Office on May 5, 2009 in Liber 1800 of Deeds at Page 849, said rebar being 46.0± feet distant easterly measured at right angles from Station 2+01.1± of said survey baseline, said rebar also being 135± feet distant westerly measured at right angles from Station 95+07.05± of the railroad baseline;

thence along the westerly bounds of Pan Am Southern, LLC on a curve deflecting to the left, non-tangent to the previous course, having a central angle of 36 degrees 29 minutes 26 seconds and a radius of 2,045.00 feet, an arc distance of 1,302.42 feet (chord: South 04 degrees 06 minutes 28 seconds East, 1,280.52 feet) to a 5/8-inch rebar set at the northwesterly corner of a parcel of land conveyed by Anthony and Anna Kichton to the Niagara Mohawk Power Corporation by deed dated May 9, 1960 and recorded in the Schenectady County Clerk's Office on June 11, 1960 in Liber 798 of Deeds at Page 425, said rebar being 135± feet distant westerly measured at right angles from Station 82+90.61± of said railroad baseline; said rebar also being; said rebar also being 75± feet distant westerly measured at right angles from Station 34+34.10± of the Niagara Mohawk Traverse Line as referenced in Liber 798 of Deeds at Page 425;

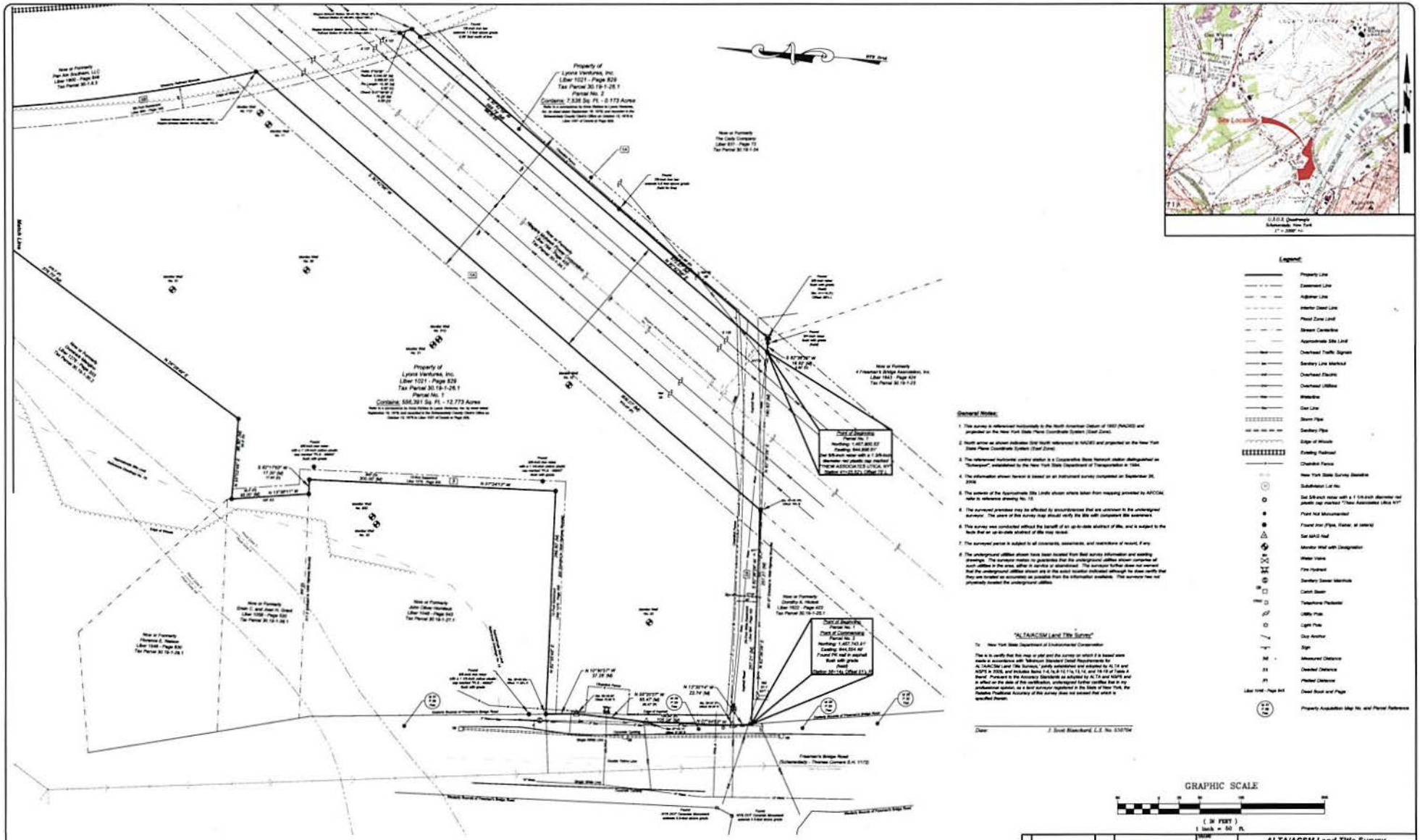
thence South 30 degrees 42 minutes 56 seconds West, non-tangent to the previous course, along the northerly bounds of the Niagara Mohawk Power Corporation, a distance of 809.07 feet to a 5/8-inch rebar set at the northeasterly corner of Dorothy A. Hickok, said rebar being 75± feet distant northerly measured at right angles from Station 42+43.16± of said traverse line;

thence South 82 degrees 36 minutes 29 seconds West, along the northerly line of Dorothy A. Hickok, a distance of 257.21 feet to the ***Point of Beginning****.*

To contain 12.773 acres of land, more or less, as surveyed by J. Scott Blanchard, Licensed Land Surveyor No. 050704.

The above-mentioned coordinates, bearings and distances are referenced to the North American Datum of 1983 (NAD83) and projected on the New York State Plane Coordinate System (East Zone).

A map of the above described parcel of land was prepared by Thew Associates PE-LS, PLLC, dated October 30, 2009, and is distinguished as Drawing No. UK268-06-09.



General Notes:

1. This survey is referenced horizontally to the North American Datum of 1983 (NAD83) and projected on the New York State Plane Coordinate System (East Zone).
2. North arrow as shown indicates Grid North referenced to NAD83 and projected on the New York State Plane Coordinate System (East Zone).
3. The referenced horizontal control station is a Cooperative Base Network station distinguished as "Schenectady", established by the New York State Department of Transportation in 1994.
4. The information shown hereon is based on an instrument survey completed on September 26, 2008.
5. The extents of the Approximate Site Limits shown where taken from mapping provided by AECOM, refer to reference drawing No. 18.
6. The surveyed premises may be affected by encumbrances that are unknown to the undersigned surveyor. The users of this survey map should verify the title with competent title examiners.
7. This survey was conducted without the benefit of an up-to-date abstract of title, and is subject to the facts that an up-to-date abstract of title may reveal.
8. The surveyed parcel is subject to all covenants, easements, and restrictions of record, if any.
9. The underground utilities shown have been located from field survey information and existing drawings. The surveyor makes no guarantee that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated although he does certify that they are located as accurately as possible from the information available. This surveyor has not physically located the underground utilities.

"ALTA/ACSM Land Title Survey"

To: New York State Department of Environmental Conservation

This is to certify that this map or plat and the survey on which it is based were made in accordance with "Minimum Standard Detail Requirements for ALTA/ACSM Land Title Surveys," jointly established and adopted by ALTA and NSPS in 2005, and includes Items 1-4,7a,8-10,11a,13,14, and 16-18 of Table A thereof. Pursuant to the Accuracy Standards as adopted by ALTA and NSPS and in effect on the date of this certification, undersigned further certifies that to my professional opinion, as a land surveyor registered in the State of New York, the Relative Positional Accuracy of this survey does not exceed that which is specified therein.

