



Groundwater & Environmental Services, Inc.

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Williamsville, NY 14221

T. 800.287.7857

June 12, 2020

Mr. Payson Long
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, NY 12233-7013

Re: Mr. C's Dry Cleaners Site # 915157
April 2020 Operations, Maintenance and Monitoring Report

Dear Mr. Long:

Groundwater and Environmental Services Inc. (GES) is pleased to provide the May 2020 Operations, Maintenance and Monitoring (OM&M) Report for the Mr. C's Dry Cleaners Site, NYSDEC Site # 915157, located in the Village of East Aurora, NY. In response to a contract changeover, GES is presenting this report on behalf of Ecology and Environment (E&E).

During the May 2020 reporting period, the treatment system was in operation from May 5, 2020 to June 3, 2020. The May monthly OM&M sampling was performed on June 3, 2020, and the results were received from Eurofins Test America Buffalo on June 11, 2020 (**Attachment A**). Quarterly Pumping Well samples were collected on May 19, 2020 and the results were received from Eurofins Test America Buffalo on May 28, 2020. A summary of field activities performed during this period by GES is presented in **Attachment B**. The current annual site utility cost information is provided in **Attachment C**.

In review of the on-site treatment system operations, monitoring and maintenance from May 2020, GES offers the following comments and highlights:

Operational Summary:

- Based on weekly site visits and Inspection reports prepared by GES, the remedial treatment system for the period of May 5, 2020 through June 3, 2020, had an operational up-time of 100%, and 98,775 gallons of contaminated groundwater were

treated during the reporting period. The treated effluent volumes and operational up-time are presented in **Table 1**.

- The analytical summary results of the June 3, 2020 samples indicated the total volatile organic compound (VOC) concentration of the influent to be 4198.6 micrograms per liter ($\mu\text{g/L}$) and the concentration of total VOCs in the effluent was 0 $\mu\text{g/L}$. The system operated in compliance with the Effluent Discharge Criteria during this period (**Table 2**). A summary of influent and effluent contaminant concentrations from June 3, 2020 are presented in **Table 3**. The influent and effluent VOC concentrations during each sampling event in 2018, 2019, and 2020 are presented in **Figure 1**.
- The Mr. C's treatment system, based on the total flows from the uptime operations, removed approximately 3.46 pounds (lbs) of VOCs during the period of May 5, 2020 through June 3, 2020. The system VOC treatment efficiency for May 2020 was approximately 100%. The calculations and data for the month are presented in **Table 3**. The mass of VOCs removed each month throughout 2018, 2019, and 2020 is shown in **Figure 2**.

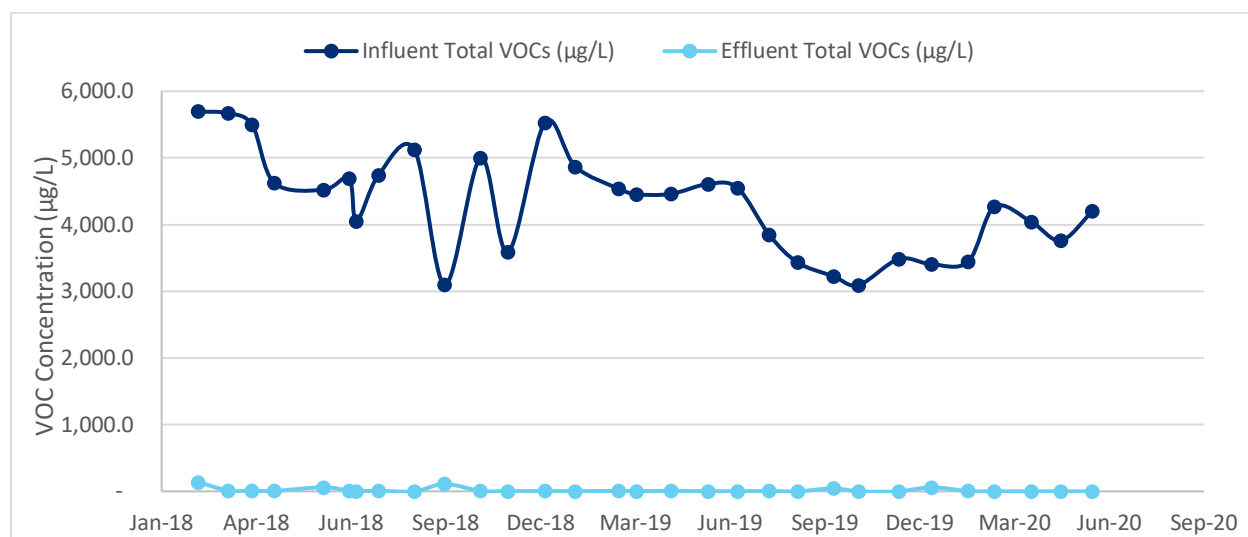


Figure 1: Influent and Effluent VOC concentrations during each sampling event from 2018 to present.

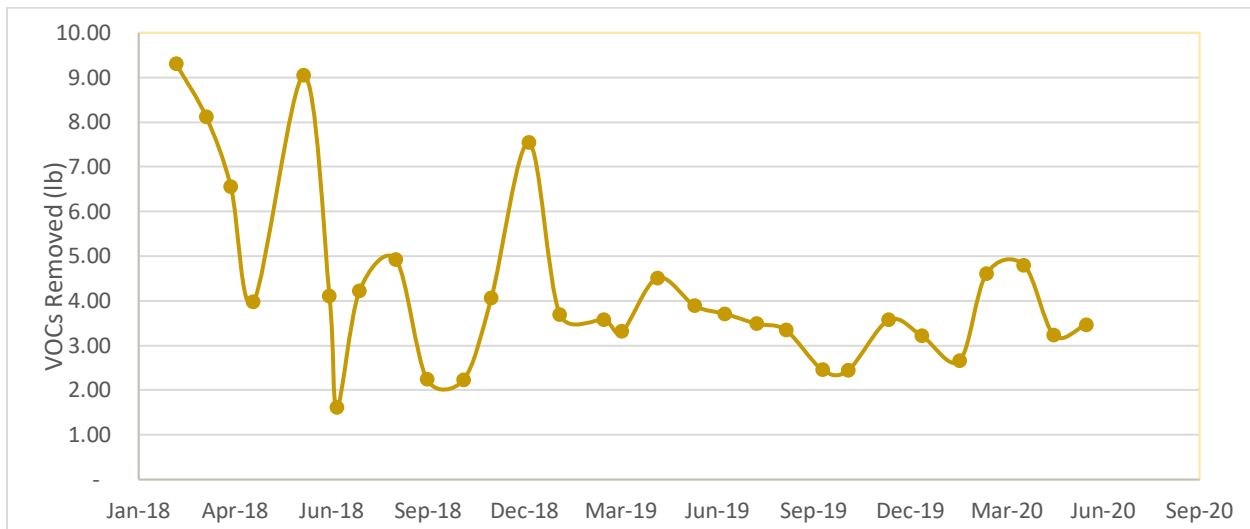


Figure 2: Mass of VOC's removed during the period of 2018 through present.

Pumping Well Summary:

- Pumping wells PW-4, PW-5, PW-6, PW-7 and PW-8 were sampled on May 19, 2020 for total volatile organic compounds (VOC's) and the results received from Eurofins Test America Buffalo on May 28, 2020.
- The analytical results are consistent with historical concentrations of VOC's and are included in **Attachment B**. An analytical summary of pumping well data is included in **Table 4**. The influent concentrations for pumping wells 4, 5, 6, 7, and 8 are shown in **Figures 3 through 7**.

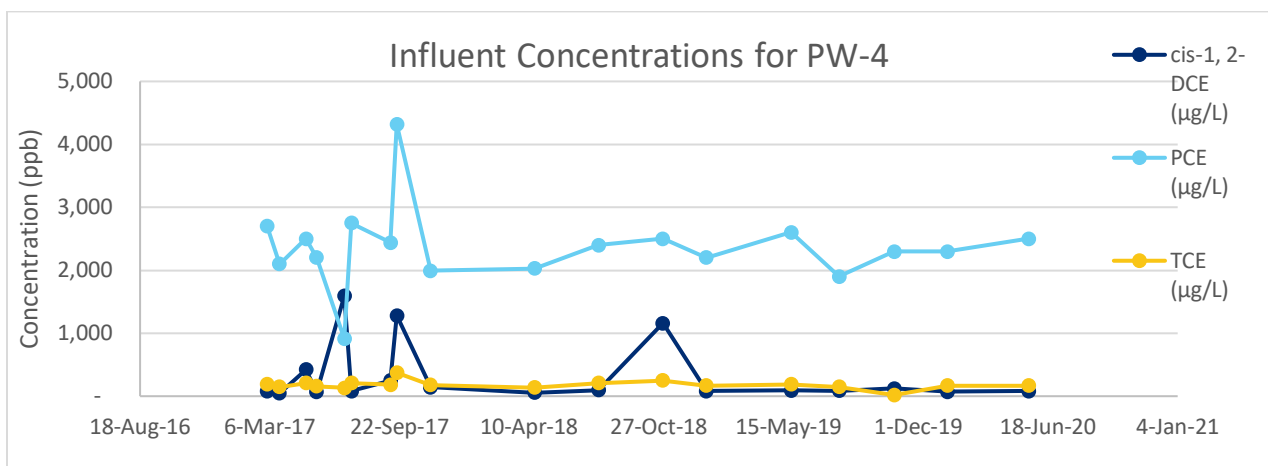


Figure 3: Influent Concentrations for Pumping Well 4.

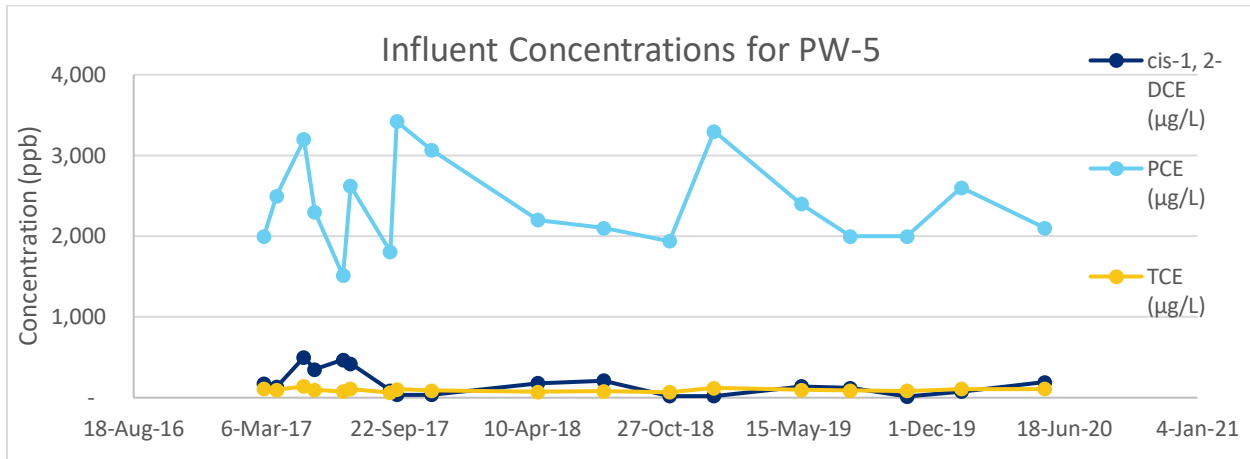


Figure 4: Influent Concentrations for Pumping Well 5.

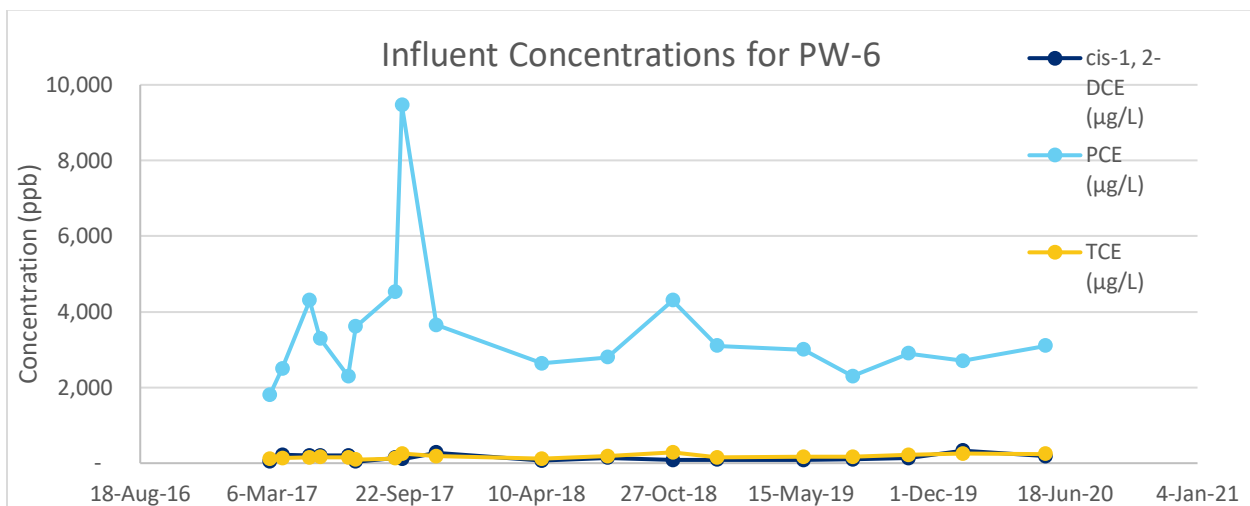


Figure 5: Influent Concentrations for Pumping Well 6.

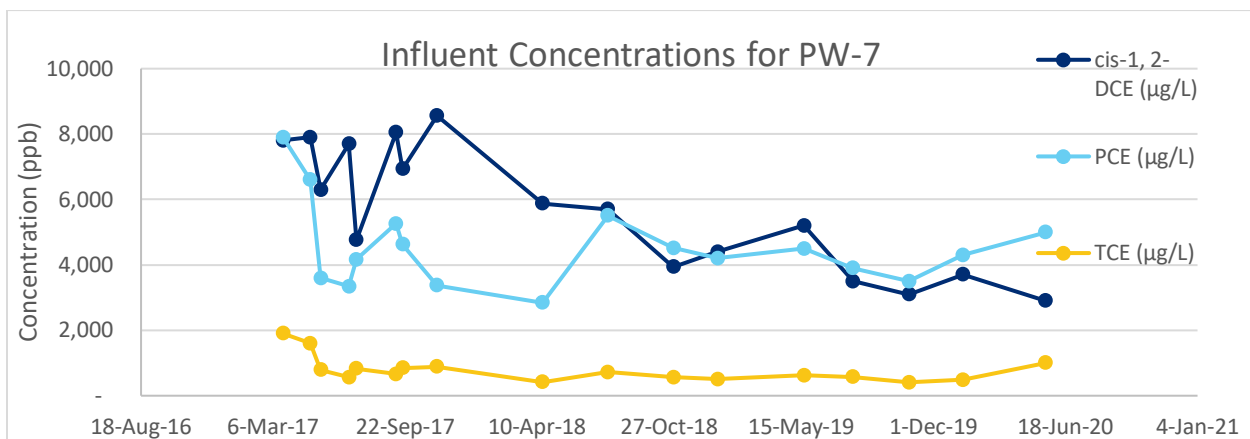


Figure 6: Influent Concentrations for Pumping Well 7.