Date: J. Scott Blanchard, L.S. No. 050704

Legend:

- Property Line
- Easement Line
- Adjoiner Line
- Interior Deed Line
- Flood Zone Limit
- Stream Centerline
- Approximate Site Limit
- Overhead Traffic Signals
- Sanitary Line Marked
- Overhead Electric
- Overhead Utilities
- Wetlandline
- Gas Line
- Storm Pipe
- Sanitary Pipe
- Edge of Woods
- Existing Railroad
- Chainlink Fence
- New York State Survey Baseline
- Subdivision Lot No.
- Set 5/8-inch rebar with a 1 1/4-inch diameter red plastic cap marked "Thew Associates Utica NY"
- Point Not Monumented
- Found Iron (Pipe, Rebar, or Lasers)
- Set MAG Nail
- Monitor Well with Designation
- Water Valve
- Fire Hydrant
- Sanitary Sewer Manhole
- Catch Basin
- Telephone Pedestal
- Utility Pole
- Light Pole
- Guy Anchor
- Sign
- Measured Distance
- Deeded Distance
- Platted Distance
- Liber 1048 - Page 643 — Deed Book and Page
- Property Acquisition Map No. and Parcel Reference

Flood Zone:

The surveyed parcel as shown hereon lies in zone "AE, B and C".

Zone AE - Areas of 100 year flood, base flood elevations and flood hazard factors determined.

Zone B - Areas between limits of the 100 year flood and 500- year flood; certain areas subject to 100 year flooding with average depths less than one foot or where the contributing drainage area is less than one square mile, or areas protected by levees from the base flood.

Zone C - Areas of minimal flooding.

The zones are shown on the FIRM map for the Town of Glenville, bearing Community Panel No. 360156 0041 D, Panel 41 of 60 and an effective date of June 1, 1996.

Unauthorized alteration or addition to a survey map bearing a licensed land surveyor's seal or a notation of Section 7209, Subdivision 2 of the New York State Education Law.

Only copies from the original of this survey marked with an original of the surveyor's inked seal or his embossed seal shall be considered to be valid and true copies.

Utilities Serving The Town of Glenville		
Electric	National Grid - East	Customer Service Center, 300 Erie Boulevard, Syracuse, New York 13202
Gas	National Grid - East	Customer Service Center, 300 Erie Boulevard, Syracuse, New York 13202
Telephone	Verizon - East	1-800-483-1000
Water	Town of Glenville	518-899-2305
Sewer	Town of Glenville	518-899-2305

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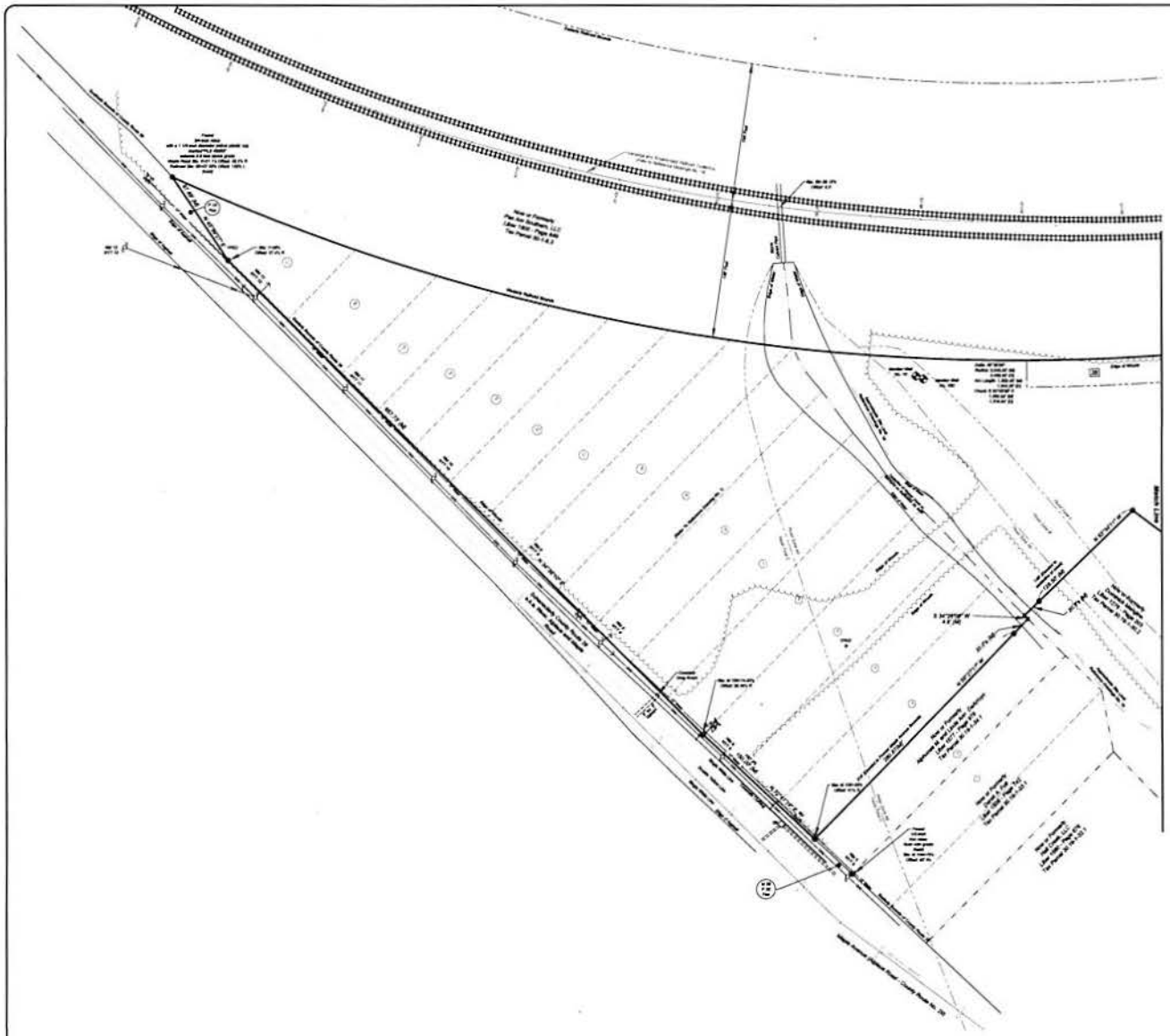
GRAPHIC SCALE

(IN FEET)
1 inch = 50 ft.