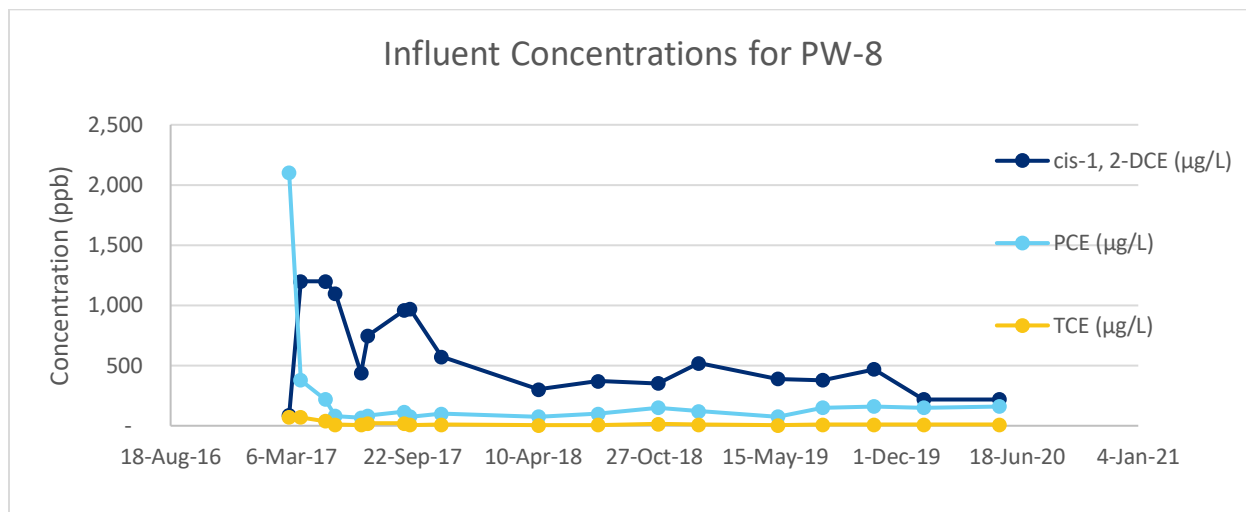


Figure 7: Influent Concentrations for Pumping Well 8.

The next monthly report will include data from the period of June 4, 2020 through July 6, 2020 and is scheduled for submission by July 31, 2020. This report is expected to be completed by Ecology and Environment due to a contract renewal. If you have any questions or require additional information please contact the undersigned at (800) 287-7857 extension 4346.

Sincerely,

Thomas D. Palmer
 Project Manager



Tables

Table 1
Mr. C's Dry Cleaners Site Remediation
Site #915157
System Operation and Management

Month	Sample Date	Up-time (Reporting Period)		Treated Effluent (gallons)	VOC Removal		
		Reporting Hours	Operational Up-time		Influent VOCs (µg/L)	Effluent VOCs (µg/L)	VOCs Removed (lbs.)
(Treatment System Up-time from 9/5/02 to 01/03/20)		147,266	91.54%	134,339,311	NA	NA	1,794.68
January 03, 2020 to February 07, 2020	February 7, 2020	672	77.14%	92,500	3,444.0	5.00	2.66
February 08, 2020 to March 02, 2020	March 2, 2020	576	100.00%	129,217	4,267.7	0.00	4.60
March 03, 2020 to April 06, 2020	April 6, 2020	840	100.00%	142,390	4,040	0.00	4.80
April 07, 2020 to May 04, 2020	May 4, 2020	672	100.00%	103,085	3,761	0.00	3.24
May 05, 2020 to June 03, 2020	June 3, 2020	720	100.00%	98,755	4,199	0.00	3.46
<i>Total in 2020</i>		3,480	94.59%	565,947	NA	NA	18.76
<i>Total from startup</i>		150,746	91.61%	134,905,258	NA	NA	1,813.44

NOTES:

1. Up-time based as percentage of total reporting hours.
2. Treatment system operated by Iyer Environmental Group from 07/07/2016 to 2/24/2020. GES operating system from 2/24/20 to present.
3. VOC removal calculations are based on monthly water samples and assumes samples are representative of the entire reporting period.
4. VOC removal calculations assume that non-detect values = 0 ug/L.
5. Total VOCs summations include estimated "J" values.
6. VOC removal calculations are based on effluent totalizer readings.
7. "Influent VOCs" and "Effluent VOCs" values given above is the summation of values for individual compounds given in monthly analytical reports.
8. Unit conversion: 1 pound = 453.5924 grams, 1 gallon = 3.785 liters
9. Formula for the VOC removal calculation:

$$(VOCs_{Influent} - VOCs_{Effluent})(\mu g/L) \cdot (1g/10^6 \mu g) \cdot (1 lb/453.5924 g) \cdot (Monthly process water)(gal) \cdot (3.785 L/gallon)$$

µg/L = micrograms per liter

lbs = pounds

Table 2
Mr. C's Dry Cleaners Site Remediation
Site #915157
Effluent Discharge Criteria & Analytical Compliance Results

Parameter/Analyte	Daily Maximum ¹	Units	June 3, 2020 Effluent Analytical Values Compliance
Flow (Average) ²	N/A	gpd	
pH	6.0 - 9.0	standard units	8.4
1,1 Dichloroethene	10	µg/L	ND(<1.0)
cis-1,2-dichloroethene	10	µg/L	ND(<2.0)
Trichloroethene	10	µg/L	ND(<2.0)
Tetrachloroethene	10	µg/L	ND(<2.0)
Vinyl Chloride	10	µg/L	ND(<2.0)
Benzene	5	µg/L	ND(<2.0)
Ethylbenzene	5	µg/L	ND(<2.0)
Methylene Chloride	10	µg/L	ND(<2.0)
1,1,1 Trichloroethane	10	µg/L	ND(<2.0)
Toluene	5	µg/L	ND(<2.0)
Methyl-t-Butyl Ether (MTBE)	NA	ug/L	ND(<2.0)
o-Xylene ³	5	µg/L	ND(<1.0)
m, p-Xylene ³	10	µg/L	ND(<1.0)
Total Xylenes	NA	ug/L	ND(<2.0)
Iron, total ⁴	600	µg/L	NA ⁴
Aluminum ⁴	4,000	µg/L	NA ⁴
Copper ⁴	48	µg/L	NA ⁴
Lead ⁴	11	µg/L	NA ⁴
Manganese ⁴	2,000	µg/L	NA ⁴
Silver ⁴	100	µg/L	NA ⁴
Vanadium ⁴	28	µg/L	NA ⁴
Zinc ⁴	230	µg/L	NA ⁴
Total Dissolved Solids ⁴	850	mg/L	NA ⁴
Total Suspended Solids ⁴	20	mg/L	NA ⁴
Hardness	N/A	mg/L	531
Cyanide, Free ⁴	10	µg/L	NA ⁴

NOTES:

- "Daily Maximum" excerpted from Attachment E of Addendum 1 to the Construction Contract Documents dated October 2000.
- Average flows based on effluent readings:
May 5, 2020 through June 3, 2020 = 3,405 gallons per day
- Analytical report did not differentiate between o-Xylene and m, p-Xylene. Total Xylene value reported is given in each line.
- Removed from the required analysis list by NYSDEC Region 9 in February 2005.
- Dark shaded cells indicate that analytical value exceeds the "Daily Maximum."
- "ND" indicates that the compound was not detected and lists the practical quantitation limit in parentheses.
- "NA" indicates that analyses were not performed and data is unavailable.
- "J" indicates an estimated value below the detection limit.
- "B" indicates analyte found in the associated blank.
- "NS" indicates that the parameter analysis was not sampled.

40

Indicates non-compliance with the NYSDEC effluent discharge requirements

NR

Indicates Not Reported by Lab

Table 3
Mr. C's Dry Cleaners Site Remediation
NYSDEC Site #915157
May 2020 VOC Analytical Summary

Compound	Based on the June 3, 2020 Effluent Analytical Results				
	Influent Concentration		Effluent Concentration		Treatment Efficiency*
	(ug/L)		(ug/L)		(%)
Acetone	ND(<200)	U	ND(<20)	U	NA
Benzene	ND(<20)	U	ND(<2.0)	U	NA
2-Butanone	ND(<200)	U	ND(<20)	U	NA
1,1-Dichloroethene	ND (<20)	U	ND(<2.0)	U	NA
cis-1, 2-Dichloroethene	1,700		ND(<2.0)	U	100.00%
Chloroform	ND(<20)	U	ND(<2.0)	U	NA
Chloromethane	ND(<20)	U	ND(<2.0)	U	NA
Methylene chloride	ND(<20)	U	ND(<2.0)	U	NA
Methyl tert-butyl ether (MTBE)	8.6	J	ND(<2.0)	U	100.00%
Methyl acetate	ND(<50)	U	ND(<5.0)	U	NA
Tetrachloroethene (PCE)	2,000		ND(<2.0)	U	100.00%
Toluene	ND(<20)	U	ND(<2.0)	U	NA
Trichloroethene (TCE)	310		ND(<2.0)	U	100.00%
Carbon Disulfide	ND(<20)	U	ND(<2.0)	U	NA
1,1,2 Trichloro-1,2,2-trifluoroethane	ND(<20)	U	ND(<2.0)	U	NA
2-Hexanone	ND(<100)	U	ND(<10)	U	NA
4-Methyl-2-pentanone	ND(<100)	U	ND(<10)	U	NA
Cyclohexane	ND(<20)	U	ND(<2.0)	U	NA
trans-1,2-dichloroethene	ND (<20)	U	ND(<2.0)	U	NA
Chlorobenzene	ND(<20)	U	ND(<2.0)	U	NA
Methylcyclohexane	ND(<20)	U	ND(<2.0)	U	NA
Ethylbenzene	ND(<20)	U	ND(<2.0)	U	NA
Vinyl Chloride	180		ND(<2.0)	U	100.00%
Total Xylenes	ND(<40)	U	ND(<4.0)	U	NA
TOTAL:	4,199		0.0		100.00%

Notes:

1. The efficiency cleanup values are calculated based on the June 3, 2020 results
2. "NA" = Not applicable
3. "U" = Compound analyzed, but was not detected. Detection limit in parentheses.
4. "DJ" or "J" indicates an estimated value below the practical quantitation limit but above the method detection limit.
5. "F1"=MS and/or MSD recovery exceeds control limits.
6. Non-detect values are assumed to be equal to zero for calculation of monthly average concentrations.
7. "S" indicates an estimated value and suspected lab contamination.
8. "Bold" - exceeds the SPDES Equivalency Permit Requirements.

* Contaminants of Concern only

Table 4
Mr. C's Dry Cleaners Site Remediation
NYSDEC Site #915157
May 2020 Analytical Summary of Groundwater from Pumping Wells

Compound*	Based on the May 19, 2020 Analytical Results									
	Puming Well PW-04**		Puming Well PW-05**		Puming Well PW-06**		Puming Well PW-07**		Puming Well PW-08**	
	(ug/L)		(ug/L)		(ug/L)		(ug/L)		(ug/L)	
Acetone	ND (<400)	U	ND (<500)	U	ND (<800)	U	ND (<800)	U	ND (<40)	U
Benzene	ND (<40)	U	ND (<50)	U	ND (<80)	U	ND (<80)	U	ND (<4.0)	U
2-Butanone	ND (<400)	U	ND (<500)	U	ND (<800)	U	ND (<800)	U	ND (<40)	U
cis-1, 2-Dichloroethene	81		190		180		2900		220	
Chloroform	ND (<40)	U	ND (<50)	U	ND (<80)	U	ND (<80)	U	2.8	J
Chloromethane	ND (<40)	U	ND (<50)	U	ND (<80)	U	ND (<80)	U	ND (<4.0)	U
Methylene chloride	ND (<40)	U	ND (<50)	U	ND (<80)	U	ND (<80)	U	ND (<4.0)	U
Methyl tert-butyl ether (MTBE)	ND (<40)	U	ND (<50)	U	ND (<80)	U	ND (<80)	U	5	
Methyl acetate	ND (<100)	U	ND (<130)	U	ND (<200)	U	ND (<200)	U	ND (<10)	U
Tetrachloroethene (PCE)	2500		2100		3100		5000		160	
Toluene	ND (<40)	U	ND (<50)	U	ND (<80)	U	ND (<80)	U	ND (<4.0)	U
Trichloroethene (TCE)	170		110		240		1000		10	
Carbon Disulfide	ND (<40)	U	ND (<50)	U	ND (<80)	U	ND (<80)	U	ND (<4.0)	U
1,1,2 Trichloro-1,2,2-trifluoroethane	ND (<40)	U	ND (<50)	U	ND (<80)	U	ND (<80)	U	ND (<4.0)	U
2-Hexanone	ND (<200)	U	ND (<250)	U	ND (<400)	U	ND (<400)	U	ND (<20)	U
4-Methyl-2-pentanone	ND (<200)	U	ND (<250)	U	ND (<400)	U	ND (<400)	U	ND (<20)	U
Cyclohexane	ND (<40)	U	ND (<50)	U	ND (<80)	U	ND (<80)	U	ND (<4.0)	U
trans-1,2-dichloroethene	ND (<40)	U	ND (<50)	U	ND (<80)	U	ND (<80)	U	ND (<4.0)	U
Chlorobenzene	ND (<40)	U	ND (<50)	U	ND (<80)	U	ND (<80)	U	ND (<4.0)	U
Methylcyclohexane	ND (<40)	U	ND (<50)	U	ND (<80)	U	ND (<80)	U	ND (<4.0)	U
Ethylbenzene	ND (<40)	U	ND (<50)	U	ND (<80)	U	ND (<80)	U	ND (<4.0)	U
Vinyl Chloride	ND (<40)	U	ND (<50)	U	ND (<80)	U	260		26	
Total Xylenes	ND (<80)	U	ND (<100)	U	ND (<160)	U	ND (<160)	U	ND (<8.0)	U
TOTAL:	2751.0		2400.00		3520.00		9160.00		423.80	

Notes:

1. "NA" = Not applicable
2. "U" = Compound analyzed, but was not detected. Detection limit in parentheses.
3. "DJ" or "J" indicates an estimated value below the practical quantitation limit but above the method detection limit.
4. Non-detect values are assumed to be equal to zero for calculation of monthly average concentrations.
5. "D" indicates the compound concentration was obtained from a secondary dilution analysis.
6. "Bold" - exceeds the SPDES Equilavency Permit Requirements.
7. **Detection Limits** (<1), (<10), (<20), (<30) (<50) (<100), (<150), (<250), and (<500)



Attachment A – Analytical Data

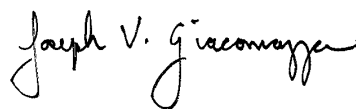
ANALYTICAL REPORT

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

Laboratory Job ID: 480-170165-1
Client Project/Site: Mr C's Site #915157

For:
New York State D.E.C.
625 Broadway
11th Floor
Albany, New York 12233-3256

Attn: Mr. Payson Long



Authorized for release by:

5/28/2020 9:59:20 AM

Joe Giacomazza, Project Management Assistant II
joe.giacomazza@testamericainc.com

Designee for

Orlette Johnson, Senior Project Manager
(484)685-0864
orlette.johnson@testamericainc.com

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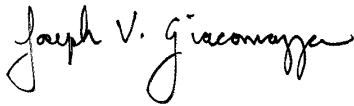
www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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
5/28/2020 9:59:21 AM

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Definitions/Glossary

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170165-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
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
ML	Minimum Level (Dioxin)
MQL	Method Quantitation Limit
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)

Case Narrative

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170165-1

Job ID: 480-170165-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-170165-1

Comments

No additional comments.

Receipt

The samples were received on 5/19/2020 2:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 5.2° C.

GC/MS VOA

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: PW-4 (480-170165-1), PW-5 (480-170165-2), PW-6 (480-170165-3), PW-7 (480-170165-4) and PW-8 (480-170165-5). 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.

Detection Summary

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170165-1

Client Sample ID: PW-4

Lab Sample ID: 480-170165-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	81		40	32	ug/L	40		8260C	Total/NA
Tetrachloroethene	2500		40	14	ug/L	40		8260C	Total/NA
Trichloroethene	170		40	18	ug/L	40		8260C	Total/NA

Client Sample ID: PW-5

Lab Sample ID: 480-170165-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	190		50	41	ug/L	50		8260C	Total/NA
Tetrachloroethene	2100		50	18	ug/L	50		8260C	Total/NA
Trichloroethene	110		50	23	ug/L	50		8260C	Total/NA

Client Sample ID: PW-6

Lab Sample ID: 480-170165-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	180		80	65	ug/L	80		8260C	Total/NA
Tetrachloroethene	3100		80	29	ug/L	80		8260C	Total/NA
Trichloroethene	240		80	37	ug/L	80		8260C	Total/NA

Client Sample ID: PW-7

Lab Sample ID: 480-170165-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2900		80	65	ug/L	80		8260C	Total/NA
Tetrachloroethene	5000		80	29	ug/L	80		8260C	Total/NA
Trichloroethene	1000		80	37	ug/L	80		8260C	Total/NA
Vinyl chloride	260		80	72	ug/L	80		8260C	Total/NA

Client Sample ID: PW-8

Lab Sample ID: 480-170165-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	2.8	J	4.0	1.4	ug/L	4		8260C	Total/NA
cis-1,2-Dichloroethene	220		4.0	3.2	ug/L	4		8260C	Total/NA
Methyl tert-butyl ether	5.0		4.0	0.64	ug/L	4		8260C	Total/NA
Tetrachloroethene	160		4.0	1.4	ug/L	4		8260C	Total/NA
Trichloroethene	10		4.0	1.8	ug/L	4		8260C	Total/NA
Vinyl chloride	26		4.0	3.6	ug/L	4		8260C	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 480-170165-6

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170165-1

Client Sample ID: PW-4

Lab Sample ID: 480-170165-1

Date Collected: 05/19/20 08:50

Matrix: Water

Date Received: 05/19/20 14:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		40	33	ug/L			05/26/20 11:14	40
1,1,2,2-Tetrachloroethane	ND		40	8.4	ug/L			05/26/20 11:14	40
1,1,2-Trichloroethane	ND		40	9.2	ug/L			05/26/20 11:14	40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		40	12	ug/L			05/26/20 11:14	40
1,1-Dichloroethane	ND		40	15	ug/L			05/26/20 11:14	40
1,1-Dichloroethene	ND		40	12	ug/L			05/26/20 11:14	40
1,2,4-Trichlorobenzene	ND		40	16	ug/L			05/26/20 11:14	40
1,2-Dibromo-3-Chloropropane	ND		40	16	ug/L			05/26/20 11:14	40
1,2-Dichlorobenzene	ND		40	32	ug/L			05/26/20 11:14	40
1,2-Dichloroethane	ND		40	8.4	ug/L			05/26/20 11:14	40
1,2-Dichloropropane	ND		40	29	ug/L			05/26/20 11:14	40
1,3-Dichlorobenzene	ND		40	31	ug/L			05/26/20 11:14	40
1,4-Dichlorobenzene	ND		40	34	ug/L			05/26/20 11:14	40
2-Butanone (MEK)	ND		400	53	ug/L			05/26/20 11:14	40
2-Hexanone	ND		200	50	ug/L			05/26/20 11:14	40
4-Methyl-2-pentanone (MIBK)	ND		200	84	ug/L			05/26/20 11:14	40
Acetone	ND		400	120	ug/L			05/26/20 11:14	40
Benzene	ND		40	16	ug/L			05/26/20 11:14	40
Bromodichloromethane	ND		40	16	ug/L			05/26/20 11:14	40
Bromoform	ND		40	10	ug/L			05/26/20 11:14	40
Bromomethane	ND		40	28	ug/L			05/26/20 11:14	40
Carbon disulfide	ND		40	7.6	ug/L			05/26/20 11:14	40
Carbon tetrachloride	ND		40	11	ug/L			05/26/20 11:14	40
Chlorobenzene	ND		40	30	ug/L			05/26/20 11:14	40
Dibromochloromethane	ND		40	13	ug/L			05/26/20 11:14	40
Chloroethane	ND		40	13	ug/L			05/26/20 11:14	40
Chloroform	ND		40	14	ug/L			05/26/20 11:14	40
Chloromethane	ND		40	14	ug/L			05/26/20 11:14	40
cis-1,2-Dichloroethene	81		40	32	ug/L			05/26/20 11:14	40
cis-1,3-Dichloropropene	ND		40	14	ug/L			05/26/20 11:14	40
Cyclohexane	ND		40	7.2	ug/L			05/26/20 11:14	40
Dichlorodifluoromethane	ND		40	27	ug/L			05/26/20 11:14	40
Ethylbenzene	ND		40	30	ug/L			05/26/20 11:14	40
1,2-Dibromoethane	ND		40	29	ug/L			05/26/20 11:14	40
Isopropylbenzene	ND		40	32	ug/L			05/26/20 11:14	40
Methyl acetate	ND		100	52	ug/L			05/26/20 11:14	40
Methyl tert-butyl ether	ND		40	6.4	ug/L			05/26/20 11:14	40
Methylcyclohexane	ND		40	6.4	ug/L			05/26/20 11:14	40
Methylene Chloride	ND		40	18	ug/L			05/26/20 11:14	40
Styrene	ND		40	29	ug/L			05/26/20 11:14	40
Tetrachloroethene	2500		40	14	ug/L			05/26/20 11:14	40
Toluene	ND		40	20	ug/L			05/26/20 11:14	40
trans-1,2-Dichloroethene	ND		40	36	ug/L			05/26/20 11:14	40
trans-1,3-Dichloropropene	ND		40	15	ug/L			05/26/20 11:14	40
Trichloroethene	170		40	18	ug/L			05/26/20 11:14	40
Trichlorofluoromethane	ND		40	35	ug/L			05/26/20 11:14	40
Vinyl chloride	ND		40	36	ug/L			05/26/20 11:14	40
Xylenes, Total	ND		80	26	ug/L			05/26/20 11:14	40

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170165-1

Client Sample ID: PW-4

Date Collected: 05/19/20 08:50

Date Received: 05/19/20 14:30

Lab Sample ID: 480-170165-1

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		80 - 120		05/26/20 11:14	40
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		05/26/20 11:14	40
4-Bromofluorobenzene (Surr)	98		73 - 120		05/26/20 11:14	40
Dibromofluoromethane (Surr)	96		75 - 123		05/26/20 11:14	40

Client Sample ID: PW-5

Date Collected: 05/19/20 09:15

Date Received: 05/19/20 14:30

Lab Sample ID: 480-170165-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		50	41	ug/L			05/26/20 11:39	50
1,1,1,2-Tetrachloroethane	ND		50	11	ug/L			05/26/20 11:39	50
1,1,1,2-Trichloroethane	ND		50	12	ug/L			05/26/20 11:39	50
1,1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50	16	ug/L			05/26/20 11:39	50
1,1-Dichloroethane	ND		50	19	ug/L			05/26/20 11:39	50
1,1-Dichloroethene	ND		50	15	ug/L			05/26/20 11:39	50
1,2,4-Trichlorobenzene	ND		50	21	ug/L			05/26/20 11:39	50
1,2-Dibromo-3-Chloropropane	ND		50	20	ug/L			05/26/20 11:39	50
1,2-Dichlorobenzene	ND		50	40	ug/L			05/26/20 11:39	50
1,2-Dichloroethane	ND		50	11	ug/L			05/26/20 11:39	50
1,2-Dichloropropane	ND		50	36	ug/L			05/26/20 11:39	50
1,3-Dichlorobenzene	ND		50	39	ug/L			05/26/20 11:39	50
1,4-Dichlorobenzene	ND		50	42	ug/L			05/26/20 11:39	50
2-Butanone (MEK)	ND		500	66	ug/L			05/26/20 11:39	50
2-Hexanone	ND		250	62	ug/L			05/26/20 11:39	50
4-Methyl-2-pentanone (MIBK)	ND		250	110	ug/L			05/26/20 11:39	50
Acetone	ND		500	150	ug/L			05/26/20 11:39	50
Benzene	ND		50	21	ug/L			05/26/20 11:39	50
Bromodichloromethane	ND		50	20	ug/L			05/26/20 11:39	50
Bromoform	ND		50	13	ug/L			05/26/20 11:39	50
Bromomethane	ND		50	35	ug/L			05/26/20 11:39	50
Carbon disulfide	ND		50	9.5	ug/L			05/26/20 11:39	50
Carbon tetrachloride	ND		50	14	ug/L			05/26/20 11:39	50
Chlorobenzene	ND		50	38	ug/L			05/26/20 11:39	50
Dibromochloromethane	ND		50	16	ug/L			05/26/20 11:39	50
Chloroethane	ND		50	16	ug/L			05/26/20 11:39	50
Chloroform	ND		50	17	ug/L			05/26/20 11:39	50
Chloromethane	ND		50	18	ug/L			05/26/20 11:39	50
cis-1,2-Dichloroethene	190		50	41	ug/L			05/26/20 11:39	50
cis-1,3-Dichloropropene	ND		50	18	ug/L			05/26/20 11:39	50
Cyclohexane	ND		50	9.0	ug/L			05/26/20 11:39	50
Dichlorodifluoromethane	ND		50	34	ug/L			05/26/20 11:39	50
Ethylbenzene	ND		50	37	ug/L			05/26/20 11:39	50
1,2-Dibromoethane	ND		50	37	ug/L			05/26/20 11:39	50
Isopropylbenzene	ND		50	40	ug/L			05/26/20 11:39	50
Methyl acetate	ND		130	65	ug/L			05/26/20 11:39	50
Methyl tert-butyl ether	ND		50	8.0	ug/L			05/26/20 11:39	50
Methylcyclohexane	ND		50	8.0	ug/L			05/26/20 11:39	50
Methylene Chloride	ND		50	22	ug/L			05/26/20 11:39	50

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170165-1

Client Sample ID: PW-5

Lab Sample ID: 480-170165-2

Date Collected: 05/19/20 09:15

Matrix: Water

Date Received: 05/19/20 14:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		50	37	ug/L			05/26/20 11:39	50
Tetrachloroethene	2100		50	18	ug/L			05/26/20 11:39	50
Toluene	ND		50	26	ug/L			05/26/20 11:39	50
trans-1,2-Dichloroethene	ND		50	45	ug/L			05/26/20 11:39	50
trans-1,3-Dichloropropene	ND		50	19	ug/L			05/26/20 11:39	50
Trichloroethene	110		50	23	ug/L			05/26/20 11:39	50
Trichlorofluoromethane	ND		50	44	ug/L			05/26/20 11:39	50
Vinyl chloride	ND		50	45	ug/L			05/26/20 11:39	50
Xylenes, Total	ND		100	33	ug/L			05/26/20 11:39	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120					05/26/20 11:39	50
1,2-Dichloroethane-d4 (Surr)	106		77 - 120					05/26/20 11:39	50
4-Bromofluorobenzene (Surr)	93		73 - 120					05/26/20 11:39	50
Dibromofluoromethane (Surr)	98		75 - 123					05/26/20 11:39	50

Client Sample ID: PW-6

Lab Sample ID: 480-170165-3

Date Collected: 05/19/20 09:25

Matrix: Water

Date Received: 05/19/20 14:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		80	66	ug/L			05/26/20 12:03	80
1,1,1,2,2-Tetrachloroethane	ND		80	17	ug/L			05/26/20 12:03	80
1,1,1,2-Trichloroethane	ND		80	18	ug/L			05/26/20 12:03	80
1,1,1,2-Trichloro-1,2,2-trifluoroethane	ND		80	25	ug/L			05/26/20 12:03	80
1,1-Dichloroethane	ND		80	30	ug/L			05/26/20 12:03	80
1,1-Dichloroethene	ND		80	23	ug/L			05/26/20 12:03	80
1,2,4-Trichlorobenzene	ND		80	33	ug/L			05/26/20 12:03	80
1,2-Dibromo-3-Chloropropane	ND		80	31	ug/L			05/26/20 12:03	80
1,2-Dichlorobenzene	ND		80	63	ug/L			05/26/20 12:03	80
1,2-Dichloroethane	ND		80	17	ug/L			05/26/20 12:03	80
1,2-Dichloropropane	ND		80	58	ug/L			05/26/20 12:03	80
1,3-Dichlorobenzene	ND		80	62	ug/L			05/26/20 12:03	80
1,4-Dichlorobenzene	ND		80	67	ug/L			05/26/20 12:03	80
2-Butanone (MEK)	ND		800	110	ug/L			05/26/20 12:03	80
2-Hexanone	ND		400	99	ug/L			05/26/20 12:03	80
4-Methyl-2-pentanone (MIBK)	ND		400	170	ug/L			05/26/20 12:03	80
Acetone	ND		800	240	ug/L			05/26/20 12:03	80
Benzene	ND		80	33	ug/L			05/26/20 12:03	80
Bromodichloromethane	ND		80	31	ug/L			05/26/20 12:03	80
Bromoform	ND		80	21	ug/L			05/26/20 12:03	80
Bromomethane	ND		80	55	ug/L			05/26/20 12:03	80
Carbon disulfide	ND		80	15	ug/L			05/26/20 12:03	80
Carbon tetrachloride	ND		80	22	ug/L			05/26/20 12:03	80
Chlorobenzene	ND		80	60	ug/L			05/26/20 12:03	80
Dibromochloromethane	ND		80	26	ug/L			05/26/20 12:03	80
Chloroethane	ND		80	26	ug/L			05/26/20 12:03	80
Chloroform	ND		80	27	ug/L			05/26/20 12:03	80
Chloromethane	ND		80	28	ug/L			05/26/20 12:03	80

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170165-1

Client Sample ID: PW-6

Lab Sample ID: 480-170165-3

Date Collected: 05/19/20 09:25

Matrix: Water

Date Received: 05/19/20 14:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	180		80	65	ug/L			05/26/20 12:03	80
cis-1,3-Dichloropropene	ND		80	29	ug/L			05/26/20 12:03	80
Cyclohexane	ND		80	14	ug/L			05/26/20 12:03	80
Dichlorodifluoromethane	ND		80	54	ug/L			05/26/20 12:03	80
Ethylbenzene	ND		80	59	ug/L			05/26/20 12:03	80
1,2-Dibromoethane	ND		80	58	ug/L			05/26/20 12:03	80
Isopropylbenzene	ND		80	63	ug/L			05/26/20 12:03	80
Methyl acetate	ND		200	100	ug/L			05/26/20 12:03	80
Methyl tert-butyl ether	ND		80	13	ug/L			05/26/20 12:03	80
Methylcyclohexane	ND		80	13	ug/L			05/26/20 12:03	80
Methylene Chloride	ND		80	35	ug/L			05/26/20 12:03	80
Styrene	ND		80	58	ug/L			05/26/20 12:03	80
Tetrachloroethene	3100		80	29	ug/L			05/26/20 12:03	80
Toluene	ND		80	41	ug/L			05/26/20 12:03	80
trans-1,2-Dichloroethene	ND		80	72	ug/L			05/26/20 12:03	80
trans-1,3-Dichloropropene	ND		80	30	ug/L			05/26/20 12:03	80
Trichloroethene	240		80	37	ug/L			05/26/20 12:03	80
Trichlorofluoromethane	ND		80	70	ug/L			05/26/20 12:03	80
Vinyl chloride	ND		80	72	ug/L			05/26/20 12:03	80
Xylenes, Total	ND		160	53	ug/L			05/26/20 12:03	80