DRAWN	J.S.B.
CHECKED	R.H.K.
SCALE	1" = 50'
DATE	12/11/09
PROJECT NUMBER	UK258-08-09

ALTA/ACSM Land Title Survey
Lyons Ventures, Inc.
Freeman's Bridge Road
Sheet 1 of 3
Town of Glenville
County of Schenectady
State of New York

Thew Associates
LAND SURVEYORS
www.ThewAssociates.com





U.S.G.S. Quadrangle
Schenectady, New York
1" = 2000' +/-

Legend:

- Property Line
- Easement Line
- Adjoiner Line
- Interior Deed Line
- Flood Zone Limit
- Stream Centerline
- Approximate Site Limit
- Overhead Traffic Signals
- Sanitary Line Manhole
- Overhead Electric
- Overhead Utilities
- Waterline
- Gas Line
- Storm Pipe
- Sanitary Pipe
- Edge of Woods
- Existing Railroad
- Chainlink Fence
- New York State Survey Baseline
- Subdivision Lot No.
- Set 5/8-inch rebar with a 1 1/4-inch diameter red plastic cap inscribed "Thew Associates Ulica NY"
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- Set cut-in Mail
- Monitor Well with Designation
- Water Valve
- Fire Hydrant
- Sanitary Sewer Manhole
- Catch Basin
- Telephone Pedestal
- Utility Pole
- Light Pole
- Guy Anchor
- Sign
- Measured Distance
- Deeded Distance
- Platted Distance
- Liber 1048 - Page 845 Deed Book and Page
- Property Acquisition Map No. and Parcel Reference

General Notes:

1. This survey is referenced horizontally to the North American Datum of 1983 (NAD83) and projected on the New York State Plane Coordinate System (East Zone).
2. North arrow as shown indicates Grid North referenced to NAD83 and projected on the New York State Plane Coordinate System (East Zone).
3. The referenced horizontal control station is a Cooperative Base Network station distinguished as "Schenectady", established by the New York State Department of Transportation in 1994.
4. The information shown hereon is based on an instrument survey completed on September 28, 2006.
5. The extents of the Approximate Site Limits shown where taken from mapping provided by AECOM; refer to reference drawing No. 10.
6. The surveyed premises may be affected by encumbrances that are unknown to the undersigned surveyor. The users of this survey map should verify the title with competent title examiners.
7. This survey was conducted without the benefit of an up-to-date abstract of title, and is subject to the facts that an up-to-date abstract of title may reveal.
8. The surveyed parcel is subject to all covenants, easements, and restrictions of record, if any.
9. The underground utilities shown have been located from field survey information and available drawings. The surveyor makes no guarantee that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated although he does certify that they are located as accurately as possible from the information available. This surveyor has not physically located the underground utilities.

"ALTA/ACSM Land Title Survey"

To: New York State Department of Environmental Conservation

This is to certify that this map or plat and the survey on which it is based were made in accordance with "Minimum Standard Detail Requirements for ALTA/ACSM Land Title Surveys," jointly established and adopted by ALTA and NSPS in 2006, and includes items 1-4, 7a,8-10,11b,13,16, and 18-19 of Table A thereof. Pursuant to the Accuracy Standards as adopted by ALTA and NSPS and in effect on the date of this certification, undersigned further certifies that to my professional opinion, as a land surveyor registered in the State of New York, the Relative Positional Accuracy of this survey does not exceed that which is specified therein.

Date: J. Scott Blanchard, L.S. No. 050784

GRAPHIC SCALE

(IN FEET)
1 inch = 50 ft.

Flood Zone:

The surveyed parcel as shown hereon lies in zone "AE, B and C".

Zone AE - Areas of 100 year flood; base flood elevations and flood hazard factors determined.

Zone B - Areas between limits of the 100 year flood and 500 year flood; certain areas subject to 100 year flooding with average depths less than one foot or where the contributing drainage area is less than one square mile; or areas protected by levees from the base flood.

Zone C - Areas of minimal flooding.

This zones are shown on the FIRM map for the Town of Glenville, bearing Community Panel No. 360736 0041 B; Panel 41 of 50 and an effective date of June 1, 1994.

Utilities Serving The Town of Glenville

Service	Company	Address
Electric	National Grid - East	Customer Service Center: 300 Erie Boulevard, Syracuse, New York 13202
Gas	National Grid - East	Customer Service Center: 300 Erie Boulevard, Schenectady, New York 12305
Telephone	Verizon	518-401-2700
Water	Town of Glenville	518-899-2363
Sewer	Town of Glenville	518-899-2363

Unauthorized alteration or addition to a survey map bearing a licensed land surveyor's seal is a violation of Section 7209, Subdivision 2 of the New York State Education Law.

Only copies from the original of this survey marked with an original of the surveyor's inked seal or his embossed seal shall be considered to be valid and true copies.

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			J.S.B	ALTA/ACSM Land Title Survey Lyons Ventures, Inc. Freeman's Bridge Road Sheet 2 of 3
			R.H.K	
			1" = 50'	Town of Glenville County of Schenectady State of New York
			12/11/09	Thew Associates LAND SURVEYORS www.ThewAssociates.com
NO.	DESCRIPTION	DATE	PROJECT NUMBER: UK268-08-09	3476 River Road, Niskayuna, New York 12309

Reference Drawings:

1. Titled "Map of Property Belonging to Kowalewity Sanowaski", dated June 10 1926, prepared by H.A. Stouffer and L.B. Seeking, and filed in the Schenectady County Clerk's Office on November 19, 1932, as map no. D-207.

2. "New York State Department of Public Works Description and Map for the Acquisition of Property Schenectady - Thomas Corners, S.H. No. 1172, County of Schenectady" designated as Map No. 84 Parcel Nos. 32 and 33, dated August 26, 1941, prepared by Erdman, Anthony Associates, P.C., and is on file at the New York State Department of Transportation office (Region 1) in Albany, New York.

3. "New York State Department of Public Works Description and Map for the Acquisition of Property Schenectady - Thomas Corners, S.H. No. 1172, County of Schenectady" designated as Map No. 23 Parcel No. 29, dated August 24, 1941, prepared by Erdman, Anthony Associates, P.C., and is on file at the New York State Department of Transportation office (Region 1) in Albany, New York.

4. "New York State Department of Public Works Description and Map for the Acquisition of Property Schenectady - Thomas Corners, S.H. No. 1172, County of Schenectady" designated as Map No. 28 Parcel Nos. 34 and 35, dated August 26, 1941, prepared by Erdman, Anthony Associates, P.C., and is on file at the New York State Department of Transportation office (Region 1) in Albany, New York.

5. "New York State Department of Public Works Description and Map for the Acquisition of Property Schenectady - Thomas Corners, S.H. No. 1172, County of Schenectady" designated as Map No. 31 Parcel No. 36, dated August 26, 1941, prepared by Erdman, Anthony Associates, P.C., and is on file at the New York State Department of Transportation office (Region 1) in Albany, New York.

6. "New York State Department of Public Works Description and Map for the Acquisition of Property Schenectady - Thomas Corners, S.H. No. 1172, County of Schenectady" designated as Map No. 37 dated August 26, 1941, prepared by Erdman, Anthony Associates, P.C., and is on file at the New York State Department of Transportation office (Region 1) in Albany, New York.

7. "New York State Department of Public Works Description and Map for the Acquisition of Property Schenectady - Thomas Corners, S.H. No. 1172, County of Schenectady" designated as Map No. 33 Parcel No. 39, dated August 26, 1941, prepared by Erdman, Anthony Associates, P.C., and is on file at the New York State Department of Transportation office (Region 1) in Albany, New York.

8. "New York State Department of Public Works Description and Map for the Acquisition of Property Schenectady - Thomas Corners, S.H. No. 1172, County of Schenectady" designated as Map No. 43 Parcel Nos. 50 and 51, dated August 26, 1941, prepared by Erdman, Anthony Associates, P.C., and is on file at the New York State Department of Transportation office (Region 1) in Albany, New York.

9. "New York State Department of Public Works Description and Map for the Acquisition of Property Schenectady - Thomas Corners, S.H. No. 1172, County of Schenectady" designated as Map No. 46 Parcel Nos. 54 through 56, dated August 26, 1941, prepared by Erdman, Anthony Associates, P.C., and is on file at the New York State Department of Transportation office (Region 1) in Albany, New York.

10. "New York State Department of Public Works Description and Map for the Acquisition of Property Schenectady - Thomas Corners, S.H. No. 1172, County of Schenectady" designated as Map No. 45 Parcel Nos. 52 through 53, dated August 26, 1941, prepared by Erdman, Anthony Associates, P.C., and is on file at the New York State Department of Transportation office (Region 1) in Albany, New York.

11. "New York State Department of Public Works Description and Map for the Acquisition of Property Schenectady - Thomas Corners, S.H. No. 1172, County of Schenectady" designated as Map No. 47 Parcel No. 58, dated August 26, 1941, prepared by Erdman, Anthony Associates, P.C., and is on file at the New York State Department of Transportation office (Region 1) in Albany, New York.

12. "New York State Department of Public Works Description and Map for the Acquisition of Property Schenectady - Thomas Corners, S.H. No. 1172, County of Schenectady" designated as Map No. 48 Parcel No. 59, dated August 26, 1941, prepared by Erdman, Anthony Associates, P.C., and is on file at the New York State Department of Transportation office (Region 1) in Albany, New York.

13. "New York State Department of Public Works Description and Map for the Acquisition of Property Schenectady - Thomas Corners, S.H. No. 1172, County of Schenectady" designated as Map No. 50 dated August 26, 1941, prepared by Erdman, Anthony Associates, P.C., and is on file at the New York State Department of Transportation office (Region 1) in Albany, New York.

14. Titled "Lands of Lyons Ventura, Inc. (L.A. Collins)", dated October 19, 2007, prepared by Clark Engineering & Surveying, P.C., and a file on with AECOM.

15. Miscellaneous County highway taking maps provided from Schenectady County Engineering Department personnel.

16. Water and Sewer mapping provided by Town of Glenville Water and Sewer Department personnel.

17. Titled "Right of Way and Track Map, The Saratoga and Schenectady Railroad Company, Operated by The Delaware and Hudson Company", designated as Valuation No. 11 Map No. 2, dated June 30, 1916, and is on file at the Canadian Pacific Railway office in Montreal, Canada.

18. Titled "Rotterdam-Prattz Junction, Transmission Line, Plan & Profile", designated as Map No. E-811-5-F, Sheet 10 of 77, dated May 24 and 26, 1961, and is on file at the National Grid Right of Way Department, Albany, New York Office.

19. Titled "Tri Freeman's Bridge Road Site", designated as Figure 3-11, dated June 2005, and is on file with AECOM.

General Notes:

1. This survey is referenced horizontally to the North American Datum of 1983 (NAD83) and projected to the New York State Plane Zone (East Zone).

2. North arrow as shown indicates Grid North referenced to NAD83 and projected on the New York State Plane Coordinate System (East Zone).

3. The referenced horizontal control station is a Cooperative Base Network station distinguished as "Schenectady", established by the New York State Department of Transportation in 1994.

4. The information shown hereon is based on an instrument survey completed on September 26, 2008.

5. The extents of the Approximate Site Limits shown where taken from mapping provided by AECOM, refer to reference drawing No. 19.

6. The surveyed premises may be affected by encumbrances that are unknown to the undersigned surveyor. The extent of this survey may should verify the title with competent title examinant.

7. This survey was conducted without the benefit of an up-to-date abstract of title, and is subject to the facts that an up-to-date abstract of title may reveal.

8. The surveyed parcel is subject to all covenants, easements, and restrictions of record, if any.

9. The underground utilities shown have been located from field survey information and existing drawings. The surveyor makes no guarantee that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated although he does certify that they are located as accurately as possible from the information available. This surveyor has not physically located the underground utilities.

Unauthorized alteration or addition to a survey map bearing a licensed land surveyor's seal is a violation of Section 7209, Subdivision 2 of the New York State Education Law.

Only copies from the original of this survey marked with an original of the surveyor's inked seal or his embossed seal shall be considered to be valid and true copies.

Surveyor's Measured Description

A Description of
Lands of Lyons Ventures, Inc.
Parcel No. 1
Contains 13.773 Acres

All that tract or parcel of land situate in the Town of Glenville, County of Schenectady, State of New York, and being more precisely described as follows:

Statements:

1. All set monuments are 5/8-inch by 30-inch reinforcement rod, extending 0.3 feet above grade with a 1 3/8-inch diameter red plastic cap, marked "THEW ASSOCIATES UTICA, NY" (herein after referred to as a 5/8-inch rebar).
2. The parcel of land described herein is intended to be a portion of the same premises conveyed by Anne Kishton to Lyons Ventures, Inc., by deed dated September 19, 1979 and recorded in the Schenectady County Clerk's Office on October 15, 1979 in Liber 1031 of Deeds at Page 026.
3. Reference to an adjoining landowner does not necessarily imply owner title. The adjoining landowners are cited for reference only, unless otherwise noted.

Beginning at a PK nail found on the easterly bounds of Freeman's Bridge Road (late known as Schenectady - Thomas Corners State Highway No. 1172 - variable width), said PK nail being 91± feet distant easterly measured at right angles from Station 98+14± of the survey baseline for the reconstruction of a portion of the Schenectady-Thomas Corners, State Highway 1172 (1965), said PK nail also being at the northwesterly corner of a parcel of land conveyed by Dorothy A. Hotrick as executor of David W. Hotrick to Dorothy A. Hotrick by deed dated April 18, 2002 and recorded in the Schenectady County Clerk's Office on April 23, 2003 in Liber 1402 of Deeds at Page 442, said PK nail having New York State plane coordinates (NAD83-East Zone) of 1,467,743.91 feet North and 844,564.49 feet East;

thence along the easterly bounds of Freeman's Bridge Road, the following courses and distances:

North 13 degrees 36 minutes 14 seconds West a distance of 33.74 feet to a set drag nail, said drag nail being 57.63± feet distant easterly measured at right angles from Station 98+37.37± of said survey baseline;

North 07 degrees 44 minutes 53 seconds West a distance of 100.04 feet to a set drag nail, said drag nail being 57.63± feet distant easterly measured at right angles from Station 97+42.14± of said survey baseline;

North 03 degrees 20 minutes 27 seconds West a distance of 85.47 feet to set drag nail, said drag nail being 76.63± feet distant easterly measured at right angles from Station 96+36.66± of said survey baseline;

North 10 degrees 30 minutes 27 seconds West a distance of 37.28 feet to a 5/8-inch rebar set at the southeasterly corner of a parcel of land conveyed by William E. and Alice B. Gilmchrist to John Oliver Hornthurt by deed dated August 28, 1991 and recorded in the Schenectady County Clerk's Office on August 29, 1991 in Liber 1048 of Deeds at Page 343, said rebar being 71.52± feet distant easterly measured at right angles from Station 95+83.91± of said survey baseline;

thence along the southerly, easterly and northerly lines of Hornthut, the following courses and distances:

North 82 degrees 26 minutes 49 seconds East a distance of 268.90 feet to set 5/8-inch rebar;

North 07 degrees 24 minutes 13 seconds West a distance of 300.00 feet to a set 5/8-inch rebar;

South 82 degrees 17 minutes 53 seconds West a distance of 17.26 feet to a 5/8-inch rebar set at the southeasterly corner of a parcel of land conveyed by Leonard J. Dembrants, and Lisabth A. Vandiff to Erwin C. and Joan H. Grant by deed dated November 11, 1982 and recorded in the Schenectady County Clerk's Office on November 12, 1982 in Liber 1098 of Deeds at Page 1060;

thence North 13 degrees 36 minutes 11 seconds West, along the easterly line of Erwin C. and Joan H. Grant, a distance of 95.00 feet to a 5/8-inch rebar set on the southerly line of a parcel of land conveyed by Williams and Betty Lyons to Dominick Mangino by deed dated July 25, 1990 and recorded in the Schenectady County Clerk's Office on September 5, 1990 in Liber 1376 of Deeds at Page 203;

thence along the southerly, easterly, northerly and westerly lines of Dominick Mangino, the following courses and distances:

North 85 degrees 03 minutes 49 seconds East a distance of 96.80 feet to a set 5/8-inch rebar;

North 39 degrees 29 minutes 46 seconds East a distance of 378.70 feet to a set 5/8-inch rebar;

North 53 degrees 34 minutes 11 seconds West a distance of 128.95 feet to 5/8-inch rebar set on the southerly side of Freeman's Bridge Road;

continuing North 53 degrees 34 minutes 11 seconds West a distance of 19.3 feet, more or less, to a point in the centerline of Warner Creek;

South 34 degrees 28 minutes 06 seconds West, along the center of Warner Creek, a distance of 4.5 feet, more or less, to the southeasterly corner of a parcel of land conveyed by Henry Dachman to Alphonsus M. and Linda Ann Dachmyos by deed dated March 15, 2000 and recorded in the Schenectady County Clerk's Office on May 12, 2000 in Liber 1577 of Deeds at Page 878;

thence North 56 degrees 27 minutes 17 seconds West, along the easterly line of Alphonsus M. and Linda Ann Dachmyos, a distance of 300.87 feet to a 5/8-inch rebar set on the easterly bounds of Maple Ave (County Route 29), said rebar being 41± feet distant easterly measured at right angles from Station 91+00+25. of the survey baseline for the reconstruction of a portion of the Schenectady-Thomas Corners, State Highway 1172 (1965);

thence along the easterly bounds of Maple Avenue, the following courses and distances:

North 33 degrees 41 minutes 19 seconds East a distance of 190.00 feet to a set 5/8-inch rebar; said rebar being 39.46± feet distant easterly measured at right angles from Station 91+74.50± of said survey baseline;

North 34 degrees 36 minutes 10 seconds East a distance of 807.73 feet to a set 5/8-inch rebar; said rebar being 37.4± feet distant easterly measured at right angles from Station 114+00± of said survey baseline;

North 45 degrees 56 minutes 27 seconds East a distance of 87.66 feet to a 3/4-inch rebar with a 1 1/4-inch diameter yellow plastic cap marked "PLS 49053" protruding 0.3 feet above ground found on the westerly bounds of a parcel conveyed by Hudson River Estates, Inc. and Boston and Maine Corporation to Pan Am Southern, LLC by deed dated April 5, 2000 and recorded in the Schenectady County Clerk's Office on May 5, 2000 in Liber 1600 of Deeds at Page 646, said rebar being 48.5± feet distant easterly measured at right angles from Station 2+01.1± of said survey baseline, said rebar also being 130± feet distant easterly measured at right angles from Station 91+61.91± of said railroad baseline, said rebar also being 0.6± feet distant easterly measured at right angles from Station 34+10.10± of the Niagara Mohawk Transmis Line as referenced in Liber 794 of Deeds at Page 025;

thence South 34 degrees 42 minutes 56 seconds West, non-tangent to the previous course, along the northerly bounds of the Niagara Mohawk Power Corporation, a distance of 909.07 feet to a 5/8-inch rebar set on the northeasterly corner of Dorothy A. Hotrick, said rebar being 70± feet distant northerly measured at right angles from Station 42+43.19± of said transmis line;

thence South 82 degrees 36 minutes 29 seconds West, along the northerly line of Dorothy A. Hotrick, a distance of 257.31 feet to the Point of Beginning.

To contain 13.773 acres of land, more or less, as surveyed by J. Scott Blanchard, Licensed Land Surveyor No. 050704.

The above-mentioned coordinates, bearings and distances are referenced to the North American Datum of 1983 (NAD83) and projected on the New York State Plane Coordinate System (East Zone).

A map of the above described parcel of land was prepared by Thew Associates PE-LS, PLLC, dated October 30, 2009, and is distinguished as Drawing No. LR268-08-08.

Surveyor's Measured Description

A Description of
Lands of Lyons Ventures, Inc.
Parcel No. 2
Contains 7.200 sq. ft. ± 0.173 Acres

All that tract or parcel of land situate in the Town of Glenville, County of Schenectady, State of New York, and being more precisely described as follows:

Statements:

1. All set monuments are 5/8-inch by 30-inch reinforcement rod, extending 0.3 feet above grade with a 1 3/8-inch diameter red plastic cap, marked "THEW ASSOCIATES UTICA, NY" (herein after referred to as a 5/8-inch rebar).
2. The parcel of land described herein is intended to be a portion of the same premises conveyed by Anne Kishton to Lyons Ventures, Inc., dated September 19, 1979 and recorded in the Schenectady County Clerk's Office on October 15, 1979 in Liber 1031 of Deeds at Page 026.
3. Reference to an adjoining landowner does not necessarily imply owner title. The adjoining landowners are cited for reference only, unless otherwise noted.

Commencing at a PK nail found on the easterly bounds of Freeman's Bridge Road (late known as Schenectady - Thomas Corners State Highway No. 1172 - variable width), said PK nail being 91± feet distant easterly measured at right angles from Station 98+14± of the survey baseline for the reconstruction of a portion of the Schenectady-Thomas Corners, State Highway 1172 (1965), said PK nail also being at the northwesterly corner of a parcel of land conveyed by Dorothy A. Hotrick as executor of David W. Hotrick to Dorothy A. Hotrick by deed dated April 18, 2002 and recorded in the Schenectady County Clerk's Office on April 23, 2003 in Liber 1402 of Deeds at Page 442, said PK nail having New York State plane coordinates (NAD83-East Zone) of 1,467,743.91 feet North and 844,564.49 feet East;

thence North 82 degrees 36 minutes 29 seconds East, along the northerly line of Dorothy A. Hotrick, a distance of 257.31 to a 5/8-inch rebar set on the easterly bounds of a parcel of land conveyed by Anthony and Anne Kishton to Niagara Mohawk Power Corporation by deed dated May 9, 1940 and recorded in the Schenectady County Clerk's Office on June 11, 1940 in Liber 795 of Deeds at Page 426, said rebar being 70± feet distant easterly measured at right angles from Station 41+43.19± of the Niagara Mohawk Transmis Line, said rebar also being 70± feet distant easterly measured at right angles from Station 34+10.10± of the Niagara Mohawk Transmis Line as referenced in Liber 794 of Deeds at Page 025;

thence continuing North 82 degrees 36 minutes 29 seconds East, through the lands of the Niagara Mohawk Power Corporation, a distance of 909.07 feet to a 5/8-inch rebar set on the westerly bounds of the Niagara Mohawk Power Corporation, said rebar also being on the easterly line of a parcel of land conveyed by Richard A. LaBeaud to A Freeman's Bridge Associates, Inc., by deed dated January 31, 2003 and recorded in the Schenectady County Clerk's Office on January 31, 2003 in Liber 1640 of Deeds at Page 424, said rebar being 75± feet distant easterly measured at right angles from Station 41+25.53± of the Niagara Mohawk Transmis Line, said rebar being New York State plane coordinates (NAD83) East North and 844,649.91 feet East, said rebar also being the Point of Beginning.