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	104		80 - 120		05/26/20 12:03	80
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		05/26/20 12:03	80
4-Bromofluorobenzene (Surr)	91		73 - 120		05/26/20 12:03	80
Dibromofluoromethane (Surr)	95		75 - 123		05/26/20 12:03	80

Client Sample ID: PW-7

Lab Sample ID: 480-170165-4

Date Collected: 05/19/20 09:35

Matrix: Water

Date Received: 05/19/20 14:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		80	66	ug/L			05/26/20 12:28	80
1,1,2,2-Tetrachloroethane	ND		80	17	ug/L			05/26/20 12:28	80
1,1,2-Trichloroethane	ND		80	18	ug/L			05/26/20 12:28	80
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		80	25	ug/L			05/26/20 12:28	80
1,1-Dichloroethane	ND		80	30	ug/L			05/26/20 12:28	80
1,1-Dichloroethene	ND		80	23	ug/L			05/26/20 12:28	80
1,2,4-Trichlorobenzene	ND		80	33	ug/L			05/26/20 12:28	80
1,2-Dibromo-3-Chloropropane	ND		80	31	ug/L			05/26/20 12:28	80
1,2-Dichlorobenzene	ND		80	63	ug/L			05/26/20 12:28	80
1,2-Dichloroethane	ND		80	17	ug/L			05/26/20 12:28	80
1,2-Dichloropropane	ND		80	58	ug/L			05/26/20 12:28	80
1,3-Dichlorobenzene	ND		80	62	ug/L			05/26/20 12:28	80
1,4-Dichlorobenzene	ND		80	67	ug/L			05/26/20 12:28	80
2-Butanone (MEK)	ND		800	110	ug/L			05/26/20 12:28	80
2-Hexanone	ND		400	99	ug/L			05/26/20 12:28	80
4-Methyl-2-pentanone (MIBK)	ND		400	170	ug/L			05/26/20 12:28	80
Acetone	ND		800	240	ug/L			05/26/20 12:28	80

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170165-1

Client Sample ID: PW-7

Lab Sample ID: 480-170165-4

Date Collected: 05/19/20 09:35

Matrix: Water

Date Received: 05/19/20 14:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		80	33	ug/L			05/26/20 12:28	80
Bromodichloromethane	ND		80	31	ug/L			05/26/20 12:28	80
Bromoform	ND		80	21	ug/L			05/26/20 12:28	80
Bromomethane	ND		80	55	ug/L			05/26/20 12:28	80
Carbon disulfide	ND		80	15	ug/L			05/26/20 12:28	80
Carbon tetrachloride	ND		80	22	ug/L			05/26/20 12:28	80
Chlorobenzene	ND		80	60	ug/L			05/26/20 12:28	80
Dibromochloromethane	ND		80	26	ug/L			05/26/20 12:28	80
Chloroethane	ND		80	26	ug/L			05/26/20 12:28	80
Chloroform	ND		80	27	ug/L			05/26/20 12:28	80
Chloromethane	ND		80	28	ug/L			05/26/20 12:28	80
cis-1,2-Dichloroethene	2900		80	65	ug/L			05/26/20 12:28	80
cis-1,3-Dichloropropene	ND		80	29	ug/L			05/26/20 12:28	80
Cyclohexane	ND		80	14	ug/L			05/26/20 12:28	80
Dichlorodifluoromethane	ND		80	54	ug/L			05/26/20 12:28	80
Ethylbenzene	ND		80	59	ug/L			05/26/20 12:28	80
1,2-Dibromoethane	ND		80	58	ug/L			05/26/20 12:28	80
Isopropylbenzene	ND		80	63	ug/L			05/26/20 12:28	80
Methyl acetate	ND		200	100	ug/L			05/26/20 12:28	80
Methyl tert-butyl ether	ND		80	13	ug/L			05/26/20 12:28	80
Methylcyclohexane	ND		80	13	ug/L			05/26/20 12:28	80
Methylene Chloride	ND		80	35	ug/L			05/26/20 12:28	80
Styrene	ND		80	58	ug/L			05/26/20 12:28	80
Tetrachloroethene	5000		80	29	ug/L			05/26/20 12:28	80
Toluene	ND		80	41	ug/L			05/26/20 12:28	80
trans-1,2-Dichloroethene	ND		80	72	ug/L			05/26/20 12:28	80
trans-1,3-Dichloropropene	ND		80	30	ug/L			05/26/20 12:28	80
Trichloroethene	1000		80	37	ug/L			05/26/20 12:28	80
Trichlorofluoromethane	ND		80	70	ug/L			05/26/20 12:28	80
Vinyl chloride	260		80	72	ug/L			05/26/20 12:28	80
Xylenes, Total	ND		160	53	ug/L			05/26/20 12:28	80

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120		05/26/20 12:28	80
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		05/26/20 12:28	80
4-Bromofluorobenzene (Surr)	91		73 - 120		05/26/20 12:28	80
Dibromofluoromethane (Surr)	95		75 - 123		05/26/20 12:28	80

Client Sample ID: PW-8

Lab Sample ID: 480-170165-5

Date Collected: 05/19/20 09:45

Matrix: Water

Date Received: 05/19/20 14:30

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			05/26/20 12:53	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			05/26/20 12:53	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			05/26/20 12:53	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			05/26/20 12:53	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			05/26/20 12:53	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			05/26/20 12:53	4

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170165-1

Client Sample ID: PW-8

Lab Sample ID: 480-170165-5

Date Collected: 05/19/20 09:45

Matrix: Water

Date Received: 05/19/20 14:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			05/26/20 12:53	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			05/26/20 12:53	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			05/26/20 12:53	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			05/26/20 12:53	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			05/26/20 12:53	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			05/26/20 12:53	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			05/26/20 12:53	4
2-Butanone (MEK)	ND		40	5.3	ug/L			05/26/20 12:53	4
2-Hexanone	ND		20	5.0	ug/L			05/26/20 12:53	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			05/26/20 12:53	4
Acetone	ND		40	12	ug/L			05/26/20 12:53	4
Benzene	ND		4.0	1.6	ug/L			05/26/20 12:53	4
Bromodichloromethane	ND		4.0	1.6	ug/L			05/26/20 12:53	4
Bromoform	ND		4.0	1.0	ug/L			05/26/20 12:53	4
Bromomethane	ND		4.0	2.8	ug/L			05/26/20 12:53	4
Carbon disulfide	ND		4.0	0.76	ug/L			05/26/20 12:53	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			05/26/20 12:53	4
Chlorobenzene	ND		4.0	3.0	ug/L			05/26/20 12:53	4
Dibromochloromethane	ND		4.0	1.3	ug/L			05/26/20 12:53	4
Chloroethane	ND		4.0	1.3	ug/L			05/26/20 12:53	4
Chloroform	2.8	J	4.0	1.4	ug/L			05/26/20 12:53	4
Chloromethane	ND		4.0	1.4	ug/L			05/26/20 12:53	4
cis-1,2-Dichloroethene	220		4.0	3.2	ug/L			05/26/20 12:53	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			05/26/20 12:53	4
Cyclohexane	ND		4.0	0.72	ug/L			05/26/20 12:53	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			05/26/20 12:53	4
Ethylbenzene	ND		4.0	3.0	ug/L			05/26/20 12:53	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			05/26/20 12:53	4
Isopropylbenzene	ND		4.0	3.2	ug/L			05/26/20 12:53	4
Methyl acetate	ND		10	5.2	ug/L			05/26/20 12:53	4
Methyl tert-butyl ether	5.0		4.0	0.64	ug/L			05/26/20 12:53	4
Methylcyclohexane	ND		4.0	0.64	ug/L			05/26/20 12:53	4
Methylene Chloride	ND		4.0	1.8	ug/L			05/26/20 12:53	4
Styrene	ND		4.0	2.9	ug/L			05/26/20 12:53	4
Tetrachloroethene	160		4.0	1.4	ug/L			05/26/20 12:53	4
Toluene	ND		4.0	2.0	ug/L			05/26/20 12:53	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			05/26/20 12:53	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			05/26/20 12:53	4
Trichloroethene	10		4.0	1.8	ug/L			05/26/20 12:53	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			05/26/20 12:53	4
Vinyl chloride	26		4.0	3.6	ug/L			05/26/20 12:53	4
Xylenes, Total	ND		8.0	2.6	ug/L			05/26/20 12:53	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	103		80 - 120		05/26/20 12:53	4
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		05/26/20 12:53	4
4-Bromofluorobenzene (Surr)	93		73 - 120		05/26/20 12:53	4
Dibromofluoromethane (Surr)	98		75 - 123		05/26/20 12:53	4

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170165-1

Client Sample ID: Trip Blank

Lab Sample ID: 480-170165-6

Date Collected: 05/19/20 08:30

Matrix: Water

Date Received: 05/19/20 14:30

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			05/22/20 00:44	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/22/20 00:44	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/22/20 00:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/22/20 00:44	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/22/20 00:44	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/22/20 00:44	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/22/20 00:44	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/22/20 00:44	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/22/20 00:44	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/22/20 00:44	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/22/20 00:44	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/22/20 00:44	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/22/20 00:44	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/22/20 00:44	1
2-Hexanone	ND		5.0	1.2	ug/L			05/22/20 00:44	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/22/20 00:44	1
Acetone	ND		10	3.0	ug/L			05/22/20 00:44	1
Benzene	ND		1.0	0.41	ug/L			05/22/20 00:44	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/22/20 00:44	1
Bromoform	ND		1.0	0.26	ug/L			05/22/20 00:44	1
Bromomethane	ND		1.0	0.69	ug/L			05/22/20 00:44	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/22/20 00:44	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/22/20 00:44	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/22/20 00:44	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/22/20 00:44	1
Chloroethane	ND		1.0	0.32	ug/L			05/22/20 00:44	1
Chloroform	ND		1.0	0.34	ug/L			05/22/20 00:44	1
Chloromethane	ND		1.0	0.35	ug/L			05/22/20 00:44	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/22/20 00:44	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/22/20 00:44	1
Cyclohexane	ND		1.0	0.18	ug/L			05/22/20 00:44	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/22/20 00:44	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/22/20 00:44	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/22/20 00:44	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/22/20 00:44	1
Methyl acetate	ND		2.5	1.3	ug/L			05/22/20 00:44	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/22/20 00:44	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/22/20 00:44	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/22/20 00:44	1
Styrene	ND		1.0	0.73	ug/L			05/22/20 00:44	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/22/20 00:44	1
Toluene	ND		1.0	0.51	ug/L			05/22/20 00:44	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/22/20 00:44	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/22/20 00:44	1
Trichloroethene	ND		1.0	0.46	ug/L			05/22/20 00:44	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/22/20 00:44	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/22/20 00:44	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/22/20 00:44	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170165-1

Client Sample ID: Trip Blank

Lab Sample ID: 480-170165-6

Date Collected: 05/19/20 08:30

Matrix: Water

Date Received: 05/19/20 14:30

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	98		80 - 120		05/22/20 00:44	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	101		77 - 120		05/22/20 00:44	1
<i>4-Bromofluorobenzene (Surr)</i>	96		73 - 120		05/22/20 00:44	1
<i>Dibromofluoromethane (Surr)</i>	98		75 - 123		05/22/20 00:44	1

Surrogate Summary

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170165-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		TOL (80-120)	DCA (77-120)	BFB (73-120)	DBFM (75-123)
480-170165-1	PW-4	102	103	98	96
480-170165-2	PW-5	100	106	93	98
480-170165-3	PW-6	104	101	91	95
480-170165-4	PW-7	100	102	91	95
480-170165-5	PW-8	103	107	93	98
480-170165-6	Trip Blank	98	101	96	98
LCS 480-532911/6	Lab Control Sample	95	96	94	97
LCS 480-533282/5	Lab Control Sample	100	103	93	98
MB 480-532911/8	Method Blank	93	98	91	96
MB 480-533282/7	Method Blank	102	99	90	94

Surrogate Legend

TOL = Toluene-d8 (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170165-1

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

Lab Sample ID: MB 480-532911/8

Matrix: Water

Analysis Batch: 532911

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			05/21/20 20:41	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/21/20 20:41	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/21/20 20:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/21/20 20:41	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/21/20 20:41	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/21/20 20:41	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/21/20 20:41	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/21/20 20:41	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/21/20 20:41	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/21/20 20:41	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/21/20 20:41	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/21/20 20:41	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/21/20 20:41	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/21/20 20:41	1
2-Hexanone	ND		5.0	1.2	ug/L			05/21/20 20:41	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/21/20 20:41	1
Acetone	ND		10	3.0	ug/L			05/21/20 20:41	1
Benzene	ND		1.0	0.41	ug/L			05/21/20 20:41	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/21/20 20:41	1
Bromoform	ND		1.0	0.26	ug/L			05/21/20 20:41	1
Bromomethane	ND		1.0	0.69	ug/L			05/21/20 20:41	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/21/20 20:41	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/21/20 20:41	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/21/20 20:41	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/21/20 20:41	1
Chloroethane	ND		1.0	0.32	ug/L			05/21/20 20:41	1
Chloroform	ND		1.0	0.34	ug/L			05/21/20 20:41	1
Chloromethane	ND		1.0	0.35	ug/L			05/21/20 20:41	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/21/20 20:41	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/21/20 20:41	1
Cyclohexane	ND		1.0	0.18	ug/L			05/21/20 20:41	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/21/20 20:41	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/21/20 20:41	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/21/20 20:41	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/21/20 20:41	1
Methyl acetate	ND		2.5	1.3	ug/L			05/21/20 20:41	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/21/20 20:41	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/21/20 20:41	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/21/20 20:41	1
Styrene	ND		1.0	0.73	ug/L			05/21/20 20:41	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/21/20 20:41	1
Toluene	ND		1.0	0.51	ug/L			05/21/20 20:41	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/21/20 20:41	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/21/20 20:41	1
Trichloroethene	ND		1.0	0.46	ug/L			05/21/20 20:41	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/21/20 20:41	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/21/20 20:41	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/21/20 20:41	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170165-1

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

Lab Sample ID: MB 480-532911/8

Matrix: Water

Analysis Batch: 532911

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93		80 - 120		05/21/20 20:41	1
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		05/21/20 20:41	1
4-Bromofluorobenzene (Surr)	91		73 - 120		05/21/20 20:41	1
Dibromofluoromethane (Surr)	96		75 - 123		05/21/20 20:41	1

Lab Sample ID: LCS 480-532911/6

Matrix: Water

Analysis Batch: 532911

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	23.5		ug/L		94	76 - 120
1,1,2-Trichloroethane	25.0	24.2		ug/L		97	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	28.1		ug/L		112	61 - 148
1,1-Dichloroethane	25.0	25.2		ug/L		101	77 - 120
1,1-Dichloroethene	25.0	25.9		ug/L		104	66 - 127
1,2,4-Trichlorobenzene	25.0	25.3		ug/L		101	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	21.6		ug/L		86	56 - 134
1,2-Dichlorobenzene	25.0	25.2		ug/L		101	80 - 124
1,2-Dichloroethane	25.0	25.3		ug/L		101	75 - 120
1,2-Dichloropropane	25.0	25.3		ug/L		101	76 - 120
1,3-Dichlorobenzene	25.0	24.5		ug/L		98	77 - 120
1,4-Dichlorobenzene	25.0	24.5		ug/L		98	80 - 120
2-Butanone (MEK)	125	126		ug/L		101	57 - 140
2-Hexanone	125	119		ug/L		95	65 - 127
4-Methyl-2-pentanone (MIBK)	125	123		ug/L		98	71 - 125
Acetone	125	129		ug/L		104	56 - 142
Benzene	25.0	25.0		ug/L		100	71 - 124
Bromodichloromethane	25.0	24.7		ug/L		99	80 - 122
Bromoform	25.0	23.2		ug/L		93	61 - 132
Bromomethane	25.0	25.6		ug/L		102	55 - 144
Carbon disulfide	25.0	24.9		ug/L		100	59 - 134
Carbon tetrachloride	25.0	23.5		ug/L		94	72 - 134
Chlorobenzene	25.0	25.3		ug/L		101	80 - 120
Dibromochloromethane	25.0	23.8		ug/L		95	75 - 125
Chloroethane	25.0	25.8		ug/L		103	69 - 136
Chloroform	25.0	23.8		ug/L		95	73 - 127
Chloromethane	25.0	24.1		ug/L		97	68 - 124
cis-1,2-Dichloroethene	25.0	24.6		ug/L		98	74 - 124
cis-1,3-Dichloropropene	25.0	24.8		ug/L		99	74 - 124
Cyclohexane	25.0	25.8		ug/L		103	59 - 135
Dichlorodifluoromethane	25.0	25.7		ug/L		103	59 - 135
Ethylbenzene	25.0	24.8		ug/L		99	77 - 123
1,2-Dibromoethane	25.0	23.9		ug/L		95	77 - 120
Isopropylbenzene	25.0	25.5		ug/L		102	77 - 122
Methyl acetate	50.0	51.7		ug/L		103	74 - 133
Methyl tert-butyl ether	25.0	24.6		ug/L		98	77 - 120
Methylcyclohexane	25.0	26.0		ug/L		104	68 - 134

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170165-1

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

Lab Sample ID: LCS 480-532911/6

Matrix: Water

Analysis Batch: 532911

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	25.0	25.1		ug/L		100	75 - 124
Styrene	25.0	24.8		ug/L		99	80 - 120
Tetrachloroethene	25.0	25.8		ug/L		103	74 - 122
Toluene	25.0	24.7		ug/L		99	80 - 122
trans-1,2-Dichloroethene	25.0	24.3		ug/L		97	73 - 127
trans-1,3-Dichloropropene	25.0	24.6		ug/L		98	80 - 120
Trichloroethene	25.0	25.4		ug/L		101	74 - 123
Trichlorofluoromethane	25.0	25.6		ug/L		102	62 - 150
Vinyl chloride	25.0	25.2		ug/L		101	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	95		80 - 120
1,2-Dichloroethane-d4 (Surr)	96		77 - 120
4-Bromofluorobenzene (Surr)	94		73 - 120
Dibromofluoromethane (Surr)	97		75 - 123

Lab Sample ID: MB 480-533282/7

Matrix: Water

Analysis Batch: 533282

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			05/26/20 09:44	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/26/20 09:44	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/26/20 09:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/26/20 09:44	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/26/20 09:44	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/26/20 09:44	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/26/20 09:44	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/26/20 09:44	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/26/20 09:44	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/26/20 09:44	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/26/20 09:44	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/26/20 09:44	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/26/20 09:44	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/26/20 09:44	1
2-Hexanone	ND		5.0	1.2	ug/L			05/26/20 09:44	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/26/20 09:44	1
Acetone	ND		10	3.0	ug/L			05/26/20 09:44	1
Benzene	ND		1.0	0.41	ug/L			05/26/20 09:44	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/26/20 09:44	1
Bromoform	ND		1.0	0.26	ug/L			05/26/20 09:44	1
Bromomethane	ND		1.0	0.69	ug/L			05/26/20 09:44	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/26/20 09:44	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/26/20 09:44	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/26/20 09:44	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/26/20 09:44	1
Chloroethane	ND		1.0	0.32	ug/L			05/26/20 09:44	1
Chloroform	ND		1.0	0.34	ug/L			05/26/20 09:44	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170165-1

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

Lab Sample ID: MB 480-533282/7

Matrix: Water

Analysis Batch: 533282

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.35	ug/L			05/26/20 09:44	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/26/20 09:44	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/26/20 09:44	1
Cyclohexane	ND		1.0	0.18	ug/L			05/26/20 09:44	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/26/20 09:44	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/26/20 09:44	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/26/20 09:44	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/26/20 09:44	1
Methyl acetate	ND		2.5	1.3	ug/L			05/26/20 09:44	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/26/20 09:44	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/26/20 09:44	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/26/20 09:44	1
Styrene	ND		1.0	0.73	ug/L			05/26/20 09:44	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/26/20 09:44	1
Toluene	ND		1.0	0.51	ug/L			05/26/20 09:44	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/26/20 09:44	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/26/20 09:44	1
Trichloroethene	ND		1.0	0.46	ug/L			05/26/20 09:44	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/26/20 09:44	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/26/20 09:44	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/26/20 09:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		80 - 120		05/26/20 09:44	1
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		05/26/20 09:44	1
4-Bromofluorobenzene (Surr)	90		73 - 120		05/26/20 09:44	1
Dibromofluoromethane (Surr)	94		75 - 123		05/26/20 09:44	1

Lab Sample ID: LCS 480-533282/5

Matrix: Water

Analysis Batch: 533282

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	23.1		ug/L		92	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.7		ug/L		99	76 - 120
1,1,2-Trichloroethane	25.0	24.9		ug/L		99	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.9		ug/L		92	61 - 148
1,1-Dichloroethane	25.0	22.9		ug/L		91	77 - 120
1,1-Dichloroethene	25.0	21.5		ug/L		86	66 - 127
1,2,4-Trichlorobenzene	25.0	23.8		ug/L		95	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.7		ug/L		95	56 - 134
1,2-Dichlorobenzene	25.0	23.9		ug/L		96	80 - 124
1,2-Dichloroethane	25.0	24.0		ug/L		96	75 - 120
1,2-Dichloropropane	25.0	25.5		ug/L		102	76 - 120
1,3-Dichlorobenzene	25.0	23.8		ug/L		95	77 - 120
1,4-Dichlorobenzene	25.0	23.4		ug/L		93	80 - 120
2-Butanone (MEK)	125	123		ug/L		99	57 - 140
2-Hexanone	125	112		ug/L		89	65 - 127

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170165-1

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

Lab Sample ID: LCS 480-533282/5

Matrix: Water

Analysis Batch: 533282

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Methyl-2-pentanone (MIBK)	125	117		ug/L		93	71 - 125
Acetone	125	177		ug/L		142	56 - 142
Benzene	25.0	23.7		ug/L		95	71 - 124
Bromodichloromethane	25.0	25.1		ug/L		100	80 - 122
Bromoform	25.0	24.6		ug/L		99	61 - 132
Bromomethane	25.0	22.8		ug/L		91	55 - 144
Carbon disulfide	25.0	22.2		ug/L		89	59 - 134
Carbon tetrachloride	25.0	23.1		ug/L		92	72 - 134
Chlorobenzene	25.0	23.4		ug/L		93	80 - 120
Dibromochloromethane	25.0	26.3		ug/L		105	75 - 125
Chloroethane	25.0	23.1		ug/L		92	69 - 136
Chloroform	25.0	22.9		ug/L		92	73 - 127
Chloromethane	25.0	23.4		ug/L		94	68 - 124
cis-1,2-Dichloroethene	25.0	23.0		ug/L		92	74 - 124
cis-1,3-Dichloropropene	25.0	27.0		ug/L		108	74 - 124
Cyclohexane	25.0	22.7		ug/L		91	59 - 135
Dichlorodifluoromethane	25.0	23.7		ug/L		95	59 - 135
Ethylbenzene	25.0	23.0		ug/L		92	77 - 123
1,2-Dibromoethane	25.0	24.5		ug/L		98	77 - 120
Isopropylbenzene	25.0	25.1		ug/L		100	77 - 122
Methyl acetate	50.0	54.9		ug/L		110	74 - 133
Methyl tert-butyl ether	25.0	25.8		ug/L		103	77 - 120
Methylcyclohexane	25.0	22.8		ug/L		91	68 - 134
Methylene Chloride	25.0	23.3		ug/L		93	75 - 124
Styrene	25.0	23.6		ug/L		94	80 - 120
Tetrachloroethene	25.0	23.4		ug/L		94	74 - 122
Toluene	25.0	24.0		ug/L		96	80 - 122
trans-1,2-Dichloroethene	25.0	21.5		ug/L		86	73 - 127
trans-1,3-Dichloropropene	25.0	27.5		ug/L		110	80 - 120
Trichloroethene	25.0	23.8		ug/L		95	74 - 123
Trichlorofluoromethane	25.0	23.7		ug/L		95	62 - 150
Vinyl chloride	25.0	22.7		ug/L		91	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	100		80 - 120
1,2-Dichloroethane-d4 (Surr)	103		77 - 120
4-Bromofluorobenzene (Surr)	93		73 - 120
Dibromofluoromethane (Surr)	98		75 - 123

QC Association Summary

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170165-1

GC/MS VOA

Analysis Batch: 532911

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-170165-6	Trip Blank	Total/NA	Water	8260C	
MB 480-532911/8	Method Blank	Total/NA	Water	8260C	
LCS 480-532911/6	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 533282

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-170165-1	PW-4	Total/NA	Water	8260C	
480-170165-2	PW-5	Total/NA	Water	8260C	
480-170165-3	PW-6	Total/NA	Water	8260C	
480-170165-4	PW-7	Total/NA	Water	8260C	
480-170165-5	PW-8	Total/NA	Water	8260C	
MB 480-533282/7	Method Blank	Total/NA	Water	8260C	
LCS 480-533282/5	Lab Control Sample	Total/NA	Water	8260C	

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170165-1

Client Sample ID: PW-4

Lab Sample ID: 480-170165-1

Date Collected: 05/19/20 08:50

Matrix: Water

Date Received: 05/19/20 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		40	533282	05/26/20 11:14	CRL	TAL BUF

Client Sample ID: PW-5

Lab Sample ID: 480-170165-2

Date Collected: 05/19/20 09:15

Matrix: Water

Date Received: 05/19/20 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		50	533282	05/26/20 11:39	CRL	TAL BUF

Client Sample ID: PW-6

Lab Sample ID: 480-170165-3

Date Collected: 05/19/20 09:25

Matrix: Water

Date Received: 05/19/20 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		80	533282	05/26/20 12:03	CRL	TAL BUF

Client Sample ID: PW-7

Lab Sample ID: 480-170165-4

Date Collected: 05/19/20 09:35

Matrix: Water

Date Received: 05/19/20 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		80	533282	05/26/20 12:28	CRL	TAL BUF

Client Sample ID: PW-8

Lab Sample ID: 480-170165-5

Date Collected: 05/19/20 09:45

Matrix: Water

Date Received: 05/19/20 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	533282	05/26/20 12:53	CRL	TAL BUF

Client Sample ID: Trip Blank

Lab Sample ID: 480-170165-6

Date Collected: 05/19/20 08:30

Matrix: Water

Date Received: 05/19/20 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	532911	05/22/20 00:44	CRL	TAL BUF

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170165-1

Laboratory: Eurofins TestAmerica, Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-02-21

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Method Summary

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170165-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF

Protocol References:

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

Sample Summary

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170165-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-170165-1	PW-4	Water	05/19/20 08:50	05/19/20 14:30	
480-170165-2	PW-5	Water	05/19/20 09:15	05/19/20 14:30	
480-170165-3	PW-6	Water	05/19/20 09:25	05/19/20 14:30	
480-170165-4	PW-7	Water	05/19/20 09:35	05/19/20 14:30	
480-170165-5	PW-8	Water	05/19/20 09:45	05/19/20 14:30	
480-170165-6	Trip Blank	Water	05/19/20 08:30	05/19/20 14:30	



Client: New York State Dept. of
Environmental Conservation

CHAIN OF CUSTODY

PAGE 1 OF 1

FED-EX Tracking #
Bottle Order Control #
Lab Quote #
Lab Job #

CLIENT/REPORTING INFORMATION		PROJECT INFORMATION		BILLING INFORMATION		REQUESTED ANALYSIS (see Test Code sheet)		LAB USE ONLY	
Groundwater & Environmental Services, Inc. 415 Lawrence Bell Drive, Williamsville, NY 14221 Project Manager: Thomas Palmer Phone #: 800-287-7857 Email: NERegion@gesonline.com Fax: 866-902-2187		Project Name: NYSDEC/East Aurora/NY/MainSt/586 Project Address: 586 Main St, East Aurora, NY Project #: 901733/05/220 Sampler(s) Name: Brandon Mikolin / GES		NYSDEC NYSDEC PM: Payson Long Phone Number: (518) 402-9813 Email: payson.long@dec.ny.gov Lab PM: Orlette Johnson NYSDEC Site No.: 915157					

Lab Sample #	Field ID / Point of Collection (Sys Loc code)	Depth Interval (ft)	Date Sampled	Time Sampled	Sampler	Matrix	Total # Bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Amber
	PW-4		5-19-20	0850	B. Mikolin	Water	3	X								X
	PW-5			0915	B. Mikolin	Water	3	X								X
	PW-6			0925	B. Mikolin	Water	3	X								X
	PW-7			0935	B. Mikolin	Water	3	X								X
	PW-8			0945	B. Mikolin	Water	3	X								X
	Tr. Blank			0830	Lab Amped	Water	2	X								X



480-170165 Chain of Custody

Turnaround Time (Business Days) Approved By (Lab PM) / Date
☒ Standard 14 Days
☐ 1 day RUSH
☐ Other
Laboratory Information
Lab: TestAmerica Buffalo
Address: 15 Hazelwood Drive, Amherst, NY
Phone: 484-685-0864
Lab PM: Orlette Johnson
Lab PM Email: Orlette.Johnson@testamericainc.com

Data Deliverable Information
☐ Commercial 'A' (Level 1) = Results
☐ Commercial 'B' (Level 2) = Results
☐ FULLT1 (Level 3 & 4)
☐ NJ Reduced = Results + QC Summary + Partial Raw Data
☐ Commercial 'C'
☐ NJ Data of Known Quality Protocol Reporting
☐ NYASP Category A
☐ NYASP Category B
☐ State Forms
☒ NYDEC EDD
☒ EQEDD

Please Email the EQ EDD Package to ges@equisonline.com
EQEDD Name: NYSDEC/East Aurora/NY/MainSt/586

Sample Custody must be documented below each time samples change possession, including courier.	
Relinquished By Sampler: 1. B. Mikolin / GES	Date / Time: 5/19/20 1430
Relinquished By:	Date / Time:
Relinquished By:	Date / Time:
Custody Seal Number:	Preserved where applicable ☐ Intact ☐ Not Intact Cooler Temp 5.2 # ICE



Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-170165-1

Login Number: 170165

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Sabuda, Brendan D

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	5.2 #1 ICE
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	GES
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	True	

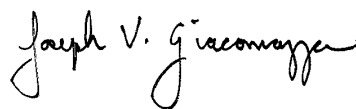
ANALYTICAL REPORT

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

Laboratory Job ID: 480-170703-1
Client Project/Site: Mr C's Site #915157

For:
New York State D.E.C.
625 Broadway
11th Floor
Albany, New York 12233-3256

Attn: Mr. Payson Long



Authorized for release by:
6/11/2020 1:26:52 PM
Joe Giacomazza, Project Management Assistant II
joe.giacomazza@testamericainc.com
Designee for
Orlette Johnson, Senior Project Manager
(484)685-0864
orlette.johnson@testamericainc.com

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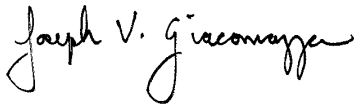
www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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
6/11/2020 1:26:52 PM

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Definitions/Glossary

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170703-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
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
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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
ML	Minimum Level (Dioxin)
MQL	Method Quantitation Limit
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)

Case Narrative

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170703-1

Job ID: 480-170703-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-170703-1

Comments

No additional comments.

Receipt

The samples were received on 6/3/2020 1:15 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.2° C.