thence North 39 degrees 43 minutes 56 seconds East, along the easterly bounds of the Niagara Mohawk Power Corporation, a distance of 566.76 feet to a 5/8-inch rebar set on the easterly bounds of a parcel of land conveyed by Hudson River Estates, Inc. and Boston and Maine Corporation to Pan Am Southern, LLC by deed dated April 5, 2000 and recorded in the Schenectady County Clerk's Office on May 5, 2000 in Liber 1600 of Deeds at Page 646, said rebar being 75± feet distant easterly measured at right angles from Station 39+36.74± of the Niagara Mohawk Transmis Line, said rebar also being 130± feet distant easterly measured at right angles from Station 91+48.53± of the railroad baseline, said rebar also being 75± feet distant easterly measured at right angles from Station 91+26.76± of the railroad baseline;

thence along a curve deflecting to the left, non-tangent to the previous course, having a central angle of 00 degrees 05 minutes 39 seconds and a radius of 2,340.00 feet, an arc distance of 15.29 feet, (chord South 27 degrees 36 minutes 30 seconds East, 15.29 feet), to a 5/8-inch rebar set at the northwesterly corner of a parcel conveyed by Mo-Hill Asphalts, Inc. to The Cadiz Oil Co., Inc. by deed dated December 9, 1992 and recorded in the Schenectady County Clerk's Office on December 9, 1992 in Liber 1071 of Deeds at Page 72, said rebar being 85± feet distant easterly measured at right angles from Station 39+44.76± of the Niagara Mohawk Transmis Line, said rebar also being 130± feet distant easterly measured at right angles from Station 91+48.53± of the railroad baseline, said course passing over a 19-inch iron bar (bollards 0.5 feet above grade) found at a distance of 333.14 feet;

thence South 30 degrees 42 minutes 56 seconds West, non-tangent to the previous course, along the westerly line of The Cadiz Oil Co., a distance of 570.37 feet to a 5/8-inch rebar found at the northeasterly corner of A Freeman's Bridge Association, Inc.;

thence South 82 degrees 29 minutes 26 seconds West, along the northerly line of A Freeman's Bridge Association, Inc., a distance of 15.55 feet to the Point of Beginning, said course passing over a 3/4-inch rebar (flush with grade) found at a distance 5.82 feet.

To contain 0.173 acres of land, more or less, as surveyed by J. Scott Blanchard, Licensed Land Surveyor No. 050704.

The above-mentioned coordinates, bearings and distances are referenced to the North American Datum of 1983 (NAD83) and projected on the New York State Plane Coordinate System (East Zone).

A map of the above described parcel of land was prepared by Thew Associates PE-LS, PLLC, dated October 30, 2009, and is distinguished as Drawing No. LR268-08-08.

List of Encumbrances:

(1) The right to cut, trim, and remove all brush or trees within 100 feet from the center line of the transmission line, refer to a conveyance by Anthony and Anne Kishton to Niagara Mohawk Power Corporation, by deed dated May 9 1940, and recorded in the Schenectady County Clerk's Office on May 9, 1940 in Liber 794 of Deeds at Page 426.
Encumbers the surveyed premises, and is shown hereon.

(2) Right to cross and re-cross the surveyed premises, refer to a conveyance by Anthony and Anne Kishton to Niagara Mohawk Power Corporation, by deed dated May 9 1940, and recorded in the Schenectady County Clerk's Office on May 9, 1940 in Liber 794 of Deeds at Page 426.
Benefits the surveyed premises, not plottable.

(3) A 26-foot wide right-of-way along the southerly line of the surveyed premises, refer to a conveyance by J.H. Buhrmaster Co., Inc. to K.K.S. Corporation, by deed dated January 7, 1994, and recorded in the Schenectady County Clerk's Office on January 27, 1994 in Liber 864 of Deeds at Page 102.
Encumbers the surveyed premises, and is shown hereon.

(4) A right-of-way for 26-feet wide along the westerly side of Deawood and Hudson Railroad from the J.H. Buhrmaster Co. Inc. to the Lands of Sanowaski, his successors, and assigns, refer to a conveyance from J.H. Buhrmaster Co. Inc. to K.K.S. Corporation, by deed date January 7, 1994, and recorded in the Schenectady County Clerk's Office on January 27, 1994 in Liber 864 of Deeds at Page 102.
Encumbers the surveyed premises, and is shown hereon.

(5) Easement for ingress and egress for the benefit of Dominick Mangino, his successors, and assigns, refer to a conveyance from Lyons Ventures, Inc. to Dominick Mangino, by deed date July 25, 1990, and recorded in the Schenectady County Clerk's Office on September 5, 1990 in Liber 1376 of Deeds at Page 203.
Encumbers the surveyed premises, and is shown hereon.

"ALTA/ACSM Land Title Survey"

To: New York State Department of Environmental Conservation

This is to certify that this map or plat and the survey on which it is based were made in accordance with "Minimum Standard Detail Requirements for ALTA/ACSM Land Title Surveys," jointly established and adopted by ALTA and NSPS in 2005, and includes Items 1-4,7a,8-10,11a,13,14, and 16-18 of Table A thereof. Pursuant to the Accuracy Standards as adopted by ALTA and NSPS and in effect on the date of this certification, undersigned further certifies that to my professional opinion, as a land surveyor registered in the State of New York, the Positional Positional Accuracy of this survey does not exceed that which is specified therein.

Date: J. Scott Blanchard, L.S. No. 050704

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Reported Description
Liber 1001 Page 028

ALL THAT TRACT, PIECE, OR PARCEL OF LAND, with the buildings thereon, situate, lying, and being in the Town of Glenville, County of Schenectady, and State of New York, along the Easterly side of the Freeman's Bridge Road and the Southwesterly side of the Alplaus Road, and more particularly bounded and described as follows:

BEGINNING at a point, said point being the intersection of the division line between the lands herein described on the South and lands of William F. Gilmchrist as described in Book 551 of Page 419 on the North with the Easterly side of the Freeman's Bridge Road, said point also being Southerly a distance of 180 feet along the said side of the said road from its intersection with the division line between lands formerly of Peter M. Cerebi and formerly of R. & C. Seeley on the Southwest, and lands formerly of K. C. Sanowaski on the Northwest;

THENCE running South 05 degrees, 36 minutes 16 seconds West a distance of 270.0 feet along the Easterly side of the Freeman's Bridge Road, to a point;

THENCE running South 84 degrees 21 minutes 44 seconds East a distance of 495.00 feet along the Southerly side of a 26 foot wide right-of-way and the division line between the lands herein described on the North and lands now or formerly of Craig Truthenmaker as described in Book 987 of Deeds at Page 1071 on the South, across lands of the Niagara-Mohawk Power Corporation and other lands, to a point, said point being the Northwesterly corner of lands conveyed by Anthony & Anne Kishton to J. H. Buhrmaster by Book 983 of Deeds at Page 294 and later from Buhrmaster to the Cadiz Co., Inc.;

THENCE running along the Northerly boundary line of the aforesaid lands formerly belonging to J.H. Buhrmaster and now belonging to the Cadiz Co., Inc., an east line as described in a Deed from Anthony and Anne Kishton to J. H. Buhrmaster recorded in Book 983 at Page 294, said Northerly boundary line being a straight line running from the Northwesterly corner of said lands of Cadiz Co. Inc. to a point in the easterly boundary of property belonging to the Delaware and Hudson Railroad Company, which point is exactly 362 Feet north of the low water mark or the Northerly side of the Mohawk River as described in said last mentioned Deed;

THENCE running in a Northerly direction along the division line between the lands herein conveyed on the West and the lands of Delaware and Hudson Railroad Company on the East to a point where the Westerly line of the lands of said railroad intersect the Southerly line of the property of Niagara Mohawk Power Corporation;

THENCE Northerly along the division line between the lands herein conveyed on the West and the land of the Delaware and Hudson Railroad Company on the East a distance of 811.43ft± feet to a point where the Westerly line of said railroad property intersects the Northerly line of the property of Niagara Mohawk Power Corporation;

THENCE continuing in a Northerly direction along the division line between the land of the Delaware and Hudson Railroad Company on the East and the lands herein conveyed on the West a distance of 1343.26± feet to a point said point being the Southwesterly corner of a parcel of land to be conveyed to Schenectady County for Alplaus Road-County No. 2-C as shown on Map No. 6, Parcel No. 15, dated 1985;