GC/MS VOA

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-535290 recovered above the upper control limit for Vinyl chloride and Chloromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: Effluent (480-170703-1) and Trip Blank (480-170703-3).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-535290 recovered above the upper control limit for Chloromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: Influent (480-170703-2).

Method 8260C: The continuing calibration verification (CCV) analyzed in 480-535290 was outside the method criteria for the following analyte(s): Vinyl chloride. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: Effluent (480-170703-1). Elevated reporting limits (RLs) are provided.

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: Influent (480-170703-2). 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.

Metals

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

General Chemistry

Methods 9040C, SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following samples has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: Effluent (480-170703-1) and Influent (480-170703-2).

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: Mr C's Site #915157

Job ID: 480-170703-1

Client Sample ID: Effluent

Lab Sample ID: 480-170703-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	167		0.50	0.10	mg/L	1		200.7 Rev 4.4	Total/NA
Magnesium	27.7		0.20	0.043	mg/L	1		200.7 Rev 4.4	Total/NA
Hardness as calcium carbonate	531		0.50	0.10	mg/L	1		SM 2340B	Total/NA
pH	8.4	HF	0.1	0.1	SU	1		SM 4500 H+ B	Total/NA
Temperature	18.1	HF	0.001	0.001	Degrees C	1		SM 4500 H+ B	Total/NA

Client Sample ID: Influent

Lab Sample ID: 480-170703-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1700		20	16	ug/L	20		8260C	Total/NA
Methyl tert-butyl ether	8.6	J	20	3.2	ug/L	20		8260C	Total/NA
Tetrachloroethene	2000		20	7.2	ug/L	20		8260C	Total/NA
Trichloroethene	310		20	9.2	ug/L	20		8260C	Total/NA
Vinyl chloride	180		20	18	ug/L	20		8260C	Total/NA
Calcium	163		0.50	0.10	mg/L	1		200.7 Rev 4.4	Total/NA
Magnesium	26.6		0.20	0.043	mg/L	1		200.7 Rev 4.4	Total/NA
Hardness as calcium carbonate	516		0.50	0.10	mg/L	1		SM 2340B	Total/NA
pH	7.4	HF	0.1	0.1	SU	1		SM 4500 H+ B	Total/NA
Temperature	17.7	HF	0.001	0.001	Degrees C	1		SM 4500 H+ B	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 480-170703-3

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170703-1

Client Sample ID: Effluent

Lab Sample ID: 480-170703-1

Date Collected: 06/03/20 07:50

Matrix: Water

Date Received: 06/03/20 13:15

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			06/09/20 12:15	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			06/09/20 12:15	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			06/09/20 12:15	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			06/09/20 12:15	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			06/09/20 12:15	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			06/09/20 12:15	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			06/09/20 12:15	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			06/09/20 12:15	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			06/09/20 12:15	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			06/09/20 12:15	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			06/09/20 12:15	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			06/09/20 12:15	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			06/09/20 12:15	2
2-Butanone (MEK)	ND		20	2.6	ug/L			06/09/20 12:15	2
2-Hexanone	ND		10	2.5	ug/L			06/09/20 12:15	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			06/09/20 12:15	2
Acetone	ND		20	6.0	ug/L			06/09/20 12:15	2
Benzene	ND		2.0	0.82	ug/L			06/09/20 12:15	2
Bromodichloromethane	ND		2.0	0.78	ug/L			06/09/20 12:15	2
Bromoform	ND		2.0	0.52	ug/L			06/09/20 12:15	2
Bromomethane	ND		2.0	1.4	ug/L			06/09/20 12:15	2
Carbon disulfide	ND		2.0	0.38	ug/L			06/09/20 12:15	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			06/09/20 12:15	2
Chlorobenzene	ND		2.0	1.5	ug/L			06/09/20 12:15	2
Dibromochloromethane	ND		2.0	0.64	ug/L			06/09/20 12:15	2
Chloroethane	ND		2.0	0.64	ug/L			06/09/20 12:15	2
Chloroform	ND		2.0	0.68	ug/L			06/09/20 12:15	2
Chloromethane	ND		2.0	0.70	ug/L			06/09/20 12:15	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			06/09/20 12:15	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			06/09/20 12:15	2
Cyclohexane	ND		2.0	0.36	ug/L			06/09/20 12:15	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			06/09/20 12:15	2
Ethylbenzene	ND		2.0	1.5	ug/L			06/09/20 12:15	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			06/09/20 12:15	2
Isopropylbenzene	ND		2.0	1.6	ug/L			06/09/20 12:15	2
Methyl acetate	ND		5.0	2.6	ug/L			06/09/20 12:15	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			06/09/20 12:15	2
Methylcyclohexane	ND		2.0	0.32	ug/L			06/09/20 12:15	2
Methylene Chloride	ND		2.0	0.88	ug/L			06/09/20 12:15	2
Styrene	ND		2.0	1.5	ug/L			06/09/20 12:15	2
Tetrachloroethene	ND		2.0	0.72	ug/L			06/09/20 12:15	2
Toluene	ND		2.0	1.0	ug/L			06/09/20 12:15	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			06/09/20 12:15	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			06/09/20 12:15	2
Trichloroethene	ND		2.0	0.92	ug/L			06/09/20 12:15	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			06/09/20 12:15	2
Vinyl chloride	ND		2.0	1.8	ug/L			06/09/20 12:15	2
Xylenes, Total	ND		4.0	1.3	ug/L			06/09/20 12:15	2

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170703-1

Client Sample ID: Effluent

Date Collected: 06/03/20 07:50

Date Received: 06/03/20 13:15

Lab Sample ID: 480-170703-1

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	104		80 - 120		06/09/20 12:15	2
1,2-Dichloroethane-d4 (Surr)	90		77 - 120		06/09/20 12:15	2
4-Bromofluorobenzene (Surr)	103		73 - 120		06/09/20 12:15	2
Dibromofluoromethane (Surr)	98		75 - 123		06/09/20 12:15	2

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	167		0.50	0.10	mg/L		06/04/20 11:31	06/08/20 12:05	1
Magnesium	27.7		0.20	0.043	mg/L		06/04/20 11:31	06/08/20 12:05	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	531		0.50	0.10	mg/L			06/10/20 11:25	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.4	HF	0.1	0.1	SU			06/07/20 15:22	1
Temperature	18.1	HF	0.001	0.001	Degrees C			06/07/20 15:22	1

Client Sample ID: Influent

Date Collected: 06/03/20 08:15

Date Received: 06/03/20 13:15

Lab Sample ID: 480-170703-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			06/09/20 12:39	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			06/09/20 12:39	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			06/09/20 12:39	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			06/09/20 12:39	20
1,1-Dichloroethane	ND		20	7.6	ug/L			06/09/20 12:39	20
1,1-Dichloroethene	ND		20	5.8	ug/L			06/09/20 12:39	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			06/09/20 12:39	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			06/09/20 12:39	20
1,2-Dichlorobenzene	ND		20	16	ug/L			06/09/20 12:39	20
1,2-Dichloroethane	ND		20	4.2	ug/L			06/09/20 12:39	20
1,2-Dichloropropane	ND		20	14	ug/L			06/09/20 12:39	20
1,3-Dichlorobenzene	ND		20	16	ug/L			06/09/20 12:39	20
1,4-Dichlorobenzene	ND		20	17	ug/L			06/09/20 12:39	20
2-Butanone (MEK)	ND		200	26	ug/L			06/09/20 12:39	20
2-Hexanone	ND		100	25	ug/L			06/09/20 12:39	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			06/09/20 12:39	20
Acetone	ND		200	60	ug/L			06/09/20 12:39	20
Benzene	ND		20	8.2	ug/L			06/09/20 12:39	20
Bromodichloromethane	ND		20	7.8	ug/L			06/09/20 12:39	20
Bromoform	ND		20	5.2	ug/L			06/09/20 12:39	20
Bromomethane	ND		20	14	ug/L			06/09/20 12:39	20
Carbon disulfide	ND		20	3.8	ug/L			06/09/20 12:39	20
Carbon tetrachloride	ND		20	5.4	ug/L			06/09/20 12:39	20
Chlorobenzene	ND		20	15	ug/L			06/09/20 12:39	20
Dibromochloromethane	ND		20	6.4	ug/L			06/09/20 12:39	20
Chloroethane	ND		20	6.4	ug/L			06/09/20 12:39	20

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170703-1

Client Sample ID: Influent

Lab Sample ID: 480-170703-2

Date Collected: 06/03/20 08:15

Matrix: Water

Date Received: 06/03/20 13:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		20	6.8	ug/L			06/09/20 12:39	20
Chloromethane	ND		20	7.0	ug/L			06/09/20 12:39	20
cis-1,2-Dichloroethene	1700		20	16	ug/L			06/09/20 12:39	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			06/09/20 12:39	20
Cyclohexane	ND		20	3.6	ug/L			06/09/20 12:39	20
Dichlorodifluoromethane	ND		20	14	ug/L			06/09/20 12:39	20
Ethylbenzene	ND		20	15	ug/L			06/09/20 12:39	20
1,2-Dibromoethane	ND		20	15	ug/L			06/09/20 12:39	20
Isopropylbenzene	ND		20	16	ug/L			06/09/20 12:39	20
Methyl acetate	ND		50	26	ug/L			06/09/20 12:39	20
Methyl tert-butyl ether	8.6	J	20	3.2	ug/L			06/09/20 12:39	20
Methylcyclohexane	ND		20	3.2	ug/L			06/09/20 12:39	20
Methylene Chloride	ND		20	8.8	ug/L			06/09/20 12:39	20
Styrene	ND		20	15	ug/L			06/09/20 12:39	20
Tetrachloroethene	2000		20	7.2	ug/L			06/09/20 12:39	20
Toluene	ND		20	10	ug/L			06/09/20 12:39	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			06/09/20 12:39	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			06/09/20 12:39	20
Trichloroethene	310		20	9.2	ug/L			06/09/20 12:39	20
Trichlorofluoromethane	ND		20	18	ug/L			06/09/20 12:39	20
Vinyl chloride	180		20	18	ug/L			06/09/20 12:39	20
Xylenes, Total	ND		40	13	ug/L			06/09/20 12:39	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		80 - 120		06/09/20 12:39	20
1,2-Dichloroethane-d4 (Surr)	91		77 - 120		06/09/20 12:39	20
4-Bromofluorobenzene (Surr)	101		73 - 120		06/09/20 12:39	20
Dibromofluoromethane (Surr)	97		75 - 123		06/09/20 12:39	20

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	163		0.50	0.10	mg/L		06/04/20 11:31	06/08/20 12:09	1
Magnesium	26.6		0.20	0.043	mg/L		06/04/20 11:31	06/08/20 12:09	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	516		0.50	0.10	mg/L			06/10/20 11:25	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.4	HF	0.1	0.1	SU			06/07/20 15:28	1
Temperature	17.7	HF	0.001	0.001	Degrees C			06/07/20 15:28	1

Client Sample ID: Trip Blank

Lab Sample ID: 480-170703-3

Date Collected: 06/03/20 07:30

Matrix: Water

Date Received: 06/03/20 13:15

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			06/09/20 13:02	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/09/20 13:02	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170703-1

Client Sample ID: Trip Blank

Lab Sample ID: 480-170703-3

Date Collected: 06/03/20 07:30

Matrix: Water

Date Received: 06/03/20 13:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/09/20 13:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/09/20 13:02	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/09/20 13:02	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/09/20 13:02	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/09/20 13:02	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/09/20 13:02	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/09/20 13:02	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/09/20 13:02	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/09/20 13:02	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/09/20 13:02	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/09/20 13:02	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/09/20 13:02	1
2-Hexanone	ND		5.0	1.2	ug/L			06/09/20 13:02	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/09/20 13:02	1
Acetone	ND		10	3.0	ug/L			06/09/20 13:02	1
Benzene	ND		1.0	0.41	ug/L			06/09/20 13:02	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/09/20 13:02	1
Bromoform	ND		1.0	0.26	ug/L			06/09/20 13:02	1
Bromomethane	ND		1.0	0.69	ug/L			06/09/20 13:02	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/09/20 13:02	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/09/20 13:02	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/09/20 13:02	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/09/20 13:02	1
Chloroethane	ND		1.0	0.32	ug/L			06/09/20 13:02	1
Chloroform	ND		1.0	0.34	ug/L			06/09/20 13:02	1
Chloromethane	ND		1.0	0.35	ug/L			06/09/20 13:02	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/09/20 13:02	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/09/20 13:02	1
Cyclohexane	ND		1.0	0.18	ug/L			06/09/20 13:02	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/09/20 13:02	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/09/20 13:02	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/09/20 13:02	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/09/20 13:02	1
Methyl acetate	ND		2.5	1.3	ug/L			06/09/20 13:02	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/09/20 13:02	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/09/20 13:02	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/09/20 13:02	1
Styrene	ND		1.0	0.73	ug/L			06/09/20 13:02	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/09/20 13:02	1
Toluene	ND		1.0	0.51	ug/L			06/09/20 13:02	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/09/20 13:02	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/09/20 13:02	1
Trichloroethene	ND		1.0	0.46	ug/L			06/09/20 13:02	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/09/20 13:02	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/09/20 13:02	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/09/20 13:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		80 - 120		06/09/20 13:02	1
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		06/09/20 13:02	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170703-1

Client Sample ID: Trip Blank

Lab Sample ID: 480-170703-3

Date Collected: 06/03/20 07:30

Matrix: Water

Date Received: 06/03/20 13:15

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

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
4-Bromofluorobenzene (Surr)	103		73 - 120		06/09/20 13:02	1
Dibromofluoromethane (Surr)	101		75 - 123		06/09/20 13:02	1

Surrogate Summary

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170703-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TOL (80-120)	DCA (77-120)	BFB (73-120)	DBFM (75-123)
480-170703-1	Effluent	104	90	103	98
480-170703-2	Influent	99	91	101	97
480-170703-3	Trip Blank	99	99	103	101
LCS 480-535290/5	Lab Control Sample	106	98	111	106
MB 480-535290/8	Method Blank	103	96	100	104

Surrogate Legend

TOL = Toluene-d8 (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170703-1

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

Lab Sample ID: MB 480-535290/8

Matrix: Water

Analysis Batch: 535290

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			06/09/20 09:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/09/20 09:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/09/20 09:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/09/20 09:17	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/09/20 09:17	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/09/20 09:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/09/20 09:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/09/20 09:17	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/09/20 09:17	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/09/20 09:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/09/20 09:17	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/09/20 09:17	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/09/20 09:17	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/09/20 09:17	1
2-Hexanone	ND		5.0	1.2	ug/L			06/09/20 09:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/09/20 09:17	1
Acetone	ND		10	3.0	ug/L			06/09/20 09:17	1
Benzene	ND		1.0	0.41	ug/L			06/09/20 09:17	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/09/20 09:17	1
Bromoform	ND		1.0	0.26	ug/L			06/09/20 09:17	1
Bromomethane	ND		1.0	0.69	ug/L			06/09/20 09:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/09/20 09:17	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/09/20 09:17	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/09/20 09:17	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/09/20 09:17	1
Chloroethane	ND		1.0	0.32	ug/L			06/09/20 09:17	1
Chloroform	ND		1.0	0.34	ug/L			06/09/20 09:17	1
Chloromethane	ND		1.0	0.35	ug/L			06/09/20 09:17	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/09/20 09:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/09/20 09:17	1
Cyclohexane	ND		1.0	0.18	ug/L			06/09/20 09:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/09/20 09:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/09/20 09:17	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/09/20 09:17	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/09/20 09:17	1
Methyl acetate	ND		2.5	1.3	ug/L			06/09/20 09:17	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/09/20 09:17	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/09/20 09:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/09/20 09:17	1
Styrene	ND		1.0	0.73	ug/L			06/09/20 09:17	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/09/20 09:17	1
Toluene	ND		1.0	0.51	ug/L			06/09/20 09:17	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/09/20 09:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/09/20 09:17	1
Trichloroethene	ND		1.0	0.46	ug/L			06/09/20 09:17	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/09/20 09:17	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/09/20 09:17	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/09/20 09:17	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170703-1