THENCE running North 42 degrees 21 minutes 30 seconds West a distance of 15.47 feet along the division line between the lands herein described on the South and lands to be acquired by Schenectady County as shown on Map No. 6, Parcel No. 14 on the North, to a point, said point being on the Easterly side of the Alplaus Road;

THENCE running South 47 degrees 39 minutes 30 seconds West a distance of 817.2 feet along the Southeasterly side of the Alplaus Road being the frontage of Lots No. 17 through 3 as shown and laid out on a map entitled, "Map of Property belonging to Kowalewity Sanowaski, filed 11-19-32, to a point marked by an existing iron pipe found;

THENCE running South 42 degrees 21 minutes 30 Southern LLC by deed dated April 5, 2000 and recorded in the Schenectady County Clerk's Office on May 5, 2000 in Liber 1600 of Deeds at Page 646, said rebar being 75± feet distant easterly measured at right angles from Station 39+36.74± of the Niagara Mohawk Transmis Line, said rebar also being 130± feet distant easterly measured at right angles from Station 91+26.76± of the railroad baseline.

thence along a curve deflecting to the left, non-tangent to the previous course, having a central angle of 00 degrees 05 minutes 39 seconds and a radius of 2,340.00 feet, an arc distance of 15.29 feet, (chord South 27 degrees 36 minutes 30 seconds East, 15.29 feet), to a 5/8-inch rebar set at the northwesterly corner of a parcel conveyed by Mo-Hill Asphalts, Inc. to The Cadiz Oil Co., Inc. by deed dated December 9, 1992 and recorded in the Schenectady County Clerk's Office on December 9, 1992 in Liber 1071 of Deeds at Page 72, said rebar being 85± feet distant easterly measured at right angles from Station 39+44.76± of the Niagara Mohawk Transmis Line, said rebar also being 130± feet distant easterly measured at right angles from Station 91+48.53± of the railroad baseline, said course passing over a 19-inch iron bar (bollards 0.5 feet above grade) found at a distance of 333.14 feet.

thence South 30 degrees 42 minutes 56 seconds West, non-tangent to the previous course, along the westerly line of The Cadiz Oil Co., a distance of 570.37 feet to a 5/8-inch rebar found at the northeasterly corner of A Freeman's Bridge Association, Inc.;

thence South 82 degrees 29 minutes 26 seconds West, along the northerly line of A Freeman's Bridge Association, Inc., a distance of 15.55 feet to the Point of Beginning, said course passing over a 3/4-inch rebar (flush with grade) found at a distance 5.82 feet.

To contain 0.173 acres of land, more or less, as surveyed by J. Scott Blanchard, Licensed Land Surveyor No. 050704.

The above-mentioned coordinates, bearings and distances are referenced to the North American Datum of 1983 (NAD83) and projected on the New York State Plane Coordinate System (East Zone).

A map of the above described parcel of land was prepared by Thew Associates PE-LS, PLLC, dated October 30, 2009, and is distinguished as Drawing No. LR268-08-08.

No.	Description	Date

PROJECT NUMBER: LR268-08-08

DRAWN:	J.S.B.
CHECKED:	R.H.K.
SCALE:	1" = 50'
DATE:	12/11/09

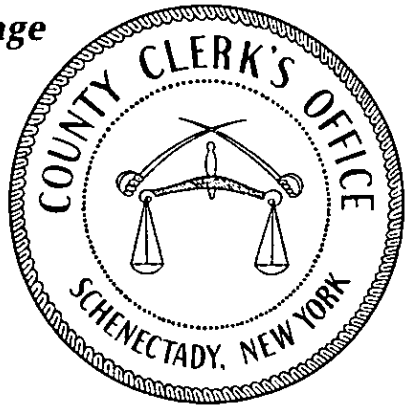
ALTA/ACSM Land Title Survey
Lyons Ventures, Inc.
Freeman's Bridge Road
Sheet 3 of 3
Town of Glenville
County of Schenectady
State of New York

Thew Associates
LAND SURVEYORS
www.ThewAssociates.com
Albany, New York 12205 t: 518/783-1010
f: 518/783-1967

8
2

Schenectady County Endorsement Page

JOHN J. WOODWARD
Schenectady County Clerk
620 State Street
Schenectady, NY 12305



RECORDED
12/03/2013 2:08:57 PM
County Clerk
JOHN J. WOODWARD
SCHENECTADY COUNTY, NY

Book/Page: DEED/1886/479
Total Pages: 8

Receipt No:	748518
Doc No:	2013-4262
Inst Num:	201352654

NY LAND SUR	$4.75
NY E & A FEES	$241.00
NY LAND COMP SUR	$14.25
CO GENERAL REVENUE	$65.00
CO LAND SUR	$0.25
CO E & A FEES	$9.00
CO LAND COMP SUR	$0.75
TOTAL PAID	$335.00

INV: 748518 USER: TMH

Document Type Deed

From Party Joseph P. Popolizio

To Party P+J Glenville Corporation

RETURN TO

see document

RECEIVED
$ 0.00
REAL ESTATE
DEC 03, 2013
SCHENECTADY COUNTY
1350

ATTENTION: If the R & R (Record and Return to) on the cover page is different from the one on the document, the document will be returned to the one on the cover page.

NOTICE: This endorsement page constitutes the Clerk's endorsement in accordance with Local Law #7 of 1996–DO NOT DETACH–This page becomes part of the document. Upon recording, this document becomes a public record–Please refrain from using personal identifying information that should not be disclosed to the public.

Please be advised that General Business Law Section 399-dd(6) states as follows:

No person may file any document available for public inspection with any state agency, political subdivision, or in any court of this state that contains a social security account number of any person, unless such other person is a dependent child, or has consented to such filing, except as required by federal or state law or regulation, or by court rule.

It further states that under General Business Law Section 399-dd(7) that the NYS Attorney General's Office may take action against you for any violation of General Business Law Section 399-dd.

DEED Book 1886 Page 480
Doc No 2013-4262

Warranty Deed with Lien Covenant

THIS INDENTURE made the 2nd day of ~~November~~ December, Two Thousand Thirteen

BETWEEN

JOSEPH P. POPOLIZIO, 909 Woodland Avenue, Schenectady, New York 12309, party of the first part, and

P & J GLENVILLE CORPORATION, with offices at 1101 Rugby Road, Schenectady, New York.

party of the second part,

WITNESSETH that the party of the first part, in consideration of One and 00/100----------Dollar ($1.00) lawful money of the United States, and other good and valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, his heirs and assigns forever

SEC 30.19 BLOCK 1 LOT 26.1

SEE SCHEDULE "A" ATTACHED HERETO.

Being the same premises as conveyed to the party of the first part by the County of Schenectady by deed dated the 13th day of November, 2013 and recorded simultaneously herewith.

Together with the appurtenances and all the estate and rights of the party of the first part in and to said premises.

To have and to hold the premises herein granted unto the party of the second part, his heirs and assigns forever.

And said party of the first part covenants as follows:

First, That the party of the second part shall quietly enjoy the said premises;

Second, That said party of the first part will forever **Warrant** the title to said premises.

Third, That, in Compliance with Sec. 13 of the Lien Law, the grantor will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

In Witness Whereof, the party of the first part has hereunto set her hand and seal the day and year first above written.

IN PRESENCE OF

_____ L.S.
Joseph P. Popolizio

STATE OF NEW YORK)
COUNTY OF SCHENECTADY)ss.