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

Lab Sample ID: MB 480-535290/8

Matrix: Water

Analysis Batch: 535290

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	103		80 - 120		06/09/20 09:17	1
1,2-Dichloroethane-d4 (Surr)	96		77 - 120		06/09/20 09:17	1
4-Bromofluorobenzene (Surr)	100		73 - 120		06/09/20 09:17	1
Dibromofluoromethane (Surr)	104		75 - 123		06/09/20 09:17	1

Lab Sample ID: LCS 480-535290/5

Matrix: Water

Analysis Batch: 535290

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	23.7		ug/L		95	73 - 126
1,1,2,2-Tetrachloroethane	25.0	21.7		ug/L		87	76 - 120
1,1,2-Trichloroethane	25.0	24.5		ug/L		98	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.9		ug/L		107	61 - 148
1,1-Dichloroethane	25.0	25.2		ug/L		101	77 - 120
1,1-Dichloroethene	25.0	27.1		ug/L		108	66 - 127
1,2,4-Trichlorobenzene	25.0	25.7		ug/L		103	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	20.4		ug/L		81	56 - 134
1,2-Dichlorobenzene	25.0	23.7		ug/L		95	80 - 124
1,2-Dichloroethane	25.0	21.0		ug/L		84	75 - 120
1,2-Dichloropropane	25.0	25.9		ug/L		104	76 - 120
1,3-Dichlorobenzene	25.0	24.7		ug/L		99	77 - 120
1,4-Dichlorobenzene	25.0	23.2		ug/L		93	80 - 120
2-Butanone (MEK)	125	124		ug/L		99	57 - 140
2-Hexanone	125	121		ug/L		96	65 - 127
4-Methyl-2-pentanone (MIBK)	125	127		ug/L		102	71 - 125
Acetone	125	109		ug/L		88	56 - 142
Benzene	25.0	25.8		ug/L		103	71 - 124
Bromodichloromethane	25.0	23.3		ug/L		93	80 - 122
Bromoform	25.0	27.6		ug/L		110	61 - 132
Bromomethane	25.0	23.6		ug/L		94	55 - 144
Carbon disulfide	25.0	27.4		ug/L		110	59 - 134
Carbon tetrachloride	25.0	23.6		ug/L		94	72 - 134
Chlorobenzene	25.0	25.8		ug/L		103	80 - 120
Dibromochloromethane	25.0	25.7		ug/L		103	75 - 125
Chloroethane	25.0	25.2		ug/L		101	69 - 136
Chloroform	25.0	24.0		ug/L		96	73 - 127
Chloromethane	25.0	30.5		ug/L		122	68 - 124
cis-1,2-Dichloroethene	25.0	26.9		ug/L		108	74 - 124
cis-1,3-Dichloropropene	25.0	26.0		ug/L		104	74 - 124
Cyclohexane	25.0	26.9		ug/L		108	59 - 135
Dichlorodifluoromethane	25.0	29.4		ug/L		118	59 - 135
Ethylbenzene	25.0	25.4		ug/L		102	77 - 123
1,2-Dibromoethane	25.0	25.6		ug/L		102	77 - 120
Isopropylbenzene	25.0	23.9		ug/L		95	77 - 122
Methyl acetate	50.0	47.8		ug/L		96	74 - 133
Methyl tert-butyl ether	25.0	25.7		ug/L		103	77 - 120
Methylcyclohexane	25.0	26.1		ug/L		104	68 - 134

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170703-1

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

Lab Sample ID: LCS 480-535290/5

Matrix: Water

Analysis Batch: 535290

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	25.0	26.5		ug/L		106	75 - 124
Styrene	25.0	27.3		ug/L		109	80 - 120
Tetrachloroethene	25.0	26.7		ug/L		107	74 - 122
Toluene	25.0	26.8		ug/L		107	80 - 122
trans-1,2-Dichloroethene	25.0	26.9		ug/L		108	73 - 127
trans-1,3-Dichloropropene	25.0	24.4		ug/L		98	80 - 120
Trichloroethene	25.0	24.8		ug/L		99	74 - 123
Trichlorofluoromethane	25.0	25.4		ug/L		102	62 - 150
Vinyl chloride	25.0	29.2		ug/L		117	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	106		80 - 120
1,2-Dichloroethane-d4 (Surr)	98		77 - 120
4-Bromofluorobenzene (Surr)	111		73 - 120
Dibromofluoromethane (Surr)	106		75 - 123

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-534726/1-A

Matrix: Water

Analysis Batch: 534957

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 534726

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	ND		0.50	0.10	mg/L		06/04/20 11:31	06/04/20 21:51	1
Magnesium	ND		0.20	0.043	mg/L		06/04/20 11:31	06/04/20 21:51	1

Lab Sample ID: LCS 480-534726/2-A

Matrix: Water

Analysis Batch: 534957

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 534726

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	10.0	9.89		mg/L		99	85 - 115
Magnesium	10.0	9.97		mg/L		100	85 - 115

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-535201/23

Matrix: Water

Analysis Batch: 535201

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.0		SU		100	99 - 101

Lab Sample ID: 480-170703-1 DU

Matrix: Water

Analysis Batch: 535201

Client Sample ID: Effluent

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	8.4	HF	8.5		SU		2	5
Temperature	18.1	HF	18.1		Degrees C		0.1	10

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170703-1

GC/MS VOA

Analysis Batch: 535290

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-170703-1	Effluent	Total/NA	Water	8260C	
480-170703-2	Influent	Total/NA	Water	8260C	
480-170703-3	Trip Blank	Total/NA	Water	8260C	
MB 480-535290/8	Method Blank	Total/NA	Water	8260C	
LCS 480-535290/5	Lab Control Sample	Total/NA	Water	8260C	

Metals

Prep Batch: 534726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-170703-1	Effluent	Total/NA	Water	200.7	
480-170703-2	Influent	Total/NA	Water	200.7	
MB 480-534726/1-A	Method Blank	Total/NA	Water	200.7	
LCS 480-534726/2-A	Lab Control Sample	Total/NA	Water	200.7	

Analysis Batch: 534957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-534726/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	534726
LCS 480-534726/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	534726

Analysis Batch: 535299

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-170703-1	Effluent	Total/NA	Water	200.7 Rev 4.4	534726
480-170703-2	Influent	Total/NA	Water	200.7 Rev 4.4	534726

Analysis Batch: 535572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-170703-1	Effluent	Total/NA	Water	SM 2340B	
480-170703-2	Influent	Total/NA	Water	SM 2340B	

General Chemistry

Analysis Batch: 535201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-170703-1	Effluent	Total/NA	Water	SM 4500 H+ B	
480-170703-2	Influent	Total/NA	Water	SM 4500 H+ B	
LCS 480-535201/23	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	
480-170703-1 DU	Effluent	Total/NA	Water	SM 4500 H+ B	

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170703-1

Client Sample ID: Effluent

Date Collected: 06/03/20 07:50

Date Received: 06/03/20 13:15

Lab Sample ID: 480-170703-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	535290	06/09/20 12:15	AMM	TAL BUF
Total/NA	Prep	200.7			534726	06/04/20 11:31	NSW	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	535299	06/08/20 12:05	LMH	TAL BUF
Total/NA	Analysis	SM 2340B		1	535572	06/10/20 11:25	JJP	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	535201	06/07/20 15:22	BEF	TAL BUF

Client Sample ID: Influent

Date Collected: 06/03/20 08:15

Date Received: 06/03/20 13:15

Lab Sample ID: 480-170703-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	535290	06/09/20 12:39	AMM	TAL BUF
Total/NA	Prep	200.7			534726	06/04/20 11:31	NSW	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	535299	06/08/20 12:09	LMH	TAL BUF
Total/NA	Analysis	SM 2340B		1	535572	06/10/20 11:25	JJP	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	535201	06/07/20 15:28	BEF	TAL BUF

Client Sample ID: Trip Blank

Date Collected: 06/03/20 07:30

Date Received: 06/03/20 13:15

Lab Sample ID: 480-170703-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	535290	06/09/20 13:02	AMM	TAL BUF

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170703-1

Laboratory: Eurofins TestAmerica, Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-02-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 4500 H+ B		Water	pH
SM 4500 H+ B		Water	Temperature

Method Summary

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170703-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
200.7 Rev 4.4	Metals (ICP)	EPA	TAL BUF
SM 2340B	Total Hardness (as CaCO3) by calculation	SM	TAL BUF
SM 4500 H+ B	pH	SM	TAL BUF
200.7	Preparation, Total Metals	EPA	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

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

Sample Summary

Client: New York State D.E.C.
Project/Site: Mr C's Site #915157

Job ID: 480-170703-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-170703-1	Effluent	Water	06/03/20 07:50	06/03/20 13:15	
480-170703-2	Influent	Water	06/03/20 08:15	06/03/20 13:15	
480-170703-3	Trip Blank	Water	06/03/20 07:30	06/03/20 13:15	



CHAIN OF CUSTODY

Client: New York State Dept. of
Environmental Conservation

PAGE 1 OF 1

CLIENT/REPORTING INFORMATION Groundwater & Environmental Services, Inc. 415 Lawrence Bell Drive, Williamsville, NY 14221 Project Manager: Thomas Palmer Email: NERegion@gesonline.com Phone #: 800-287-7857 fax 866-902-2187				PROJECT INFORMATION Project Name: NYSDEC/East Aurora/NY/MainSt/586 Project Address: 586 Main St, East Aurora, NY Project #: 901733/05/220 Sampler(s) Name:				BILLING INFORMATION NYSDEC NYSDEC PM: Payson Long Phone Number: (518) 402-9813 Email: payson.long@dec.ny.gov Lab PM: Orlette Johnson NYSDEC Site No.: 915157				REQUESTED ANALYSIS (see Test Code sheet)				LAB USE ONLY				
Lab Sample #	Field ID / Point of Collection (Sys Loc Code)	Depth Interval (ft)	Date Sampled	Time Sampled	Sampler	Matrix	Total # Bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Amber	VOCs via 8260C	Hardness 2340B	Metals 200.7	pH via 4500
	Effluent		6-3-2020	0750	B.M. Kalin	Water	5	3	1	1	1	1					X	X	X	X
	Influent		↓	0815	↓	Water	5	3	1	1	1	1					X	X	X	X
	Trip Blanks - Lab Prepared		↓	0730	↓	Water	2													



480-170703 Chain of Custody

Data Deliverable Informatic

- ☐ Commercial 'A' (Level 1) = Results Only
- ☐ Commercial 'B' (Level 2) = Results + QC Summary
- ☐ FULLT1 (Level 3 & 4)
- ☐ NJ Reduced = Results + QC Summary + Partial Raw Data
- ☐ Commercial 'C'
- ☐ NJ Data of Known Quality Protocol Reporting
- ☐ NYASP Category A
- ☐ NYASP Category B
- ☐ State Forms
- ☒ NYDEC EDD
- ☒ EQEDD

Laboratory Information

Lab: TestAmerica Buffalo
 Address: 15 Hazelwood Drive, Amherst, NY
 Phone: 484-685-0864
 Lab PM: Orlette Johnson
 Lab PM Email: Orlette.Johnson@testamericainc.com

Please Email the EQ EDD Package to ges@equisonline.com

EQEDD Name: NYSDEC/East Aurora/NY/MainSt/586

Sample Custody must be documented below each time samples change possession, including courier.			
Relinquished By Sampler:	Date / Time:	Received By:	Date / Time:
1 Brandon M. Kalin to EDD	6/3/2020 1315	Orlette Johnson	6/3/2020 1315
Relinquished By:	Date / Time:	Received By:	Date / Time:
2			
Relinquished By:	Date / Time:	Received By:	Date / Time:
3			
Custody Seal Number:	Intact	Preserved where applicable	Cooler Temp
	☒ Not Intact	☒ On Ice	3.2

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-170703-1

Login Number: 170703

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Sabuda, Brendan D

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	3.2 #1 ICE
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	GES
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	



Attachment B – Field OM&M Forms

5/6/2020 B. Mikolaj onsite for ER call from neighboring business. 52°/ Cloudy

Onsite @ 1230. Review HASP / JLAS / Covid-19 Plan.

Talk to ladies at the quilt shop nextdoor - they heard a "rattle" this morning and a few other times.

I trouble shoot the issue to be a loose heater bracket / bad heater motor on the gas fired heater. For the time being we lower the heat to 50° and will service before the fall heating season.

Inform the quilt shop of the issue and they were thankful.

Cleanup and leave site.

Burn

NYSDEC - Mr.C's- 586 Main St. East Aurora, NY

Brandon Mikolin

GES

Date: 5-13-2020

Temperature: 32° / sunny

System Status (Arrival):

☒ Up ☐ Down

System Status (Departure):

☒ Up ☐ Down

Notes: Appears Normal

Notes: Appears Normal

System Components			
Redux 380 Drum Level (In)	16.25	Feed Rate (ml/min)	—
Remaing Agent (x1.7)	27.63	Pump Pressure (psi)	—
Influent Pump in Use	#1: Yes	#2: No	
Air Stripper Influent Pump Pressure	5	—	
Air Stripper Blower in Use :	#1: Yes	#2: No	
Air Stripper Pressure (in H ₂ O)	0.7		
Air Stripper Differential Pressure (in H ₂ O)		—	
Discharge Pressure (in H ₂ O)	3.5	—	
Effluent Pump In Use :	#1: Yes	#2: No	
Effluent Pump Pressure (psi)	5		
Effluent Flow Rate (GPM)	80		
Effluent Totalizer (gal)	86,376,294		
Building Heaters in Use	Yes		
Inside Temperature (F)	63°		
Sump Pump In Use	Yes		
Sump Water Level	1/2 Full		

Sampling			
Samples Collected	Yes	☒ No	
Air Stripper Effluent	Time :	pH	Turbidity
Air Stripper Influent	Time :	pH	Turbidity

General Site Conditions		
Evidence of Well Tampering :	Yes	☒ No
Manhole Inspection :	☒ Yes	No
Electrical Box Inspection :	Yes	☒ No
Water in Electrical Boxes :	Yes	☒ No
Building Condition Inspected :	☒ Yes	No

Well Pumps			
Pump	Status	Level (ft)	
RW-1	OFF	14	
RW-2	↓	10	
RW-3	↓	12	
RW-4	ON	5	
RW-5	↓	6	
RW-6	↓	6	
RW-7	↓	3	
RW-8	↓	3	
Equilization Tank	ON	4	
Influent Flow Rate (GPM)	5.68		
Influent Totalizer (Gal)	19,561,502		
Last Alarm	—		
Bag Filters (psi)			
#1 In	0	#2 In	8
#1 Out	0	#2 Out	0
Air Stripper Bubblers (SCFM)			
#1	7.0	#2	3.0

Subslab System Readings	
East Riser (ft/min)	640
West Riser(ft/min)	1041
Manometer Reading	1.2

Remarks and Describe any other system O&M or tasks performed while onsite :

Replan old buckets.
Clean up 2 Sweep system buildings. Remove trash.

5-13-2020 B. Mikolaj onsite for weekly O&M and quarterly pumping well sampling 32° / Sunny / Clear

Onsite @ 0715. Review HASP / JLA's / COVID-19 response plan

System is up and running. Appears normal - no leaks or deficiencies.