On the 2nd day of ~~November~~ Dec, in the year Two Thousand Thirteen, before me, the undersigned, personally appeared JOSEPH P. POPOLIZIO personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

_____
Notary Public
Comm Exp. 6/30/14
Peter B. McHugh
Schenectady County

RR:
Peter B. McHugh, Esq.
224 State Street
Schenectady, New York 12305

WESTCOR LAND TITLE INSURANCE COMPANY

Title No. W13-GA-2445

SCHEDULE A
PROPERTY DESCRIPTION

Conveys all that tract, piece or parcel of land, with the buildings thereon, situate, lying and being in the Town of Glenville, County of Schenectady and State of New York, along the easterly side of the Freeman's Bridge Road and the Southeasterly side of the Alplaus Road, and more particularly bounded and described as follows: Beginning at a point said point being the intersection of the division line between the lands herein described on the South and lands of William E. Glindmyer as described in Book 551 at page 419 on the North with the Easterly side of the Freeman's Bridge Road, said point also being Southerly a distance of 180 feet along the said side of the said road from its intersection with the division line between lands formerly of Esther M. Caslin and formerly of R. & C. Seeley on the southeast, and lands formerly of K. C. Sarnowski on the Northwest; thence running S. 05 deg. 38 min. 16 sec. W. a distance of 270.0 feet along the Easterly side of the Freeman's Bridge Road, to a point; thence running S. 84 deg. 21 min. 44 sec. E. a distance of 495.00 feet along the southerly side of a 26 feet wide right-of-way and the division line between the lands herein described on the North and lands now or formerly of Craig Todtschinder as described in Book 967 of Deeds at page 1071 on the South across lands of the Niagara-Mohawk Power Corporation, and other lands, to a point, said point being the Northwesterly corner of lands conveyed by Anthony & Anna Kichton to J. H. Buhrmaster by Book 583 of Deeds at page 296 and later from Buhrmaster to the Cady Co., Inc.; thence running along the Northerly boundary line of the aforesaid lands formerly belonging to J. H. Buhrmaster and now belonging to the Cady Co., Inc., as said line is described in a deed from Anthony and Anna Kichton to

- continued -

G 30.19-26.1

J. H. Buhrmaster, recorded in Book 583 at page 296, said Northerly boundary line being a straight line running from the Northwesterly corner of said lands of Cady Co., Inc. to a point in the westerly boundary of property belonging to the Delaware and Hudson Railroad Company, which point is also 362 feet north of the low water mark or the northerly side of the Mohawk River as described in said last mentioned deed; thence running in a Northerly direction along the division line between the lands herein conveyed on the West and the lands of the Delaware and Hudson Railroad Company on the East to a point where the Westerly line of the lands of said railroad intersect the Southerly line of the property of Niagara Mohawk Power Corporation; thence Northerly along the division line between the lands herein conveyed on the West and the lands of the Delaware and Hudson Railroad Company on the East a distance of 181.434± feet to a point where the westerly line of said railroad property intersects the Northerly line of the property of Niagara Mohawk Power Corporation; thence continuing in a Northerly direction along the division line between the lands of the Delaware and Hudson Railroad Company on the East and the lands herein conveyed on the West a distance of 1343.352 feet to a point said point being the southeasterly corner of a parcel of land to be conveyed to Schenectady County for Alplaus Road County Road No. 2-G as shown on Map No. 6, Parcel No. 14, dated 1965; thence running N. 42 deg. 31 min. 00 sec. W. a distance of 18.47 feet along the division line between the lands herein described on the South and lands to be acquired by Schenectady County as shown on Map No. 6, Parcel No. 14 on the North, to a point, said point being on the Easterly side of the Alplaus Road; thence running S. 47 deg. 29 min. 00 sec. W. a distance of 917.0 feet along the Southeasterly side of the Alplaus Road, being the frontage of Lots No. 17 through 3 as shown and laid out on a map entitled "Map of Property belonging to Konstanty Sarnowski, filed 11-19-32", to a

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point marked by an existing iron pipe found; thence running S. 42 deg. 31 min. 00 sec. E. a distance of 315 feet along the division line between the lands herein described on the Northeast and lands now or formerly of Alfonso & Nora Arroyo as described in Book 866 of Deeds at page 548 on the Southwest to a point; thence running N. 50 deg. 24 min. 16 sec. E. a distance of 15.51 feet along the division line between the lands herein described on the Northwest and lands now or formerly of Cheryl K. Van Patten as described in Book 1002 of Deeds at page 1057 on the Southeast, to a point, said point being along the approximate centerline of the Waner Creek; thence running S. 39 deg. 35 min. 44 sec. E. a distance of 136.97 feet along the division line between the lands herein described on the Northeast, and lands now or formerly of Cheryl K. Van Patten on the Southwest, to a point; thence running S. 40 deg. 27 min. 16 sec. W. a distance of 376.7 feet along the division line between the lands herein described on the Northeast, and lands now or formerly of Cheryl K. Van Patten on the Southwest to a point; thence running N. 80 deg. 57 min. 44 sec. W. a distance of 96.6 feet along the division line between the lands herein described on the South and lands now or formerly of Cheryl K. Van Patten on the North, to a point, said point being the Northeast rear property corner of the lands of the United Welding Co., Inc.; thence running S. 04 deg. 07 min. 44 sec. E. a distance of 95.0 feet along the division line between the lands herein described on the East and lands of the United Welding Co., Inc. on the West to a point being the Southeast rear property corner of the United Welding Co., Inc.; thence running S. 87 deg. 58 min. 12 sec. E. a distance of 17.84 feet along the division line between the lands herein described on the North and lands now or formerly of William E. Glindmyer as described in Book 551 of Deeds at page 419 on the South, to a point, said point being the Northeast rear property corner of Glindmyer; thence running S. 05 deg. 38 min. 16 sec. W. a distance of 300

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feet along the division line between the lands herein described on the East and lands of Glindmyer on the West, to a point, said point being the Southeast rear property corner of Glindmyer; thence running N. 84 deg. 21 min. 44 sec. W. a distance of 300 feet along the division line between the lands herein described on the South and lands of Glindmyer on the North to a point, said point being Glindmyer's Southwest front property corner, and being on the Easterly side of the Freeman's Bridge Road, and being the point or place of beginning.

Excepting all that certain piece or parcel of land conveyed by Anthony Kichton and Anna Kichton to Niagara Mohawk Power Corporation by Deed dated May 9, 1960 and recorded in the Schenectady County Clerk's Office on June 16, 1960 in Book 798 of Deeds at page 425, which property is situate, lying and being in the Town of Glenville, County of Schenectady and State of New York, bounded and described as follows:

Beginning at a point in the division line between the lands of the Delaware and Hudson Railroad Corporation on the east and the lands of the parties of the first part on the west at station 34 + 90 of the traverse for the proposed electric transmission line of the party of the second part extending from its Rotterdam Substation to its Rosa Road Substation, and running thence southerly along said division line 90 feet more or less to a point distant 75.0 feet southeasterly on the perpendicular from said traverse; thence South 31 deg. 27 min. West parallel to said traverse and at all points 75.0 feet distant therefrom, 590 feet more or less to a point in the division line between the lands of the parties of the first part on the north and the lands now or formerly of Walter Englert on the south; thence South 83 deg. 17 min. West along the last mentioned division line, and passing through station 41+84.35 of said traverse, 190.8 feet to a point distant 75.0 feet northwesterly on the perpendicular from said traverse; thence North 31 deg. 27 min. East, parallel

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to said traverse, and at all points 75.0 feet distant therefrom, 810 feet more or less to a point in the first mentioned division line between the lands of the Delaware and Hudson Railroad Corporation and the lands of the parties of the first part; thence southerly along said division line 90 feet more or less to the point or place of beginning, containing 2.39 acres, be the same more or less.

All bearings refer to true north.

DEED Book 1886 Page 486
Doc No 2013-4262