Totalizers: Influent 19,561,502 Effluent 86,376,294 Redux $(16.25'')(1.7) = 27.63$

5/4 Valves $\Rightarrow$ 19,513,231 86,344,484 $(24.4'')(1.7) = 41.48$ gal

Pumped / Used $\Rightarrow$ 48,271 gal 31,810 gal 13.85 gal

Check PW-4 and PW-5. I will need to push quarterly sampling to next week because a 2" bailer will not fit past the pitless adaptor. I will bring micro 1" bailers next week to collect the quarterly sample(s).

Continue weekly O&M activities. Clean back side of stripper and under effluent pumps. Lots of rust & scale on the floor. Replace old buckets w/ new 5-gallon buckets for general site use.

Take out trash / clean up.

Talk to Quilt shop next door about gas meter location & date I can access it to take reading, 6/15 - 6/17?

NYSDEC - Mr.C's- 586 Main St. East Aurora, NY

Brandon Mikolai

GES

Date: 5-19-2020

Temperature: 63° Mostly Cloud

System Status (Arrival): Up Down

System Status (Departure): Up Down

Notes: Appears Normal

Notes: Normal

System Components			
Redux 380 Drum Level (In)	7.75	Feed Rate (ml/min)	—
Remaing Agent (x1.7)	13.18	Pump Pressure (psi)	—
Influent Pump in Use	#1: Yes	#2: No	
Air Stripper Influent Pump Pressure	5		
Air Stripper Blower in Use :	#1: Yes	#2: No	
Air Stripper Pressure (in H ₂ O)	0.6		
Air Stripper Differential Pressure (in H ₂ O)			—
Discharge Pressure (in H ₂ O)	3		—
Effluent Pump In Use :	#1: Yes	#2: No	
Effluent Pump Pressure (psi)	6		
Effluent Flow Rate (GPM)	80		
Effluent Totalizer (gal)	86,398,362		
Building Heaters in Use	No - Warmer Outside		
Inside Temperature (F)	75°		
Sump Pump In Use	Yes		
Sump Water Level	1/2 Full		

Well Pumps			
Pump		Status	Level (ft)
RW-1		OFF	14
RW-2		↓	11
RW-3		↓	12
RW-4		ON	7
RW-5		↓	5
RW-6		↓	6
RW-7		↓	4
RW-8		↓	3
Equilization Tank		Auto	4
Influent Flow Rate (GPM)		15.10	
Influent Totalizer (Gal)		19,594,105	
Last Alarm		—	
Bag Filters (psi)			
#1 In	0	#2 In	8
#1 Out	0	#2 Out	0
Air Stripper Bubblers (SCFM)			
#1	7.0	#2	3.5

Sampling			
Samples Collected	Yes	No	
Air Stripper Effluent	Time :	pH	Turbidity
Air Stripper Influent	Time :	pH	Turbidity

Temp.	Sp.Cond.
Temp.	Sp.Cond.

General Site Conditions		
Evidence of Well Tampering :	Yes	No
Manhole Inspection :	Yes	No
Electrical Box Inspection :	Yes	No
Water in Electrical Boxes :	Yes	No
Building Condition Inspected :	Yes	No

Subslab System Readings	
East Riser (ft/min)	260
West Riser(ft/min)	1290
Manometer Reading	1.3

Remarks and Describe any other system O&M or tasks performed while onsite :

Pumped water out of bag filter drums to system.

Sampled PW-4, PW-5, PW-6, PW-7, PW-8 for VOC's (Quarterly Samples)

Installed new DEC sign on Front door.

5/19/2020 B. Mikolin onsite for weekly O&M / Quarterly Sampling
57° / Cloudy / E 11 mph

Sign in and review H&S policies. Picked up new site sign today per DEC request. System is up and appears to be running normally. * Train derailed overnight. No immediate threat is present, *
Prepare to sample pumping wells with micro bailers.

Well ID	DTW(ft)	Sample Time
PW-4	18.30	0850
PW-5	16.10	0915
PW-6	17.10	0925
PW-7	18.00	0935
PW-8	18.30	0945

Quarterly Sampling Conducted

Collected (3) VOA's Rep Well for 8260 C
Voc's

Totalizers: Influent 19,594,105 Effluent 86,398,362 Redux $7.75^{11}(1.7) = 13.18$
5/13 Valves $\Rightarrow$ 19,561,502 86,376,294 $16.25^{11}(1.7) = 27.63 \text{ gal}$

Pumped/USED $\Rightarrow$ 32,603 gal 22,068 gal 14.45 gal

Make a batch of redux solution. Made 39 gallons of 1 Redux : 2 Water solution for system usage. New Total is 52 gallons of Redux Solution.

Pumped decanted water from bag filter drums back to the system.

Cleanup and leave site.

NYSDEC - Mr.C's- 586 Main St. East Aurora, NY

Brandon Mikolin

6ES

Date:

5-27-20

Temperature: 80° / Sunny

System Status (Arrival):

☒ Up ☐ Down

System Status (Departure):

☒ Up ☐ Down

Notes:

Air Stripper Lo Pressure Upon Arrival

Notes:

System Components			
Redux 380 Drum Level (In)	20.75	Feed Rate (ml/min)	—
Remaing Agent (x1.7)	35.28	Pump Pressure (psi)	—
Influent Pump in Use	#1: Yes	#2: No	
Air Stripper Influent Pump Pressure	8		—
Air Stripper Blower in Use :	#1: Yes	#2: No	
Air Stripper Pressure (in H ₂ O)	0.7		
Air Stripper Differential Pressure (in H ₂ O)			—
Discharge Pressure (in H ₂ O)	3		—
Effluent Pump In Use :	#1: Yes	#2: No	
Effluent Pump Pressure (psi)	6		
Effluent Flow Rate (GPM)	80		
Effluent Totalizer (gal)	86,418,485		
Building Heaters in Use	No		
Inside Temperature (F)	88°		
Sump Pump In Use	Yes		
Sump Water Level	1/2 Full		

Well Pumps		
Pump	Status	Level (ft)
RW-1	OFF	14
RW-2	↓	11
RW-3	↓	12
RW-4	ON	4
RW-5	↓	4
RW-6	↓	4
RW-7	↓	3
RW-8	↓	7
Equilization Tank	Auto	3
Influent Flow Rate (GPM)	7.33	
Influent Totalizer (Gal)	19,625,004	
Last Alarm	5/25/20 Air Stripper Lo Pressure	

Bag Filters (psi)			
#1 In	0	#2 In	10
#1 Out	0	#2 Out	0

Air Stripper Bubblers (SCFM)			
#1	7.0	#2	3.5

Sampling			
Samples Collected	Yes	☒ No	
Air Stripper Effluent	Time :	pH	Turbidity Temp. Sp.Cond.
Air Stripper Influent	Time :	pH	Turbidity Temp. Sp.Cond.

General Site Conditions		
Evidence of Well Tampering :	Yes	☒ No
Manhole Inspection :	Yes	☒ No
Electrical Box Inspection :	Yes	☒ No
Water in Electrical Boxes :	Yes	☒ No
Building Condition Inspected :	☒ Yes	No

Subslab System Readings	
East Riser (ft/min)	—
West Riser(ft/min)	—
Manometer Reading	1.4

Remarks and Describe any other system O&M or tasks performed while onsite :

Installed a 2" check valve on sump pump line so the water it pumps cannot back feed thru the pump.

solution for system usage. New total is 32 gallons of Redox solution.

Pumped decanted water from bag filter drums back to the system.

Cleanup and leave site @ 1315 to Lab & Office.

5/27/2020 B. Mikolin onsite for weekly O&M visit / Install check valve.

80° Sunny & Humid SSW 8 mph Onsite @ 0800

Review HASP, JCA's and hot weather hazards. Picked up a 2" check valve for sump pump line. Ensure to drink enough water / take breaks.

System appears to be running normally. Lo pressure air stripper alarm upon arrival. I reset & monitor, all appears normal. There are several air leaks in the blower PVC (16"). We will evaluate existing PVC and possibly repair to correct this Lo Pressure alarm if it persists.

Totalizers: Influent 19,625,004 Effluent 86,418,485 Redox $(20.75") (1.7) = 35.28$

Pumped / Used => 5/19 19,594,105 86,398,362 = 52.00

30,899 gal

20,123 gal

16.72 gal

Install a 2" check valve on the sump pump effluent line to prevent the pump from having water backfeed thru it.

Put a 20# fire extinguisher in the system building for Health & Safety.

Offsite @ 1215 to office.

NYSDEC - Mr.C's- 586 Main St. East Aurora, NY

Brandon Mikdin

GES

Date:

6-3-2020

Temperature: 63° Mostly Cloudy

System Status (Arrival):

☒ Up ☐ Down

System Status (Departure):

☒ Up ☐ Down

Notes:

Notes:

System Components			
Redux 380 Drum Level (In)	11"	Feed Rate (ml/min)	—
Remaing Agent (x1.7)	18.7	Pump Pressure (psi)	—
Influent Pump in Use	#1: Yes	#2: No	
Air Stripper Influent Pump Pressure	8	—	
Air Stripper Blower in Use :	#1: Yes	#2: No	
Air Stripper Pressure (in H ₂ O)	0.7 PSI		
Air Stripper Differential Pressure (in H ₂ O)		—	
Discharge Pressure (in H ₂ O)	3	—	
Effluent Pump In Use :	#1: Yes	#2: No	
Effluent Pump Pressure (psi)	4		
Effluent Flow Rate (GPM)	80		
Effluent Totalizer (gal)	86,443, 239		
Building Heaters in Use	No		
Inside Temperature (F)	77.4°		
Sump Pump In Use	1/2 Full		
Sump Water Level	Yes 1/2 Full		

Well Pumps		
Pump	Status	Level (ft)
RW-1	OFF	14
RW-2	↓	12
RW-3	↓	12
RW-4	ON	4
RW-5	↓	4
RW-6	↓	4
RW-7	↓	7
RW-8	↓	5
Equilization Tank	Auto	3
Influent Flow Rate (GPM)	17.10	
Influent Totalizer (Gal)	19,662,673	
Last Alarm	5/25/20 ^{LO Pressure} _{Airstripper}	
Bag Filters (psi)		
#1 In	0	#2 In 8
#1 Out	0	#2 Out 0
Air Stripper Bubblers (SCFM)		
#1	7.0	#2 3.0

Sampling			
Samples Collected	☒ Yes	☐ No	
Air Stripper Effluent	Time: 0750	pH 8.71	Turbidity 5.24 Temp. 22.3° Sp.Cond. 3552 ^{mc} / _{cm}
Air Stripper Influent	Time: 0815	pH 7.25	Turbidity 3.12 Temp. 16.5° Sp.Cond. 3394 ^{mc} / _{cm}

General Site Conditions		
Evidence of Well Tampering :	Yes	☒ No
Manhole Inspection :	Yes	☒ No
Electrical Box Inspection :	Yes	☒ No
Water in Electrical Boxes :	Yes	☒ No
Building Condition Inspected :	☒ Yes	No

Subslab System Readings	
East Riser (ft/min)	452
West Riser(ft/min)	1488
Manometer Reading	1.4

Remarks and Describe any other system O&M or tasks performed while onsite :

Perform monthly gauging of all site wells / piezometers,

6/3/2020 B. Mikolin onsite for Monthly Sampling & Gauging, O&M
50's with Heavy rains toms

Onsite @ 0715. Review JCA's, Hospital route, Sampling procedures.

System is up and appears to be running normally.

Totalizers: Influent 19,662,673 Effluent 86,443,239 Redux (11")(1.7) = 18.7

5/27	19,625,004	86,418,485	(20.75)(1.7) = 35.28
	37,669 gal	24,754 gal	16.58 gal

Collect Monthly samples for compliance check.

Effluent @ 0750 pH 8.71 Turbidity 5.24 Temp 22.3°C Sp Conductivity 3552 $\frac{ms}{cm}$

Influent @ 0815 pH 7.25 Turbidity 3.12 Temp 16.5°C Sp Conductivity 3394 $\frac{ms}{cm}$

Trip Blank @ 0730. Perform O&M activities / system checks.

Perform monthly site-wide gauging, We will have to rent a metal detector to find MW-7 in gravel lot. Make 30 gal Redux Solution new volume = 48 gallons.

Ice Samples & Secure site. Deliver samples to Eurofins and return equipment to office.

Date : 6-3-2020Gauged By : Brandon Mikolin /GES

RW-1 10.70
PZ-1A 10.80
PZ-1B 8.30
PZ-1C 11.58
PZ-1D 11.72

PW-5 18.30
PZ-5A 10.21
PZ-5B 10.12
PZ-5C 9.74
PZ-5D 10.52

PW-2 8.80
PZ-2A 7.28 *Surface Water Infiltration*
PZ-2B 10.60
PZ-2C 10.05
MW-7 —

Substitute for 2D

PW-6 15.50
PZ-6A 10.80
PZ-6B 10.82
PZ-6C 11.05
PZ-6D 10.65 *RW-2 on map*

PW-3 10.75
PZ-3A 10.75
PZ-3B 10.28
PZ-3C 11.30
PZ-3D — *buried under gravel*

PW-7 20.10
MPI-6S 10.70
PZ-7B 10.70
OW-B 10.55
PZ-7D 10.28

PW-4 20.35
PZ-4A 10.96
PZ-4B 10.17
PZ-4C — *sealed over*
PZ-4D 9.80

PW-8 16.90
PZ-8A 7.50
PZ-8B 7.43
PZ-8C 7.05
PZ-8D 7.45

Pumps In Operation During Gauging :

PW 4, 5, 6, 7, 8 in operation.



Attachment C – Site Utility Costs

Mr. C's Dry Cleaners Site - Remedial Treatment Utility Costs
NYSDEC Work Assignment #1703074.0011.11
12 Months of System Operation and Maintenance
May 2020 Report

Utility Budget:	Electric:	\$25,300.00
	Telephone:	\$540.00
	Gas	\$1,120.00
	Total:	\$26,960.00

Gas and Electric

Utility Provider	Account #	E&E Cost Center	Description	Jan-2020	Feb-2020	Mar-2020	Apr-2020	May-2020	Jun-2020
New York State E&G	1001-0310-422	EN-003229-0001-03TTO	Mr. C's Electric Costs				\$ 1,204.20		
New York State E&G	76-311-11-015900-18								
National Fuel Gas	7160295 10	EN-003229-0001-03TTO	Mr. C's Natural Gas Costs	\$ 285.23	\$ 77.28	\$ 73.03			
Totals				\$ 285.23	\$ 77.28	\$ 73.03	\$ 1,204.20	\$ -	\$ -
				Jul-2020	Aug-2020	Sep-2020	Oct-2020	Nov-2020	Dec-2020
Totals				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Electric - Mr. C's				\$	1,204.20	Notes:			
Natural Gas - Mr. C's				\$	435.54				
Grand Total - NYSE&G/National Fuel Gas Costs To Date				\$	1,639.74	Estimated Reading			

Telephone

Utility Provider	Phone #	E&E Cost Center	Location Description	Jan-2020	Feb-2020	Mar-2020	Apr-2020	May-2020	Jun-2020
Granite Telecommunications	866-874-5500	EN-003229-0001-03TTO	Mr. C's Telephone Costs					\$ 57.22	\$ 55.04
Account # 01890582				Jul-2020	Aug-2020	Sep-2020	Oct-2020	Nov-2020	Dec-2020

Verizon Costs to Date - Mr. C's \$ 112.26

Grand Total All Utilities To Date	\$ 1,752.00
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Monthly Average Costs

Mr. C's Electric	N/A
Mr. C's Gas	\$ 145.18
Mr. C's Telephone	N/A
Average Utility Cost Total	\$ 145.18
12 Month Estimate	\$ 1,742.16

Budget Remaining:	Electric:	\$24,095.80
	Telephone:	\$427.74
	Gas	\$684.46
	Total:	\$25,208.00